MANUAL FOR ELECTRICAL REPAIRS OF EQUIPMENT

SERIES GOAL "FL " "FL CT"

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ENGLISH
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IMPORTANT

Read this manual carefully before using the machine.

Keep the manual and deliver it with the machine to any new owner.

READ CAREFULLY

THE FIRST TIME THE MACHINE IS TURNED ON EACH CLIENT HAS TO FOLLOW THE OPERATIONS OF **SOFTWARE SAVING** DESCRIBED IN THE PAGE "*REPLACE BOARD 2004*" (SEE SUMMARY).

THE MANUAL CONTAINS DIAGRAMS AND EXPLANATIONS REGARDING THE MACHINE **SERIES S** (SEE SUMMARY).

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Introduction

This repair manual serves to enable personnel external to the Lonati group to perform a series of operations in order to solve the main problems that can arise with machines type GOAL FL. Without an adequate knowledge of the machine and some basic training in electrotechnical or electronic devices, it will be difficult for anyone outside the Lonati group to work on the machine. For this purpose, the Lonati group can provide detailed documentation on the machine, such as circuitry diagrams. Also, those who wish to do so can participate in free courses at the Dinema plant, for custom training on the machines. Repairing a machine is not a simple matter because it requires skills in different sectors: electrotechnical, mechanical, pneumatic, etc. Also, the expert should not alter any of the original precautions taken by the manufacturer to comply with the regulations in effect and thus make the machine safe. In this connection, reading the chapter on safety is compulsory.
The manual is divided into three sections, the first is introductory, the second specific for errors that can be repaired and the third contains the wiring diagrams for machines type GOAL FL. At the end of the manual you will find the alphabetical index of alarms and errors
The introductory section contains generic instructions as to how to perform certain operations which, though they may be simple for electronics experts, should be useful for personnel with specialization in electrotechnical and mechanical fields.
The second section starts with the errors that the client can find on the machine display, and the remedies to apply to resolve the problem.
The third section contains the description of the connections for all the boards, the Lonati code number for the wires that leave the device, the diagrams as regards alterations made in the past few years.

Symbols used:

! *This symbol will highlight a concept, function or device that is particularly important for the operation and maintenance of the machine.*

Manual drawn up by :

Livio Schinetti

for LONATI S.p.A.

Safety

The electric part of the machine is potentially hazardous and can cause damages to persons and property. All persons assigned to maintenance and repairs should follow these rules:

- Be instructed on the operation of the machine and the safety devices applied.
- Work with the machine not powered by disconnecting it from the mains (e.g. unplugged) because it uses dangerous voltage.
- If it is indispensable to work with the machine on, take all precautions so as not to come into contact with powered parts. For this purpose, wear rubber gloves and use special insulated tools suitable for 10,000 Volt (such as those complying with the British standard ESI 26-3, to IEC 78). Do not disconnect powered parts with the power on.
- Do not make changes of any kind that would by-pass the measures adopted by Dinema to prevent accidents. Use only original Dinema replacements to ensure respect of the safety devices. For fuses, use types with the same value in amps and fusion characteristics (F = fast, T = timed, etc.).

Control of electrostatic charges

Many of the parts used by Dinema are sensitive to electrostatic charges, and thus the boards and machines are too. This should be kept in mind in performing repairs and/or maintenance. Failure to observe the necessary precautions can lead you to repair a board using a part that breaks down soon after because it was already partially damaged. Similar problems are caused by improper handling and storage of spare parts.
All the information here below reflect the **CECC 00015/I** standards.
Let us start with an explanation of various phenomena and types of materials.
Static electricity is usually created by friction between different non-conductive substances (e.g. yarn). The energy is in the form of charges (electrons) that accumulate in small amounts but at high voltage. This accumulation is discharged as soon as it finds a path (even air, with a spark), towards the ground. Even if the energy is low it can cause serious damage to the tiny transistors in electronic devices. This damage is sometimes noticeable only after some time.

All the parts of the various systems for the control of electrostatic charges are made with special materials that can be divided into four different categories:
Antistatic
Conductive
Dissipative
Screening

Antistatic materials are special materials that do not produce electrostatic charges when rubbed or separated from other materials with which they come into contact (triboelectric effect). However, if they receive charges from the outside, they hold them (so though they do not produce them, they may contain charges received from outside).
Conductive materials are materials that distribute charges uniformly over their surface so that all the pins of the part have the same potential, thereby preventing discharges between points with different potential.
Dissipative substances are materials that have the property of expelling electrostatic charges outward (for example, from the inside of a bag). The charges expelled are transferred to the conductive materials around it or into the ground (if possible), in a time of approximately 1 second or less, depending on the amount of energy.
Screening materials have the same properties as the dissipative ones. In view of their particular structure, they perform a protective action according to the law of the FARADAY cage, which states that electric charges are always distributed on the outside of a closed conductive container. Therefore the charges on the inside move outward and those received from the outside remain on the outside. The screening also neutralizes the electrostatic fields induced by the environment; some highly sensitive components, indeed, are damaged even if they are only involved in an electrostatic field without receiving any actual discharge.
Static electricity is inversely proportional to the relative humidity of the air, thus:

HIGH HUMIDITY	⇨	LOW ELECTROSTATIC CHARGE
LOW HUMIDITY	⇨	HIGH ELECTROSTATIC CHARGE

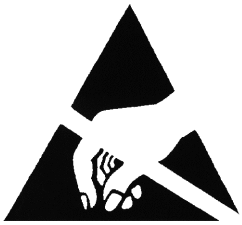
Rules and precautions

- We recommend that you do not use polystyrene, cellophane bags, cardboard (unless the parts are not packed in antistatic bags), containers, or trays, boxed or drawers in plastic.
- It is essential to store and/or pack parts in special conductive bags and sheets of antistatic foam rubber.
- The operator assigned to repair the machine should ground himself using a special bracelet or heel clip. The bracelet connected to the ground is not dangerous from the point of view of electrocution because it incorporates a 1MΩ resistor in series that discharges exclusively electrostatic charges.
- Testing should be done on a bench equipped with antistatic kit.
- Replace the material in the special packing.
- Assembled electronic boards are much less sensitive than loose parts, because the parasite capacities and those of the filter of the various power supplies come into play.
- After the board is inserted in the machine, the risk is considerably reduced, but it is always a good idea to wear the bracelet or heel clip. Operators wearing a heel clip should not touch the boards if they are seated with their feet off the carpet (for example on a rung of the chair). The heel clip is practically useless on a bare floor.

The combination of various materials, has enabled us to create highly valid systems for the protection from static electricity, that are effective, however, only if used according to certain rules:

- Connect all the protective parts (carpets, runners, bracelets, etc.), to the ground system of the mains. They are useless when resting on insulating material (tables, floors), because they do not discharge.
- As soon as you go to a protected zone, it is important to connect to the ground through the bracelet or special footwear;
- Any personnel not equipped with antistatic apparel (and thus charged), should stay away from the protected area, as they can radiate charges even through the air; if their presence is really necessary, they must immediately put on the bracelet.

ESD symbol, standards CECC 00015/I



ESD = Electro Static Discharge

This symbol indicates the presence of materials sensitive to electrostatic charges, and is found in the protected areas, on antistatic packing products, and on any material in any way related to electrostatic charges.

Visual inspection

At times, it is possible to identify a breakdown by observing the board and/or machine carefully. Here is a guide to some of the things to look for.

1. On the board, check for obvious short circuits between tracks or adjacent positions on the welded side. This could be due to bits of welding tin, filings, conductive dirt that in time has created a short-circuit. Exceptionally, it may be due to bent pins;
2. On the board, make sure there are no cold welds. These have a different appearance as they are not shiny and look “grainy”;
3. Check the conditions of the electrolyte condensers. There should not be any oily liquid and the vent valve on the plate models should be in place (not raised). It is a good idea to check the correct polarity of all polarized condensers;
4. If any alterations have been made with wire, make sure they are not causing short circuits and that they are intact (wire welded);
5. Check the good condition of the fuses both on the boards and on the plates. The wire inside the fuses should be straight, not bowed so that it touches the glass. For ceramic types use the multimeter with scale base “200 ohm”;
6. Make sure the boards and the connectors on them are correctly inserted, pushed all the way down. Make sure there are no contact pins partly emerging from the plastic body. The same applies, on the boards, to the jumper, integrators and modules on sockets.

Information and precautions on the use of lithium batteries

General safety precaution

- Never try to charge or force discharge.
- Make sure of the correct polarity when replacing the battery.
- Use Lonati replacements.
- Never connect the batteries in series or parallel.
- Never short-circuit the battery.
- Never try to open or dismantle the battery mechanically.
- Never throw batteries in the fire.
- Dispose of the batteries at an authorized center or return them to Dinema.

Transport

- The batteries used by DINEMA are classified as “not regulated” and can be transported in aircraft even with passengers aboard, as well as by sea or truck.

Storage (replacements and/or boards with batteries)

- The batteries used by DINEMA have a storage life of up to 10 years.
- To maximize the storage life, we recommend storing them in a dry, ventilated place at a temperature between –10°C and +25°C.
- Do not store at temperatures exceeding +50°C.

Arrangement

- Maintain the initial arrangement, even though the batteries used by DINEMA do not require any particular arrangement.

Information and precautions on the use of lead batteries

General safety precautions

- Never try to force discharge, especially if at high current.
- Make sure of the correct polarity when replacing the battery.
- Use Lonati replacements.
- Never connect the cells in parallel.
- Never short-circuit the battery.
- Never try to open or dismantle the battery mechanically: they contain hazardous substances!
- Never throw batteries in the fire.
- Considering that the batteries can emit explosive gas (hydrogen) when charging, do not use the machine in places lacking ventilation and/or near flames or sparks
- Dispose of the batteries at an authorized center or return them to Dinema.

Transport

- Transport the batteries in an upright position.
- Do not allow the battery to fall.

Storage (spares and/or machines with batteries)

- Batteries should not be stored discharged and it is important to recharge them every 6-12 months to prevent problems of sulphatization. This also applies to machines that have been shut down.
- Do not store the batteries at temperatures exceeding +40°C or below –20 °C.

Arrangement

- Maintain the initial position (terminals upward) to prevent leakage of any liquids.

Working temperature

- Lead batteries, as all drivers know, have a limited life. Therefore the client should prepare for the need of replacement by keeping spare batteries on hand.
- The life of the battery depends on many factors but the main one is the temperature. The higher the working temperature the shorter the life of the battery. The ideal working temperature should not exceed 25 °C, considering that at 40 °C the battery lasts half as long!

Routine Maintenance

The machine requires the following routine maintenance of its electrical parts:

1. Cleaning of filters on cooling fans (if any). Do this every 15 days in case of dusty processing;
2. Change the cooling fans every 5 years;
3. Change the lead batteries (if any) to prevent possible problems in the black-out stage. We recommend doing this every two or three years (see chapter on batteries).
4. Change the lithium batteries depending on the time the machine is not in use (holidays, storage). Change them when the machine has been off for a total of two years, approximately. In case of machine with D.C.N. board installed, change every year of off time. In any case, a lithium battery loses its qualities after 10 years, even when not used.

REPLACEMENT OF 2004(2000) BOARD

In case of replacement of the PCB2004/2000, the user must be able (after consulting the specific catalogues supplied, if necessary) to perform the machine set-up, configuration of the serial output, copy and restore the custom and system software..
The board sent by LONATI no longer contains any software, so before replacing it is essential to download it onto a diskette which can then be inserted in the repaired machine.
It is advisable to copy the software before detecting any errors on the PCB2004/2000 because there are some malfunctions that prevent the operations we are going to explain.
The detailed procedure for GOAL FL machines is as follows:
With the machine off, turn the key to programming, switch on and cancel the different messages with [F8], this takes you to the *main window*;
Press [SPACE] followed by [D] to access the *main menu*, [E] to access the *utility software* and the key corresponding to the window ***software management.***
This window consists of two screens, with keys [CTRL] + [N] you can pass from the first to the second and with [CTRL]+[P] back to the first. Go to the second and press [H] *download system and custom software,* relative to passage to RAM of the software. A warning message will appear: `FIWA 41 operation on Flash in progress`… at the end of the operation you will see message `FIWA 42: Operation on flash terminated.`
Now insert the FDU with the diskette in the special connection and, from the *software management screen*, press [A] *save software on disk,* to display message `FIWA 07: Operation on disk in progress` (NOTE this operation is slow). When it is complete message `FIWA 09 operation on disk OK,` appears and you can proceed to change the board.
Now insert the disk in your PC, go to my computer, open the diskette and press rename, enter MACH.BIN and confirm. Now you can insert it in the machine.
On the board PCB 2004/2000 select for dip-switch **S2 no. 7** in the **ON** position.
Switch the machine on (the machine display will remain lit in a dark color without any wording) on the segment display one small dot will blink, the operation takes a few minutes (10 min.), when all the software is loaded, a **letter F** appears on the display of the **PCB 2000/2004** (this means operation complete).
Switch off the machine, disconnect the FDU, replace dip-switch **S2 no. 7** in the **OFF** position**.**
Switch on the machine: configure the serial outputs, with the key in programming, insert the program and run the set-up.

NOTE: never switch the machine off during software update, the pcb 2004/2000 could be blocked and the only remedy to restore it would be to send it to Lonati.

<u>IMPORTANT</u>: if it should be impossible to recover the original software of the machine because there are no machines in the knitting mill with compatible software (e.g. machines of a different model or different date of production) you can access the Internet website http://www.lonati.com, and, in the window "eprom flash", download a suitable version of the software.
The site is always updated with the last five versions of the software produced by the company.
For information about compatibility contact the LONATI experts, indicating the serial number and model of your machine.

Errors

Errors cause machine stoppage. To start the machine again, eliminate the cause of the error, then press F8.

The errors will be divided into two parts: the first covers errors common to all models, while the second will be further divided for every model of machine.

General errors:

Serial line interrupted

This error is not shown on the machine display, but appears in the form of charge not connected and/or charge short circuited.
This type of problem can occasionally arise on the chain stop lamp (white lamp).
It is essential to perform the tests with the key in the programming position so as not to be deceived by false errors.
To identify a serial line error, it is important to check, one by one, every point on the line until the breakdown is found.
The serial line is characterized by the following path:

1. PCB 2004 (2000);
2. Flat connecting wire between PCB 2004 and board 2799;
3. PCB 2799;
4. Serial connecting cable between board 2799 and PCB 2703A;
5. PCB 2703A;
6. PCB 1881 connected on PCB 2703A;
7. Connection wiring between PCB 2703A and serial bar no.8 (board 1882);
8. Serial bars PCB 1882, joined by small serial wires that connect the output of one bar with the input of the next;
9. Closing cap on the line located on the last bar at the bottom of the output connector.

! *IMPORTANT – READ CAREFULLY*

The following functions are indispensable for working on the serial line:

- [CTRL]+[A] = configures the serial line, this operation can be used when there is an error on the display, that does not disappear with [F8].
- [CTRL]+[J] = direct access, when an error persists even after pressing [F8], to the window *client setup* where by pressing [A], you can open the window ena*ble/disable devices* and configure the bars, serial outputs etc..

! Before starting to control the serial line make sure the 24V DC power supply to the PCB 2703 is on, because its absence would cause errors relative to the serial line that could deceive the operator (see page19).

Control of the serial line can be made using the following procedure:

1. Disable the entire serial line, except the part including PCB 2004 and 2799, to do this proceed as follows:

2. Place the machine in programming mode with the white light off (at zero)
3. Press the “space” key on the keyboard to enter the *main menu*;
4. Press “D” to enter the *general menu*;
5. Press “C” to enter the *client configuration* screen;
6. Press “A” to enter the *enable devices* function;
7. Enter the function *configuration of bars* (BAR SETUP);
8. Change all the “1” settings of the serial bars (from 1 to 8) and modules (A, B, C, D, E) to “0”, leaving on "1" only module "I" (module "D" is installed only on certain machine models so if it was initially set on "0" never change that setting because it is not installed):

```
EI12345678ABCD
01000000000000
```

9. Save the new configuration by exiting BAR SETUP and pressing [ESC] (three times) then press [S] to answer: `Save current Setup values? [S]=yes, [N]=no.` Switch the machine off.

10. Take a 15 pole tray connector and create two jumpers between pin 3 and 5 and between 4 and 6.
11. Position the tray connector on board 2799 J6 in place of the serial cable, remove module 1881 from PCB 2799 and insert jumper `W1`;
12. Perform self-configuration of the serial outputs by pressing [CTRL]+[A] upon switching on the machine (when you see the message `CAUTION!! Piston block border error,` or any other error message) or press [CTRL]+[J] to go to *client setup* and resume as indicated from item "d".

13. Check whether the serial breakdown occurs again by turning the key to OK. If it does, , replace the PCB 2799 and reconfigure, and if the error persists change PCB 2004, then the FLAT wire;

! If you replace the PCB 2004 remember to restore the software and machine setup.

15. If the error does not reappear it means that the serial line up to that point is correct.
16. Now enable, in BAR SETUP, module "E" (switching it to "1"). With the machine off, remove jumper `w1` from 2799 and connect the module (1881) previously removed. Perform self-configuration of the serial outputs, check whether the serial breakdown occurs again by turning the key to OK.
17. If the error appears again replace PCB1881.
    If the error does not appear again, it means the serial line up to that point is correct, so you can disconnect the tray connector and connect the serial cable again;
    Detach the wiring on the input to bar no. 8 (the first from the top) leaving it hanging;
    Take the connector (serial cap) on the output of the last bar at the bottom and insert it in the loose connector unplugged before;

Return to configuration of the serial bars (procedure described above in item 1) and switch to “1” letters A, B, C, D selected before ("D" only if installed).
Switch on, configure and check whether the serial line, with only the bars excluded, shows the breakdown. If the **breakdown does not appear go to item 14** or continue as follows:

a. If the error appears, **that means it is not a bar error**, go to BAR SETUP and switch the modules connected to "0", then, with the machine off, remove the PCB 1881 boards. Connect the jumpers to their connectors:

- If you remove Module A the jumper to close is w12;
- If you remove Module B the jumper to close is w10;
- If you remove Module C the jumper to close is w11;
- If you remove Module D the jumper to close is w13;

b. If the error persists replace the PCB 2703A and if there are still problems, replace the serial cable.
c. If not, the problem is **on one of the 1881 modules** so go back to BAR SETUP, enable module "A" (switch to "1"). With the machine off remove the relative jumper (see item "a") connect the 1881 module, switch on and configure the machine. If the error persists, change module, or repeat the previous procedure with all the 1881 modules on the machine, until you find the one causing the error.
d. After locating the error restore, in BAR SETUP, condition "1" for all bars and modules used on that model of machine, configure and turn the key to OK. If there are no other problem the repair is finished.

When you find that the problem is on the serial bars (1882):

a. Connect the loose connector on the input of bar no. 8, and disconnect the cap;
b. Disconnect the wire on the input of bar no. 7 and connect the serial cap to the loose connector (that has been connected "materially" to bar no. 8);
c. Return to configuration of the serial bars (procedure described in item 1) and switch bar no. 8 to “1”;
d. Switch on and configure the machine, turn the key to OK and check whether the breakdown appears;
e. If it does, replace bar no. 8, switch all the bars on that model of machine to "1", configure and turn the key to OK. If there are no other problems the repair is finished.
f. Otherwise, connect the loose connector to bar no.7 again and detach the wire regarding bar no. 6, repeating all the operations just performed for acknowledgement of bar no.8;
g. Repeat the following operations for all the bars connected until the breakdown has been located and repaired.

Disengage stitch from dial jacks

This error is not caused by an electric breakdown but by an error of the operator, that could endanger the safety of the machine. In practice the border group is raised and the cylinder is moved with the machine in “cuff” position. In this condition the operator has to disengage the incomplete sock manually from the dial, after which he can terminate the disengagement procedure with the mechanical crank.

CHER 05 Speed limit list full

Too many speed limits have been set. First check the Graphitron program, then contact Dinema for any possible problems with the machine software.

Wrong dial configuration.

If this error appears, contact Lonati immediately.
A serious problem of incompatibility has arisen in the machine management software e.g.: number of needles set not compatible with the dial size of the machine.

Sock not ejected

This error appears when, at the end of the cycle, sock expulsion is not detected. The board that control sock passage is PCB 2004, that receives, on connector J21, a signal of sock expulsion from a sensor located ahead of the sock ejection device.

To correct this problem proceed as follows:

1. Make sure the red led DS43 on PCB 2004 lights up when a sock passes in front of the sensor. If not, check the connection between the cable going to 2004 on J21 and the one going from the sock passage sensor, the connection is located on the left side of the machine over the drive (runner 2010).
2. Replace the sock passage sensor.
3. If the connection is correct and the sock passage sensor works, try to increase the sensitivity to the passage of the sock on PCB 2004 by moving, one turn at a time, counterclockwise, trimmer R359.
4. Replace PCB 2004.

Lack of power phase

This error is displayed when the mains phase control board, PCB 2751, detects the absence of one or more phases of the power supply to the machine, or they are lowered below the minimum threshold setting.
To correct this error proceed as follows:

1. Make sure the green led DS4 on board 2751 (see page134,175) is on;

2. If the green led is on:
- Check connection between connector " J 4 " 2751A/1 and " J 24 " PCB 2004.
- Replace PCB 2751.
- Replace PCB 2004.

3. If the green led is off:
- Check, using a multimeter, that the power to PCB 2751 (FT3, FT4, FT5) is at 220V. Check the fuses, if any, on the board (F5, F6, F7 ….) and replace any damaged ones.
- If there are no further problems, replace PCB 2751.

4. If the power to PCB 2751A/1, is not at 220V:
- Check for 220V on wires R, S, T on the terminal board in the rear casing

- Check the fuses on PCB 2832;
- Check the voltage on the main switch and if there are no problems there, one or more phases may be missing on the line.

CAUTION: if the machine is running (in practice, if it is performing a stocking cycle), the occurrence of this alarm will cause stoppage of the machine. It will then begin the Black-out procedure to save the data referring to the position and status of processing of the machine. This procedure is managed by PCB 2751.

Alarm driver motor board

This error is displayed when a malfunction signal is sent by the electronic control circuit in the drive unit of the motor.
Proceed as follows:

1. See whether, on 2004, the green leds DS33, DS34 are on (they signal the presence of +15, -15V), or check for the presence of 15V on connector J18 of 2004.

- If they are off:
  - Check the connection between J18 on PCB 2004 and J3 on PCB 2751;
  - If +/-15V are present on the connector replace PCB 2004;
  - If the connection is correct but the voltage at +/-15V is not there, see page21.
- If the leds are on:
  - open the door on the left side of the machine, near the main switch. Inside you will find RUNNER 2010 (the drive).
    Remove the metal cover or lock through the opening on the bottom left side of the drive, you will find a small segment display that indicates the version of the software contained in the runner (r-XX) and the error messages (e.g. Er YY).
  - Read any error signaled. The alarms have a management that is called "latched", this means that as soon as a malfunction occurs the micro display shows the error and manages the alarm until the board is reset.
  - If the display is off, check the wiring of J29 on 2004.

The following is a list of the alarms possible on the board and a brief description of their management:

Er 01	Braking fuse interrupted. The alarm is latched and does not disable the motor.
Er 02	Overheating of drive beyond permissible limit. The alarm is latched and does not disable the motor.
Er 03	Overheating of motor beyond permissible limit. The alarm is latched and does not disable the motor.
Er 04	Anomaly of converter controlling resolver. The alarm is latched and does not disable the motor.
Er 05	Short-circuit on motor phases or toward potential. The alarm is latched and the board hardware disables the motor
Er 06	Anomaly of 3-phase voltage input value or internal voltage of power supply. The alarm is not latched and does not disable the motor.
Er 07	Anomaly of wiring of resolver or of resolver itself. The alarm is latched and does not disable the motor.
Er 08	Maximum speed setting for drive exceeded. The alarm is latched and does not disable the motor; the software does, however, stop the motor by placing the speed reference at zero until the board has been reset.
Er 09	Enabling of drive not permitted during phasing of resolver. The alarm is latched and does not disable the motor.
Er 10	Rotation contrary to setting. The alarm is latched and does not disable the motor; the software does, however, stop the motor by placing the speed reference at zero until the board has been reset.
Er 12	Action of safety mechanism I^2 t. The alarm is latched and does not disable the motor.
Er 13	Motor blocked (PID speed output is saturated for more than 3 sec.). The alarm is latched and does not disable the motor, the software does, however, stop the motor by placing the speed reference at zero until the board has been reset.
Er 14	Procedure of automatic resolver phasing not correct.
Er 15	No E^2prom custom parameters.
Er 16	E^2prom custom parameters not working.
E	Microprocessor blocked. The alarm is latched and the hardware on the board disables the motor.

With respect to the error read, the following are some solutions possible to resolve them:

Er01 Braking fuse interrupted.

- Replace the fuse.
- Replace the drive.

Er02 Overheating of drive beyond permissible limit.

- Replace the drive.

Er03 Overheating of motor beyond permissible limit

- With machine not overheated:

- Check the connection between the thermal heating element and connector J9 on RUNNER 2010;
- Replace the drive
- Replace the thermal heating element.
- With machine overheated:
- The error is due to excessive mechanical resistance to rotation;
- An error in the resolver phasing, so it should be rephased (see instructions in the mechanical part "phasing the resolver with the motor").

Er04 Malfunction of converter that controls resolver.

- Replace the drive.

Er05 Short-circuit on phases of motor or toward potential.

- Replace the drive.

Er06 Malfunction of value of 3-phase input voltage or of value of internal supply voltage.

- Check the 220V power supply on the input to the drive;
- Check the safety contacts (cylinder casing, front and rear door)

Er07 Malfunction in wiring of resolver or in resolver.

- Check the wiring of the resolver to the drive;
- Replace the resolver
- Replace the drive

Er08 Maximum speed setting for drive exceeded.

- Replace the drive

Er09 Enabling of drive not permitted during phasing of resolver.

- Replace the drive

Er10 Rotation contrary to setting.

- Replace the drive

Er12 Safety device I^2 t activated.

- Check the mechanical conditions of the machine, excessive resistance to rotation greatly increases the current from the board beyond the limit set by the software.
- Replace the drive

Er13 Motion hindered.

- Check for any possible mechanical hindrance to rotation;
- Check the continuity of the wiring PCB2004 /drive, drive/motor;
- Replace drive;
- Replace 2832.

Er14, Er15, Er16,E:

- Replace the drive.

2. Replace the drive;

3. Replace PCB 2832;

4. Replace PCB 2004 (see page10);

5. Replace the motor.

Caution! if you replace the drive remember to make the mechanical zero setting of the cylinder.

Battery B1 and B2 out of order

This error is displayed when the voltage of the batteries drops to below the threshold of 22.5V DC. The circuit that detects this power is found on the PCB 2751 (see page 175,134).

1. As a first operation, it is a good rule to check the battery voltage by placing the poles of a multimeter between the two batteries without disconnecting them from the circuit. If the voltage is below 22 volts it is necessary to replace the batteries because they have lost their charge.
2. Check the connection between PCB 2751 connector J6 and the respective poles of the batteries.
3. Check the connection between J4 on 2751 and J24 on 2004.
4. Check fuses F3, F4 on 2751 and replace if burnt out.
5. Replace PCB 2751.

Lack of power 24V DC external supply

This error is displayed when the 24 volt power, necessary for operation of the serial line, is not available on the machine and the Check 24V signal does not reach the PCB 2004. When the correct power is supply it is shown on PCB 2004 by led **Ds32 on.**

1. With led **Ds32** on and error "24V DC out on external serial line":
- Replace PCB 2004
2. With led **Ds32** off the error is effective, proceed as follows:
- Check fuses on PCB 2703, replace any faulty ones;
- If the error persists replace PCB 2703;
- Check for 24V power on connector J11 of 2703:
- Check connection between J11 of 2703 and J1 of 2751;
- Check connection between J4 of 2751 and J24 of 2004;
- Replace board PCB 2751;
- Replace PCB 2004 (see page10).

Note: this error almost never appears because the lack of power at 24V DC causes malfunction of the serial line and display of the relative errors.

Lack of air pressure

This error is displayed when the pressure of the compressed air supplied by the system external to the machine drops below the minimum limit. The sensor is a metal contact on the pressure gauge located in the input of the pneumatic circuit on the machine. When the pressure of the compressed air drops below the minimum level, the metal pointer on the pressure gauge grounds the electric contact connected to the electronic input, triggering the insufficient air pressure error.

The tests to carry out in case of error are as follows:

1. Check that the sensor, with the air above the limit setting (read on the pressure gauge), functions properly;

2. Check that the wiring is connected properly.
3. Check the connection between the fastener on the pressure gauge and connector J6 pin 13 of 2703 (see page201).
4. Replace board 2703 inside the solenoid valve case on the back of the machine.

Stop handle

This error is displayed when you attempt to start the machine and the mechanical crank has not been removed from the mechanical unit connected to the cylinder.
Proceed as follows:
1. Clean the crank blocking piston;
2. Make sure that when the crank blocking piston is inserted the fastener connected to it is grounded;
3. Check the connection between the fastener – crank and J11 of board 2799 (see page172,127)
4. Replace board 2703;

Stop open bell

This error serves to ascertain that the bell is effectively closed, whenever the Graphitron inserts position 2 on the partializing valve.
This control cannot be made with the bell open and it is therefore clearly necessary to use a code to enable or disable this control. The code used is the one for special function 3 that must be on in a zone with the partializing valve in position 2.
In case of error check the following:
1. That the program corresponds to the above features;
2. Connection between the fastener on the bell and board 2703 connector J6 (see page201);
3. Connection between the ground fastener connected to the bell and board 2703 connector J10 (page 201).

Stop yarn creel

This error is displayed if one of the cone holding structure sensors signals blockage of one of the threads and consequently the feed of the holder arm connected to the sensor.
If the error is displayed for no reason, try disconnecting the terminal from the microswitch to the feed and press [F8]. If the error is cancelled replace the broken microswitch or, if not, proceed as follows:
1. Check connection between connector “s.imp”. pin2 and board 2799 J8 (see page172,127);
2. Check that connector “s.imp.” pin 1 is grounded.
3. Replace board PCB 2799.

CAUTION: CYLINDER CARTERS OPEN

This error is displayed when the transparent protective casings on the top of the machine (cylinder zone) are removed while the power is on (machine running). The error is signaled by the red led **Ds41** on PCB 2004 lighting up. One casing not correctly positioned is sufficient to trigger this error.
The operations to perform in case of error are as follows:

1. Check whether the two wires on the input of board 1799 connector J7 are short-circuited between them, this would mean that the control contacts are closed and that the error is therefore on the electronic control system.
2. Check the connection between board 1799 connector J4 and PCB 2004 connector J28 (see page 104.);
3. Replace board 1799;
4. Replace PCB 2004(see page10).

Lack of power 15V DC positive and 15V DC negative .

This error is displayed when power supply of +15VDC or -15VDC, generated on PCB 2751, is absent. The circuit that detects this power is located on board PCB 2004 that signals its presence with two green leds **Ds34** (-15VDC) **e Ds33** (+15VDC).

1. Check whether the two leds are lit, if both are on and the power on the output of PCB 2751 J3 is present, replace PCB 2004;
2. If the leds are off (even just one of the two) proceed as follows:

- Check the wiring of connector J3 on PCB 2751 to J18 on PCB 2004;
- Check the fuses on PCB 2751 especially F2;
- Replace PCB 2751.

Power 36V DC -step motors

This error is displayed when the power supply at 36V DC, generated on PCB 2751, is absent. The circuit that detects this power is located on PCB 2004 that signals its present with the green led **Ds28**.

1. Check whether the led is lit and if so, and on the output of PCB 2751 J8 the power at 36V DC is also present, replace PCB 2004;
2. If the led is off proceed as follows:

- Check the wiring of connector J4 on PCB 2751 to J24 (pin 1) on PCB 2004;
- Check the fuses on PCB 2751;
- Replace PCB 2751.

Suction fan main switch

This error is displayed when the overheat cutoff switch on the switch (or remote control) of the rear exhaust fan motor is tripped. It means that the fan motor is overheating. This could be caused by excessive current absorption of the fan motor, which could be due to jamming of the rotor. This can occur if the fan has been stopped for a long time and shares the same air outlet with the others. We recommend that before you start a fan that has been inactive for some time, you make sure the rotor spins freely.

If the problem persists, proceed as follows:

1. Check that the setting of the relay corresponds to the absorption indicative of that voltage.
2. Check the connection between the remote control of the fan and board 2799 connector J8 (see page172, 127);
3. Replace the remote control + thermal relay.
4. Replace board 2799.

This error is also possible when there are problems on the serial line. In this case, see also the tests described on page 12

Saw blade control stop motion -A-

This error is related to control of the “cutter phase proximity” input and is only enabled with the cutter connected. With this type of control the machine management software checks that the input connected to the proximity switch detects the absence of metal at a degree defined in the custom eprom.
This degree varies from one machine to another and is indicated in the table below:

Type of machine	Degree of control
FL54JOT	16
FL626OT	40

In case of error use the autotest of inputs to control the status of the “cutter phase proximity” which should display zero as the degree of control. If it does not, there are two possibilities of error:
The proximity switch displays zero at a different degree from that of control; perform the procedure for phasing of the dial.
The proximity switch never displays zero; in this case proceed as follows:

1. Disconnect the proximity switch from its housing and try touching a metal part (on touching it should display one while when the proximity switch is moved away it should display zero). If the status is displayed correctly, reassemble the proximity switch as close as possible to the dial shaft;
2. If not, replace the proximity switch;
3. Check the connection between connector “seg” and PCB 2703 connector J19(pin 8+9) and J9 (pin 1) (see page 201);
4. Replace board 2703.

Saw blade control stop motion -B-

As the previous error, this error is related to control of the “cutter phase proximity” input and is only enabled with the cutter connected. With this type of control the machine management software checks that the input connected to the proximity switch detects the absence of metal at a degree defined in the custom eprom.
This degree varies from one machine to another and is indicated in the table below:

Type of machine	Degree of control
FL54JOT	194
FL626OT	220

In case of error use the autotest of inputs to control the status of the “cutter phase proximity” which should display one as the degree of control. If it does not, there are two possibilities of error:
The proximity switch displays one at a different degree from that of control; perform the procedure for phasing of the dial.
The proximity switch never displays one; in this case proceed as follows:

1. Disconnect the proximity switch from its housing and try touching a metal part (on touching it should display one while when the proximity switch is moved away it should display zero). If the status is displayed correctly, reassemble the proximity switch as close as possible to the dial shaft;
2. If not, replace the proximity switch;

3. Check the connection between connector “seg” e la PCB 2703 connector J19(pin 8e9) e J9 (pin 1) (see page201);
4. Replace board 2703.

Saw blade control stop motion -C-

This error becomes effective when the cutter is released and the dial motor stopped.
Unlike the two previous cases, this error does not have a fixed status of the proximity switch to display its condition.
For a better understanding of the causes of the error the procedure for control of this aspect is explained below.
When the cutter is stopped, whether released by the program or upon stoppage of the dial motor, the control logic waits for a few degrees then “reads” the status of the proximity switch and every 40 degrees controls to ascertain that the status has not changed.
It is highly unlikely that this error can be caused by a problem of the control electronics, but more likely by a mechanical breakdown or failure of the solenoid to release the cutter.
1. Make sure the cutter is sufficiently free;
2. Use the autotest of the chain codes to check that the outlet for cutter release functions properly, and if not, replace the solenoid valve.
3. Check the circuit of the serial line (see page 12).

Saw blade control stop motion -D-

For clearer understanding of the causes of the error the control procedure is described below.
When the motor receives the order to start processing from Graphitron, the control logic waits for passage of the split.
After 140° it starts the test and every 20° the logic controls the passage of the split and, if it find it, starts the control again.
If after 640° it does not find the split, the machine stops and signals the error.
1. At this point, check the connection between the cutter motor and PCB 2729B/2 J1 (this PCB is located in the rear casing of the front panel);
2. Check operation of the fuses;
3. Make sure the green led **Ds5** is on (presence of 36V);
4. Replace cutter motor;
5. Replace PCB 2729.

Stop clean knife 1

In case of error check:
1. Connection between the eyelet screwed to “blade 1” and board PCB 2703 connector J6 pin 9 (see page 201);
2. Replace board 2703.

Stop clean knife 2

In case of error check:
1. Connection between the eyelet screwed to “blade 2” and board PCB 2703 connector J6 pin 10 (see page 201);
2. Replace board 2703.

Stop needles during heel

In case of error check:

1. Connection between “stop/needles” fastener and board PCB 2703 connector J9 pin2 (see page 201);
2. Replace board 2703.

Stop elastic 1

This error is displayed with an elastic yarn breaks; the sensor is located near the step-step elastic feed motor.

1. If the error is signaled for no apparent reason, try disconnecting the terminal from the feed microswitch and press F8. If the error disappears, replace the microswitch;
2. If not, check the connection between the “EL.1” lead and board PCB 2703 connector J6 pin 7 (see page201);
3. Replace board 2703.

Stop elastic 2

This error is displayed when an elastic yarn breaks; the sensor is located near the step-step elastic feed motor.

1. If the error is signaled for no apparent reason, try disconnecting the terminal from the feed microswitch and press F8. If the error disappears, replace the microswitch;
2. If not, check the connection between the “EL.2” lead and board PCB 2703 connector J6 pin 8 (see page201);
3. Replace board 2703.

Stop heel and toe take up

This error is displayed when one of the "heel yarn recovery" operations touches the maximum run stop; normally this is due to breakage of the heel yarn or because the yarn is not sufficiently taut.

1. If the error is signaled for no apparent reason, try disconnecting the fastener from the yarn recovery unit and press F8. If the error disappears, check for a short-circuit of the pin to which the fastener is connected, with the chassis of the yarn recovery unit;
2. If the device is working correctly, check the connection between the “R.TAL” lead and PCB 2703 connector J6 pin 15 (see page 201);
3. Replace board 2703.

Stop lack of oil

This error is displayed when the level of the oil in the recovery tank falls below the minimum. The correct conditions is with the contact **open**, with the value on the *auto test of inputs* "**1**". In this case the error should never appear, otherwise replace PCB 2799.
In all other cases proceed as follows:

1. Check the oil level and top up if necessary
2. Check the connection of the fastener “S.OLIO” (blue) located on the sensor and PCB 2799 connector J 11 pin 2 (see page 172,127);
3. Check the connection between the other fastener (black) for grounding and board 2799 J 11 pin 5;
4. Replace the oil recovery tank.
5. Replace board PCB 2799.

Stop oil pressure

This error is displayed when the sensor on the lubricating circuit detects insufficient pressure in the system.
Proceed as follows:

1. Check the connection between one of the two fasteners “P.OLIO” (blue) located on the sensor and PCB 2799 connector J11 pin 3 (see page 172,127);
2. Check grounding between the other fastener (black) and PCB 2799 connector J11 pin 6;
3. Replace the oil recovery tank or, if possible, the sensor by itself.
4. Replace board PCB 2799.

Stop turning device fan thermic

The control logic of the reversal fan is actually borrowed from the intake fan, so if this error appears see page 22.

Stop motion lycra tensioner feed 1

The tightener that controls the glide of the lycra is enabled with a code by Graphitron. It is therefore impossible for an error to be signaled without being enabled by the sensor.
In case of error check the following:

1. Make sure the yarn glides in its own housing and does not “pull” to the point of moving out of range of the sensor;
2. If the red led on the sensor does not light up, check the connections between pins 1 and 2 (blue, brown) of the “sc1” wiring and PCB 2799 connector J 12 pins 1 and 2 (see page 172,127);
3. Check the connection between pin 3 (black) of connector “sc1” and board 2799 J 10 pin 1.
4. Replace the sensor;
5. Replace PCB 2799.

Stop motion lycra tensioner feed 2

Follow the instruction for the error “stop due to lycra feed 1 tightener”, using as a reference the wiring marked “sc2”.
Pins 1 and 2 of the “sc2” wiring are connected to PCB 2799 J 12 pins 3 and 4;
Pin 3 of the “sc2” wiring is connected to PCB 2799 J 10 pin 2;

Stop motion lycra tensioner feed 3

Follow the instruction for the error “stop due to lycra feed 1 tightener”, using as a reference the wiring marked “sc3”.
Pins 1 and 2 of the “sc2” wiring are connected to PCB 2799 J 12 pins 5 and 6;
Pin 3 of the “sc2” wiring is connected to PCB 2799 J 10 pin 3;

Stop motion lycra tensioner feed 4

Follow the instruction for the error “stop due to lycra feed 1 tightener”, using as a reference the wiring marked “sc4”.
Pins 1 and 2 of the “sc2” wiring are connected to PCB 2799 J 12 pins 7 and 8;
Pin 3 of the “sc2” wiring is connected to PCB 2799 J 10 pin 4;

Winders

This error is displayed in case of malfunction of a winder. For further information, refer to the Lonati mechanical manual.
If the winder is working properly, proceed as follows:

1. Check the connection between the winders and board 1707;
2. Check the connection between board 1707 and PCB 2799 connector J8 (see page2799);
3. Replace PCB 2799
4. Replace PCB 1707;

Stop yarn antibreak control 1

These devices are used to prevent the yarn from breaking due to “pulling” caused by poor quality cone winding.
When the yarn is stretched, the latch on which the yarn glide bushing is mounted rolls out of its housing, displaying the error and changing the light in the sensor from green to red.
After removing the cause of the error press F8 and, after pressing the start button, the sensor will reset itself returning to green.
In case of false alarm, proceed as follows:

1. Check that the sensor is working properly by installing it on another machine;
2. Check the connections between connector “btsr/as” and board 2004 connector J26 (see page 104);
3. Replace board 2004 (see page10).

Short-circuit bar x - output x "

This error could be caused by an effective short-circuit or by a problem on the serial line. The solenoid valves connected to board 1882, commonly known as “bars” are involved in this error.

In case of error make the following checks:

1. With the aid of the descriptions provided by the machine locate the damaged solenoid valve then, after closing the air at the pressure gauge, disconnect it;
2. If the error is real the display will change to not connected. In this case replace the solenoid valve;
3. If the short-circuit error persists, proceed as follows:
4. Press the “space” key to enter the management menu;
5. Press “D” to enter the general menu;
6. Press “C” to access client configuration;
7. Press “A” to enter “enable devices”;
8. Press the key associated with the *window configuration of serial outputs* and, when requested, confirm the operation, then switch the machine off and on again;
9. Check the power supply at + 24V DC on connector J1 coming from the previous bar and, if there should be any malfunction, check the connection with board 2703 connector J2;

If this test also gives a negative result the cause should be found in a breakdown of the serial line (see serial line interruption error on page 12).

Load not connected bar x - output x"

Consult and follow the previous explanation relative to the error “Short-circuit on bar x conn. x”
This method of solving the problem, can be applied to all the charges not connected and all short-circuits, regardless of the number of bars or outputs.

Finger x feed x not connected

The yarn finger management circuit consists of board 1881 located on PCB 2703, of the connecting wires, and the board of which the feed and solenoid are part.
To understand whether the error is caused by the solenoid valve proceed as follows:

1. Detach the solenoid valve causing the error, then:
2. Press the “space” key to enter the management menu;
3. Press “D” to enter the general menu;
4. Press “C” to access client configuration;
5. Press “A” to enter “enable devices”;
6. Press the key associated with the *window configuration of serial outputs* and, when requested, confirm the operation, then switch the machine off and on again;
7. If by eliminating the solenoid valve the error disappears, replace it;
8. If the error persists identify the module (card 1882) on which the solenoid valve is connected, using the 1882 wiring diagrams, then check the wiring from the feed to the module;
9. If the wiring is correct, replace the module.
10. Replace board of which the feed is a part.

If the error does not disappear, proceed as indicated for serial line interruption (see page12).

Short-circuit Finger x feed x

Proceed as described in error “yarn finger x feed x not connected”.

Finger x pos. 2 feed x not connected

Proceed as indicated in error “yarn finger x feed x not connected”.

Short-circuit finger pos. 2 feed x

Proceed as indicated in error “yarn finger x feed x not connected”.

Finger x color x not connected

Proceed as indicated in error “yarn finger x feed x not connected”.

Short-circuit finger x color x

Proceed as indicated in error “yarn finger x feed x not connected”.

Ducking stitch cam feed x position 2 not connected

Proceed as indicated in error “yarn finger x feed x not connected”.

Ducking stitch cam feed x not connected

Proceed as indicated in error “yarn finger x feed x not connected”.

Short-circuit Ducking stitch cam feed x position 2

Proceed as indicated in error “yarn finger x feed x not connected”.

Short-circuit Ducking stitch cam feed x

Proceed as indicated in error “yarn finger x feed x not connected”.

User output x not connected

Proceed as indicated in error “yarn finger x feed x not connected”.

Short-circuit user output x

Proceed as indicated in error “yarn finger x feed x not connected”.

Module x output x not connected

Probably a charge has been connected to a previously disabled output. Check the situation of the modules in the *window bar configuration*.

Short-circuit module x output x

Proceed as indicated in error “yarn finger x feed x not connected”.

Load not connected extension output x.

Probably a charge has been connected to module "E" located on PCB 2799. Check the situation of the modules in the *window bar configuration*, or charges previously associated with the outputs may have been removed.

SHORT-CIRCUIT extension output x

Proceed as indicated in error “yarn finger x feed x not connected”, remembering that the expansion is module "E".

LOAD NOT CONNECTED nc bar 1 output x

The charge of a bistable valve has been removed (normally closed function), previously configured by the machine.

1. Check the connection between expansion (module "E" 1881) and the bistable solenoid valve indicated in the message;
2. Detach the solenoid valve causing the error, then:

a) Press the “space” key to enter the management menu;
b) Press “D” to enter the general menu;
c) Press “C” to access client configuration;
d) Press “A” to enter “enable devices”;
e) Press the key associated with the *window configuration of serial outputs* and, when requested, confirm the operation, then switch the machine off and on again;

3. If after eliminating the solenoid valve the error disappears, replace it;
4. Replace expansion (module "E" 1881);
5. Replace 2799.

LOAD NOT CONNECTED no bar 1 output x

The charge of a bistable valve has been removed (normally open function), previously configured by the machine.

1. Check the connection between expansion (module "E" 1881) and the bistable solenoid valve indicated in the message;
2. Detach the solenoid valve causing the error, then:

a) Press the “space” key to enter the management menu;
b) Press “D” to enter the general menu;
c) Press “C” to access client configuration;
d) Press “A” to enter “enable devices”;
e) Press the key associated with the *window configuration of serial outputs* and, when requested, confirm the operation, then switch the machine off and on again;
f) If after eliminating the solenoid valve the error disappears, replace it;

1. Replace expansion (module "E" 1881);
2. Replace 2799.

SHORT-CIRCUIT nc bar 1 output x

Proceed as indicated in error “yarn finger x feed x not connected”, remembering that the expansion is module "E".

SHORT-CIRCUIT no bar 1 output x

Proceed as indicated in error “yarn finger x feed x not connected”, remembering that the expansion is module "E".

SHORT-CIRCUIT internal bar output x

Problem regarding the outputs controlled by PCB 2799.
Replace board 2799.

Latch solenoid valve 2 not connected

Proceed as indicated in error “yarn finger x feed x not connected”.

Short-circuit turning device fan thermic

The turning unit uses remote control for fan control.
In case of error proceed as follows

1. Using a multimeter check that the resistance between terminal A1 of the remote control and 95 of the thermal relay is not 0 Ω, otherwise replace the thermal relay and/or the remote control;
2. If the remote control functions correctly, check the wiring between the device and the female connector to the cable labeled “vent”, located inside the raceway on the right side of the drive;

Terminals on remote	Destination to connector
A1	Pin 6
13	Pin 8
14	Pin 7
95	Pin 5

3. Check the connection between male connector “vent” and board 2799 J 8;
4. Replace PCB 2799.

Short-circuit fan main switch

Follow the same instructions as for the previous error.

Lower elastic feed 1 stop motion.

Check whether the yarn recovery rod is resting on the bottom elastic stop, if not, check the connection of the stop to elastic feed unit 1 with PCB 2703 J9 (see page201) and replace PCB 2703.
If the yarn recovery rod is resting, this means the tension of the yarn is high, first check the operation of the elastic motor, which could be blocked, its connections with board 2729 or PCB 2846 (if installed) see page158,187,150. Check operation of the lower proximity switch (consent to start) and its connections with PCB 2703. Replace the proximity switch

then replace PCB 2703. If necessary, replace the elastic motor and then PCB 2729 or 2846.

Upper elastic feed 1 stop motion

Check whether the yarn recovery rod is resting on the bottom elastic stop, if not, check the connection of the stop to elastic feed unit 1 with PCB 2703 J9 (see page201). Replace la PCB 2703.
If the rod is resting on the top stop it means that the yarn may be cut or that the elastic tension is very low. Restore correct elastic tension and if the error persists check the operation of the elastic motor, that may be rotating too fast or improperly, and check its connections with board 2729 or PCB 2846 (if installed) see page158,187,150. If necessary, replace the elastic motor, then replace PCB 2729 or 2846.

Elastic feed 1 broken.

Signals breakage of elastic wire (lever proceeding from low microswitch). Restore the wire and if the error persists disconnect the terminal from the microswitch to the feed and press F8. If the error disappears, replace the microswitch, if the error does not disappear check the connections with PCB 2703 J9. If connected correctly and the microswitch is working properly (the lever proceeding from the microswitch should be high) replace PCB 2703.

Stop dropper on the left

Check the mechanical adjustment of the proximity switch with the picker and the operation of the latter with the autotest, if theses are correct the problem is electric.
Physically disconnect the female connector 4x1 proceeding from the proximity switch from the 4x1 male connector arriving from PCB 2703. If the error disappears replace the proximity switch, if it persists, check the connection of the proximity with the cable arriving from PCB 2703, whether it is intact and connected correctly to PCB 2703 J21 and J6 (the left picker corresponds to the rear one) (see page201).
Replace PCB 2703.

Stop dropper on the left .

During the control at the beginning of the cycle, the machine finds the **left proximity switch on** when it should be off because the picker is at rest.
Check the mechanical adjustment of the proximity with the picker and the operation of the latter with the autotest, to ascertain that it is not blocked. Physically disconnect female connector 4x1 that proceeds from the proximity, from the male 4x1 coming from PCB 2703. If the error disappears replace the proximity, if it persists check the connection of the proximity with the cable coming from PCB 2703, make sure it is intact and check the connections of the latter with PCB 2703 J21 and J6 (the left picker correspond to the rear one) (see page201).Replace PCB 2703.

Dropper error on the left Needle not dropped .

After a certain number of degrees (depending on the machine model) the machine imposes another control of the position of the picker. If it is still in the initial position, with the, **proximity off**, the error appears. Check the mechanical adjustment of the proximity with the picker and the operation of the latter with the autotest, to understand whether the problem is mechanical (picker blocked). If the problem is electrical, check the connection of the female connector 4x1 proceeding from the proximity, with the male connector 4x1 on the cable coming from PCB 2703, make sure it is intact and check the connections of

the latter with PCB 2703 J21 and J6 (the left picker correspond to the rear one) (see page201).
Replace proximity, replace PCB 2703.

Stop dropper on the right

Dropper error on the right Halted .

Dropper error on the right Needle not dropped. .

For these three error messages the above explanations relative to the left picker apply. Remember that on the electronic diagrams the right picker is the front one.

Elastic motor feed 1 not at zero

During resetting of machine and thus of elastic motor 1, the yarn recovery rod has to switch on the upper proximity switch that signals the reset. In case of error check the mechanical adjustment and operation of the upper proximity for elastic motor 1. Check connections of the proximity with PCB 2703 see page201.

Dial phase control stop motion Position 0

This is an error managed by the software, check whether the machine performs its mechanical functions correctly. Disconnect the eyelet and go to the *autotest menu* in the *window machine inputs* ([SPACE]+[D]+[A]+[B]) and observe whether the item rephasing of dial in position zero changes from **"0" - "1"** if the eyelet is resting on a metal part (grounded) or not. If it changes status the problem is mechanical, otherwise check the connection between the stop for rephasing and PCB 2703 (rephasing of drive in position 0). Replace PCB 2703.

Wrong phase of dial .

This is an error managed by the software, check whether the machine performs its mechanical functions correctly. Check the connections between the proximity phase rephaser and board 2703 J19 (power supply) and J9 (control).

Saw blade release in wrong position

This is an error managed by the software, check whether the machine performs its mechanical functions correctly. Check the connections between the proximity phase rephaser and board 2703 J19 (power supply) and J9 (control).

Saw blade engage in wrong position

This is an error managed by the software, check whether the machine performs its mechanical functions correctly. Check the connections between the proximity phase rephaser and board 2703 J19 (power supply) and J9 (control).

Saw blade release failure Press [F0]

Indicates the only operation possible. Press [F0] to reset the machine.

HEPP motor stop motion

The management of these optional motors is provided by PCB 2799. Therefore, check the connection between the motors and board 2799 J7 and J8.

Dial not in position. Upper proximity.

In the rest position, when the machine is at the beginning of the cycle, the **upper proximity switch** of the dial must be **on** and the **bottom one off**.
The error indicated above appears if:

- The upper proximity is off or if not it is not carrying the signal to PCB 2703. Check connections between PCB 2703 and the power supplies of the proximity and the dial control cable (see page201 J9 and J20), replace the proximity, replace 2703.
- It can appear if in the stitch clearance position (the two proximity switches must be off), with the dial tilted, the upper proximity is on. Check the mechanical adjustments and if correct replace the proximity.

- In the position with the dial at the beginning of the cycle, another error may appear: "Dial not in position. Low proximity ", which means that the bottom proximity switch is on. Check the mechanical adjustments and if correct replace the proximity.

Dial not in position. Lower proximity .

When the dial raiser is on (dial rotation) the **top proximity** must be **off** and the **bottom one on**.
The error described above appears if:

- The lower proximity is off or if not it is not carrying the signal to PCB 2703. Check the connections between PCB 2703 and the power supplies of the proximity and the dial control cable (see page201 J9 and J20), replace the proximity, replace 2703.
- It can appear if in the stitch clearance position (the two proximity switches must be off), with the dial tilted, the lower proximity is on. Check the mechanical adjustments and if correct replace the proximity..

During insertion of the dial raiser, another error may appear: "Dial not in position. High proximity ", which means that the top proximity switch is on. Check the mechanical adjustments and if correct replace the proximity.

Normal position not corrected.

In the normal position, with the dial not tilted, the **proximity** of the **top rack** should be **on** and that of the **bottom one off**.
The error shown above appears if:

- The upper proximity is off or if not it is not carrying the signal to PCB 2703. Check the connections between PCB 2703 and the power supplies of the proximity and the rack control cable (see page201 J9 and J20), replace the proximity, replace 2703.

Capsize position not correct .

When tilting the dial, the **proximity** of the **top rack** should be **off** and that of the **bottom one on**.
The error shown above appears if:

- The lower proximity is off or if not it is not carrying the signal to PCB 2703. Check the connections between PCB 2703 and the power supplies of the proximity and the rack control (see page201 J9 and J20), replace the proximity, replace 2703.

Broken selectors stop motion

If there are no dials broken check that the "signal points" have not been tripped grounding the stop. Check the connection between the stop fasteners and PCB 2703 "J 6" (see page 201). If after disconnecting the fasteners the error persists replace PCB 2703.

MAINER.MAC

MNER 00 Lost setup data eeprom unavailable.

The Checksum of the EEPROM FLASH on PCB 2004 is not correct. Try to repeat the machine setup to save it again. If this error reappears it means the EEPROM FLASH is defective. Replace PCB 2004 (see page10).

MNER 03 Encoder not connected.

This error is displayed when la machine, after startup has been enabled, does not receive signals from the encoder.
Replace the drive or the resolver or PCB 2004 (see page10).

DRUMER.MAC:

Short-circuit on pattern drum board x Connector Jx

This error is displayed when the control logic, connected to the board that controls the pattern drum outputs, detects a short-circuit on the lever of a pattern drum. At this point the position of the board involved appears on the display with the connector attached to the pattern drum.
The breakdown may be due to one of these three causes:
1. Pattern drum short-circuited;
2. Cable short-circuited;
3. Board failure.

Referring to the diagrams on pages 141,142 if the machine is equipped with WAC pattern drums, or pages180, 184 if it is equipped with MATRIX pattern drums, identify the pattern drum causing the error, then:
1. Detach the connector from the pattern drum, cancel the error by pressing F8, turn the key to programming mode, turn it back to process mode and try to start the machine;
2. If the error does not reappear, replace the pattern drum;
3. If the error is displayed again, detach the connector from the board and check that there are no short-circuits among the wires;
4. Replace board 2719 or 2789 (respectively for WAC and MATRIX pattern drums).

RESTER.MAC

REER 01: graduation motor not at zero

If this error occurs it is very important to understand whether it is caused by a mechanical problem, a programming error or an electrical breakdown.

Let us try to analyze the various types of problems:

1. Cylinder blocked: in this case the motor is not able to perform all the steps sent to it by the machine and so it mistakes the calculation of the steps to finish the stocking. Remove the cause of the error and try again (for example, the screw driven by the motor is hard);
2. Program error: if the number of stitches programmed is too high, them motor may ascend too far, and touch the cylinder stop screw. This would case of loss of steps so that, when calculating the zero, at the end the stocking will stop and signal the error. In this case check at what point the wrong row is knitted and correct the error in the program;

If there are no mechanical hindrances or program error, check the electric-electronic circuit:

1. Check with the autotest of the cylinder raiser whether the motor moves with the following controls:

- Press the “space” key to enter the management menu;
- Press “D” to enter the general menu;
- Press “A” to access the autotest screen
- Press the key to enter the *cylinder raiser autotest screen*;
- With the appropriate controls test the three conditions of movement then, if the motor does not move, check the connections between the motor cable and PCB 2755 on 2754 in position M4; (see diagram pos.121)
- Check that led **Ds2** on board 2754 is on, if off (go to page21) and if on the input to the board, in J22, 36V are present, it is necessary to replace 2754.
- Replace board 2755;
- Replace the cylinder raiser motor;

2. If the motor moves but does not obey the reset command, it means the problem is related to the zero control circuit, in practice, the proximity. Detach it from the motor and try touching a metal part to check whether the led on the proximity lights up and, if not, replace it;
3. If the proximity lights up correctly, check the connections between the proximity and board 2755 in position M4;

- Replace board 2755;

REER 02: sinker pressure motor not at zero

If there are no mechanical or program errors, check the electric – electronic circuit:

1. Check with the sinker cover autotest whether the motor moves, using the following commands:

- Press the “space” key to enter the management menu;
- Press “D” to enter the general menu;
- Press “A” to access the autotest screen
- Press the key to enter the *sinker cover screen;*

- With the appropriate controls test the three conditions of movement then, if the motor does not move, check the connections between the motor cable and PCB 2755 on 2754 in position M2; (see diagram pos.121).
- Check that led **Ds2** on PCB 2754 is on, if off (go to page21) and if at the input to the board, on J22, 36V are present it is necessary to replace 2754.
- Check the fuse on PCB 2755 and make sure green led **Ds3** is on (presence of 36V).
- Replace board 2755;
- Replace sinker cover motor;

2. If the motor moves but does not obey the reset command, it means the problem is related to the zero control circuit, in practice, the proximity. Detach it from the motor and try touching a metal part to check whether the led on the proximity lights up and, if not, replace it;
3. If the proximity lights up correctly check the connections between the proximity and board 2755 in position M2;
4. Replace board 2755;

REER 03: sinker cap position not at zero

If there are no mechanical or program errors, check the electric – electronic circuit:

1. Check with the angular sinker cover autotest whether the motor moves, using the following commands:

- Press the “space” key to enter the management menu;
- Press “D” to enter the general menu;
- Press “A” to access the autotest screen
- Press the key to enter the *sinker cover screen;*
- With the appropriate controls ([F7], [F8], [F9]) test the three conditions of movement and, if the motor does not move, check the connections between the motor cable and PCB 2755 on 2754 in position M1; (see diagram pos.121).
- Check whether led **Ds2** on board 2754 is on, if off (go to page21) and if at the input to the board, on J22, 36V are present it is necessary to replace 2754.
- Check the fuse on PCB 2755 and make sure green led **Ds3** is on (presence of 36V).
- Replace board 2755;
- Replace angular sinker cover motor;

2. If the motor moves but does not obey the reset command, it means the problem is related to the zero control circuit, in practice, the proximity. Detach it from the motor and try touching a metal part to check whether the led on the proximity lights up and, if not, replace it;
3. If the proximity lights up correctly check the connections between the proximity and board 2755 in position M1;
4. Replace board 2755;

REER 09: machine not in working mode

The operation is not enabled because the machine is NOT processing.
Turn the key and repeat.

REER 10: graduation motor busy

The cylinder raiser motor is not able to finish one command before the next. Check the following:
1. Check whether the knitting program contains movements too close together;
2. Check the arrangement of the jumpers on board 2755 position M4 (see diagram of jumpers page 121).
3. Replace 2755.

REER 11: sinker cap motor busy

The sinker cover motor is not able to finish one command before the next. Check the following:
1. Check whether the knitting program contains movements too close together;
2. Check the arrangement of the jumpers on board 2755 position M2 (see diagram of jumpers page121).
3. Replace 2755.

REER 12: sinker cap position motor busy

The sinker cover is not able to finish one command before the next. Check the following:
1. Check whether the knitting program contains movements too close together;
2. Check the arrangement of the jumpers on board 2755 position M1 (see diagram of jumpers page 121).
3. Replace 2755.

REER 18: graduation motor wrong position

REER 19: sinker cap motor wrong position

REER 20 sinker cap posit. motor wrong position

The function checks that, during stocking production, with the machine running, the motor does not cover the zero proximity switch. This control starts when the motor has move a number of steps equal to the value specified in the custom software. The control is enabled once every turn.
If the error appears, during or after a manual change of the motor reference values, it means the value entered is higher than the maximum accepted. Check this.

REER 30 :No one zone found in this step

At this point the processing cycle is not in a sinker zone so it is impossible to display the values.

YARNER.MAC

YNER 01: machine not in work status

Operation not enabled because the machine is NOT processing.
Turn the key and repeat the operation, press [F8] to cancel the error.

YNER 02: machine not in programming status

Operation not enabled because the machine is NOT being programmed.
Go to step zero, turn the key and repeat the operation, press [F8] to cancel the error.

YNER 03: No one program .CO activated.

Enable the program desired and repeat the operation.

FILEER.MAC

Selected program not found

The error appears when a program that does not exist in the memory is enabled.
For example, in case of a link, when the program is missing or damaged, this error appears.
Proceed to enable a program existing in the memory.

Select subprogram not found

The error appears when a program is started and the coding does not contain a part of the program necessary to operation of the machine.
This may be due to incompatibility between the machine software and the Graphitron software, or in any case, to an error in creation of the coding. For problems of incompatibility, make any updates after contacting Lonati's technical personnel.

Programs memory deleted. Reload all.

This appears when the machine is switched on if, in the memory of PCB 2004, there is no stocking program. Press [F8] to remove the error.
The error can appear:

1. When a new PCB 2004 is connected:
   - load the desired programs;
2. Or if the batteries for conservation of the programs in PCB 2004 are discharged or improperly connected. If before switching off the machine there were programs and the error appears when it is switched on again, check that:

Jumper W2 is closed and PCB 468/2 (large buffer battery) is connected to connector J11;
Jumper W1 is open and at least 3.2V power is on the two batteries.

ERROR D.C.N. 01 Net Outcounter

The D.C.N. system has stopped the machine for end of production setting. (See Manual MDS/D.C.N.)

ERROR D.C.N. 02 Item and order not compatible

The program chain enabled and the product indicated in the order are different (See Manual MDS/DCN).

ERROR D.C.N. 03 Automatic enabling

This error, signaled by the DCN system (production control), warns the user that the program has been enabled by the DCN system (through the network), so subsequent production will be relative to a new product.

ERROR D.C.N. 08 Machine stop forced

This error, signaled by the DCN system (production control), warns the user that the machine has been stopped at the end of the cycle, forcing [F3], by the DCN system.

KEYBER.MAC

KBER 00: Selected language not-existing

The language selected does not exist. Select another language using the following controls:

1. Press the “space” key to enter the *main menu*;
2. Press “D” to enter the *general menu*;
3. Press “C” for the *client configuration menu*;
4. Press the key for the *keyboard configuration menu*;
5. Press the key that accesses the screen of the language to use;
6. On FL machines, not all the languages are available, so to know which ones can be selected request the specifications of the eprom software used on machine.
7. Select the desired language then press ESC until the confirmation that the setup data have been saved appears;
8. Save and switch off the machine.

MPPER.MAC

Air vacuum valve not at zero

If this error occurs it is very important to understand whether it is caused by a mechanical problem or an electrical one.

1. The valve is blocked: if dirt gets into the valve it can get so hard that the valve is unable to move. Dismantle and clean;
2. Check with the autotest of the partializing valve whether it moves using the following commands:
3. Press the “space” key to enter the management menu;
4. Press “D” to enter the general menu;
5. Press “A” to access the autotest screen
6. Press the key relative to the *partializing valve screen*;

- Using the appropriate commands test the three conditions of movement then, if it does not move, check the connections between the valve cable and PCB 2755 on 2754 in position M9; (see diagram pos. 121).
- Check that led **Ds2** on board 2754 is on, if off (go to page 21) and if on the input of the board, in J22, 36V power is present it is necessary to replace 2754.
- Check the fuse on PCB 2755 and make sure green led **Ds3** is on (presence of 36V).
- Replace board 2755;
- Replace partializing valve;

7. The valve moves but does not respond to the reset command: this means that the problem is connected to the zero control circuit, in practice to the proximity switch. After ascertaining that the adjustment is correct, detach it from the valve and try to touch a metal part to verify that the led on the proximity lights up and, if not, replace it;
8. If the proximity lights correctly check the connections between the proximity and board 2755 in position M9;
9. Replace board 2755;

Air vacuum valve busy

The partializing valve is unable to finish one command before the next. Check the following:

1. Make sure the movements in the stocking program are not too close together;
2. Check the arrangement of the jumpers on board 2755 position M9 (see jumper diagram121).
3. Replace 2755.

Raising dial motor not at zero

If this error occurs it is very important to understand whether it is caused by a mechanical problem or an electrical one.

1. Check whether the motor is blocked:

- Disconnect the power supply connector from the border raiser motor, disconnect the air and manually move the “border block” piston outward and observe whether the border moves freely. If blocked, remove the motor from the border raiser unit and verify whether the problem is relative to the glide of the border (repair the mechanical problem) or on the shaft of the motor which is too hard (in this case replace the border raiser motor).

2. Connect everything, as initial condition, and with the machine off, as in item 1 above, try to move the border manually. If it does not glide, there is probably a short-circuit between the motor phases:

- Check the cable from PCB 2755 position M3, to the border raiser motor;
- Replace PCB 2755.

If it glides freely:

- Check the movement with commands [CTRL] + [⇑] o [⇓], and if it does not move, check the connections between the motor cable and PCB 2755 on 2754 in position M3; (see diagram pos. 121) and connection between the cable of the encoder of the border raiser motor and J14 on 2004.
- Check that led **Ds2** on board 2754 is on, if off (go to page 21)and, in the input to the board, in J22, if 36V are present it is necessary to replace 2754.
- Check the fuse on PCB 2755 and make sure green led **Ds3** is on (presence of 36V).
- Replace board 2755;

- Replace the border raiser motor;
- Replace PCB 2004 (see page10).

10. The motor moves correctly but in descending it does not find zero: this means that the problem is related to the zero control circuit, in practice to the proximity. After ascertaining that adjustment is correct, disconnect it from the border raiser unit and try to touch a metal part to verify that the led on the proximity lights up and, if not, replace it;
4. If the proximity lights correctly check the connections between the proximity and board 2755 in position M3;
5. Replace board 2755;
6. Replace proximity.
7. Replace PCB 2004 (see page10).

MPER 26: Raising dial motor busy

The border motor is unable to finish one command before the next. Check the following:

1. Make sure the movements in the stocking program are not too close together
2. Check the arrangement of the jumpers on board 2755 position M3 (see jumper diagram 121).
3. Replace 2755.

MPER: Raising dial motor wrong position

The error appears if:

- After lowering the border manually (with keys [CTRL]+[⇓]) the real steps, to which the machine has physically gone, differ more than the acceptable tolerance (Tol.4 step) with respect to the theoretical steps it should go to.

- When position control is demanded by Graphitron and the theoretical position of the motor is different (≠2step) from that of the table.

Check in the program the **control of border position by Graphitron**, which could be set wrong.

MPER: Dial encoder wrong position

When position control is demanded by Graphitron and the theoretical position of the motor is equal to that of the table, only then the encoder is check and if out of tolerance this error appears.

- Check the connections between the motor cable and PCB 2755 on 2754 in position M3; (see diagram pos. 121) and connection between the encoder cable of the border raiser motor and J14 on 2004.
- Replace the border raiser motor, then replace PCB 2755.
- If the error persists replace PCB 2754 and then PCB 2004 (see page10).

MPER 99: Dial right position busy error

The motor is making or has made the movement but the control of position was ordered before the end of the operation. Move the GRAPHITRON control to a correct position (farther ahead).

DIAL NOT AT ZERO!! MANUAL RESET OBLIGED

The error appears when the machine is switched on with the key in processing (OK). With keys [CTRL]+ [⇓] take the motor to zero then press [F8] to remove the error.

DIAL MANUAL MOVEMENT NOT COMPLETED

This appears when, if the border raiser motor is moved manually, it does not reach the maximum or working height and the START key is pressed.
Move the border raiser motor with [CTRL]+ [⇑] or [⇓] to one of the two correct states accepted by the software, press [F8] to remove the error.

Air vacuum valve not departed.

This is a control of the busy signal. Check that after 500ms from startup of the motor, the busy status changes (motor started). See page41

Raising dial motor not departed.

This is a control of the busy signal. Check that after 500ms from startup of the motor, the busy status changes (motor started). See page42

ATTENTION !! dial lock piston inserted .

The alarm appears when the safety piston for the border is inserted, and permits the latter not to descent in case of sudden power outage.
The message appears when the machine is switched on if the serial outputs have not been configured, in this case just press in sequence [CTRL]+[A] (configuration of serial outputs) and [Y] to the query `Confirm autoconfiguration of serial outputs? [Y]= Yes, [N]= No.`
When switched on, after the key is turned to processing (OK), the piston pops out and releases the border. If this should not occur, check the operation of its solenoid valve on the serial bars in the rear case and replace if necessary.
If the error persists proceed as follows:

1. Disconnect the eyelet on the border blocking piston (`stop vert pist`) and place it on a metal part, grounding it, then press [F8].
2. If the error disappears, replace the mechanical part of the border blocking piston unit.
3. If the error does not disappear after pressing [F8], check the connection between the eyelet on the `stop vert pist` and the control of the stop on PCB 2703 J9 (pin 11) see page201.
4. Replace PCB 2703.

SCORER.MAC

LEARNING KO: sample table completed

The table designed to contain the sensor states is insufficient. Replace PCB 2004. If the problem persists it concerns the custom software: contact Dinema.

LEARNING KO: memory completed

Maximum number of learning cycle for yarn glide exceeded (max. 50). Cancel one and repeat the learning procedure.

SCER 04 : encoder data are wrong

The process of sample analysis by the sensors is slow. The problem concerns the software, call Dinema.

YARN NOT CUTTED Sensor no. xx

This is the error displayed by the machine whenever a thread glides in a point of the stocking cycle where the learning procedure has memorized a stopped status.

In case of false error proceed as follows:
1. Repeat the learning procedure;
2. Make sure the yarn is effectively stopped by checking the led on the sensor. If the led is green the yarn is in motion. If red, it is stopped;
3. If the led is green, make sure there is nothing pulling the yarn;
4. If the led remains red all the time but there is an error signal, replace the sensor and/or board 2004.

BROKEN YARN Sensor no. xx

This is the error message displayed by the machine when a thread does not glide at a point of the program in which the learning process has memorized a state of motion.

In case of false error, proceed as follows:
1. Repeat the learning procedure;
2. Make sure the thread is actually in motion by checking the led on the sensor. If the led is green the thread is in motion. If the led is red lit it is stopped;
3. Check that, due to a thread that “pulls”, it does not move outside the field read by the sensor and, in this case, center it using the two yarnguide plates;
4. If the led stays green all the time, but there is an error signal, replace the sensor and/or the board 2004.

SCER 07: no signal from sensors

At the end of self-learning there is no signal of yarn glide from the sensors. The machine is not correctly threaded, the sensors are disconnected or not powered.
Proceed as follows

1. Check that all the sensor leds are on.
2. Check the connection between connector “btsr” on the end of the sensor cable and PCB 2004 connector J10
3. Replace PCB 2004 (see page10).

Serial sensors eeprom damaged. Make identificat.

The BTSR management eeprom located on PCB 2004 is not configured correctly. Number all the sensors and, if the problem persists, replace PCB 2004 (see page10).

Configure serial sensors parameters

The eeprom for control of BTSR on PCB 2004 is not configured correctly. Reconfigure the parameters of all the sensors and, if the problem persists, replace PCB 2004.

Serial sensors control not recognized

Error of communication with sensors. Software problem, call Dinema.

Transmission by serial sensors is wrong

There is interference on the serial line between board 2004 and the sensors. It is also possible that one of the sensors is broken or that 2 sensors have been numbered with the same code.

1. Repeat the numbering procedure;
2. Replace board 2004 (see page10).

Switch off machines to enable values

Indicates that the operation requested cannot be carried out because yarn glide disabled. Proceed as indicated on the screen.

Serial sensor do not answer to transmission

Sensor broken, not connected correctly or not numbered.

1. Check that the sensor is connected correctly;
2. Repeat the numbering procedure;
3. Replace the sensor;
4. Replace board 2004.

Serial sensors too slow

There is interference on the serial line between board 2004 and the sensors. It is also possible that one of the sensors is broken or that 2 sensors have been numbered with the same code.
Check the following:

1. Make sure the yarn structure is grounded with the ground screws in the left compartment on the machine;
2. Check that the ground wire proceeding from cable "btsr" is connected to the supporting ring on the BTSR (there must be two grounded cables).
3. Repeat the procedure of numbering the sensors;

4. Check that the number of samplings is adequate for the type of sensors (2 for serial sensors)
5. Press the “space” key to enter the main menu;
6. Press “D” to enter the general menu;
7. Press “C” for client configuration
8. Press the key to access the *menu for configuration of yarn glide*;
9. Press the letter for the screen *number of samplings per turn*;
10. Check that the number selected coincides with the adequate number and if not, change it;
11. Press “ESC” until asked to save and, after confirming, switch the machine off and on again.
12. Replace board 2004.

Serial sensor wrong configuration

Generally, this error is displayed when the sensor is broken or not numbered correctly.

1. Number the individual sensor;
2. Replace the same sensor;
3. Replace board 2004.

NOTE!! For problems on the BTSRs, before replacing PCB 2004, follow the above procedures carefully.

Customized Errors:

This list includes all the error related to the cams and various stops, and are generally located in the cylinder zone.

In case of error, proceed as follows:

1. Check whether the error is due to an error in operation of the associated outputs or to a reading error by the input;
2. In both cases, refer to the list described below checking the output and/or the input;
3. If the connections are correct replace the PCB 2703 board;
4. If in spite of this replacement the error should persist, proceed to the controls of the serial line as described on page 12.

Machine FL454J^{CT}:

Upper plate

Stop 1U Throat plate

1. Board 2703 solenoid valve J6 pin 1;
2. Bar 1 solenoid valve 13 (enabled);
3. Bar 2 solenoid valve 2 (disabled).

Stop 2U Latch needles 3

1. Board 2703 solenoid valve J6 pin 2;
2. Bar 5 solenoid valve 14.

Stop 3U Latch needles 2

1. Board 2703 solenoid valve J6 pin 3;
2. Bar 2 solenoid valve 15.

Stop 4U Latch needles 1

1. Board 2703 solenoid valve J6 pin 4;
2. Bar 6 solenoid valve 2 .

Stop 5U Needles butt

1. Board 2703 solenoid valve J6 pin 5;
2. Bar 7 solenoid valve 1.

Intermediate plate

Stop 1M Tucking cam feed 2

1. Board 2703 solenoid valve J7 pin 1;
2. Bar 7 solenoid valve 15 (position A);
3. Bar 7 solenoid valve 16 (position B).

Stop 2M Clearing cam feed 2

1. Board 2703 solenoid valve J7 pin 2;
2. Bar 6 solenoid valve 12 (position A);
3. Bar 6 solenoid valve 11 (position B).

Stop 3M Stitch cam feed 2 pos. "B"

1. Board 2703 solenoid valve J7 pin 3;
2. Bar 6 solenoid valve 13

Stop 4M Stitch cam feed 2 pos. "A"

1. Board 2703 solenoid valve J7 pin 4;
2. Bar 6 solenoid valve 14.

Stop 5M Lowering Needles colour 3

1. Board 2703 solenoid valve J7 pin 5;
2. Bar 4 solenoid valve 16.

Stop 6M Tucking cam feed 3

1. Board 2703 solenoid valve J7 pin 6;
2. Bar 5 solenoid valve 11 (position A);
3. Bar 5 solenoid valve 12 (position B).

Stop 7M Raise medium jacks colour 1

1. Board 2703 solenoid valve J7 pin 7;
2. Bar 6 solenoid valve 10.

Stop 8M Stitch cam feed 3 pos. "B"

1. Board 2703 solenoid valve J7 pin 8;
2. Bar 5 solenoid valve 9.

Stop 9M Stitch cam feed 3 pos. "A"

1. Board 2703 solenoid valve J7 pin 9;
2. Bar 6 solenoid valve 9.

Stop 10M Lowering needles colour 1

1. Board 2703 solenoid valve J7 pin 10;
2. Bar 5 solenoid valve 10.

Stop 11M Tucking cam feed 4

1. Board 2703 solenoid valve J7 pin 11;
2. Bar 6 solenoid valve 16 (position A);
3. Bar 6 solenoid valve 15 (position B).

Stop 12M Raise medium jacks colour 2

1. Board 2703 solenoid valve J7 pin 12;
2. Bar 5 solenoid valve 13.

Stop 13M Stitch cam feed 4 pos. "B

1. Board 2703 solenoid valve J7 pin 13;
2. Bar 5 solenoid valve 2.

Stop 14M Stitch cam feed 4 pos. "A"

1. Board 2703 solenoid valve J7 pin 14;
2. Bar 5 solenoid valve 3.

Stop 15M Lowering needles colour 2

1. Board 2703 solenoid valve J7 pin 15;
2. Bar 5 solenoid valve 6.

Stop 16M Tucking cam feed 1

1. Board 2703 solenoid valve J7 pin 16;
2. Bar 5 solenoid valve 4 (position B);
3. Bar 5 solenoid valve 5 (position A).

Stop 17M Raiser needle transfer

1. Board 2703 solenoid valve J8 pin 1;
2. Bar 4 solenoid valve 7 (position A);
3. Bar 4 solenoid valve 8 (position B).

Stop 18M Raiser needles enter heel and toe

1. Board 2703 solenoid valve J8 pin 2;
2. Bar 5 solenoid valve 7 (position A);

Stop 19M Lowering needles clearing cam

1. Board 2703 solenoid valve J8 pin 3;
2. Bar 5 solenoid valve 1.

Stop 20M Heel and toe stitch cam pos. "B"

1. Board 2703 solenoid valve J8 pin 4;
2. Bar 5 solenoid valve 8.

Stop 21M Heel and toe stitch cam pos. "A"

1. Board 2703 solenoid valve J8 pin 5;
2. Bar 6 solenoid valve 8.

Stop 22M Sole splicing cam feed 1

1. Board 2703 solenoid valve J8 pin 6;
2. Bar 2 solenoid valve 3.

Stop 23M Raise fabric closed toe

1. Board 2703 solenoid valve J8 pin 7;
2. Bar 4 solenoid valve 5.

Stop 24M Central cam stop

1. Board 2703 solenoid valve J8 pin 8;
2. Bar 2 solenoid valve 14

Stop 25M Stitch cam feed 1 pos. "A"

1. Board 2703 solenoid valve J8 pin 9;
2. Bar 4 solenoid valve 2.

Stop 26M Stitch cam feed 1 pos. "B"

1. Board 2703 solenoid valve J8 pin 10;
2. Bar 4 solenoid valve 1.

Stop 27M Lowering needles cam out heel and toe

1. Board 2703 solenoid valve J8 pin 11;
2. Bar 7 solenoid valve 14

Lower plate

Stop 1L Jacks extraction drum 2

1. Board 2703 solenoid valve J8 pin 12;
2. Bar 4 solenoid valve 10.

Stop 2L - Jacks extraction drum 3

1. Board 2703 solenoid valve J8 pin 13;
2. Bar 4 solenoid valve 11.

Stop 3L - Jacks extraction drum 4

1. Board 2703 solenoid valve J8 pin 14;
2. Bar 4 solenoid valve 12.

Stop 4L - Jacks extraction drum 1

1. Board 2703 solenoid valve J8 pin 15;
2. Bar 4 solenoid valve 9.

Machine FL454J^{OT}:

Upper plate

Stop 1U Throat plate

1. Board 2703 solenoid valve J6 pin 1;
2. Bar 1 solenoid valve 13 (enabled);
3. Bar 7 solenoid valve 2 (disabled).

Stop 2U Latch needles 3

1. Board 2703 solenoid valve J6 pin 2;
2. Bar 5 solenoid valve 14.

Stop 3U Latch needles 2

1. Board 2703 solenoid valve J6 pin 3;
2. Bar 2 solenoid valve 15.

Stop 4U Latch needles 1

1. Board 2703 solenoid valve J6 pin 4;
2. Bar 6 solenoid valve 2 .

Stop 5U Needles butt

1. Board 2703 solenoid valve J6 pin 5;
2. Bar 7 solenoid valve 1.

Intermediate plate

Stop 1M Tucking cam feed 2

1. Board 2703 solenoid valve J7 pin 1;
2. Bar 7 solenoid valve 15 (position A);
3. Bar 7 solenoid valve 16 (position B).

Stop 2M Clearing cam feed 2

1. Board 2703 solenoid valve J7 pin 2;
2. Bar 6 solenoid valve 12 (position A);
3. Bar 6 solenoid valve 11 (position B).

Stop 3M Stitch cam feed 2 pos. "B"

1. Board 2703 solenoid valve J7 pin 3;
2. Bar 6 solenoid valve 13

Stop 4M Stitch cam feed 2 pos. "A"

1. Board 2703 solenoid valve J7 pin 4;
2. Bar 6 solenoid valve 14.

Stop 5M Lowering needles colour 3

1. Board 2703 solenoid valve J7 pin 5;
2. Bar 4 solenoid valve 16.

Stop 6M Tucking cam feed 3

1. Board 2703 solenoid valve J7 pin 6;
2. Bar 5 solenoid valve 11 (position A);
3. Bar 5 solenoid valve 12 (position B).

Stop 7M Raise medium jacks colour 1

1. Board 2703 solenoid valve J7 pin 7;
2. Bar 6 solenoid valve 10.

Stop 8M Stitch cam feed 3 pos. "B"

1. Board 2703 solenoid valve J7 pin 8;
2. Bar 5 solenoid valve 9.

Stop 9M Stitch cam feed 3 pos. "A"

1. Board 2703 solenoid valve J7 pin 9;
2. Bar 6 solenoid valve 9.

Stop 10M Lowering needles colour 1

1. Board 2703 solenoid valve J7 pin 10;
2. Bar 5 solenoid valve 10.

Stop 11M Tucking cam feed 4

1. Board 2703 solenoid valve J7 pin 11;
2. Bar 6 solenoid valve 16 (position A);
3. Bar 6 solenoid valve 15 (position B).

Stop 12M Raise medium jacks colour 2

1. Board 2703 solenoid valve J7 pin 12;
2. Bar 5 solenoid valve 13.

Stop 13M Stitch cam feed 4 pos. "B

1. Board 2703 solenoid valve J7 pin 13;
2. Bar 5 solenoid valve 2.

Stop 14M Stitch cam feed 4 pos. "A"

1. Board 2703 solenoid valve J7 pin 14;
2. Bar 5 solenoid valve 3.

Stop 15M Lowering needles colour 2

1. Board 2703 solenoid valve J7 pin 15;
2. Bar 5 solenoid valve 6.

Stop 16M Tucking cam feed 1

1. Board 2703 solenoid valve J7 pin 16;
2. Bar 5 solenoid valve 4 (position B);
3. Bar 5 solenoid valve 5 (position A).

Stop 17M Raiser needles transfer

1. Board 2703 solenoid valve J8 pin 1;
2. Bar 4 solenoid valve 7 (position A);
3. Bar 4 solenoid valve 8 (position B).

Stop 18M Raiser needles enter heel and toe

1. Board 2703 solenoid valve J8 pin 2;
2. Bar 5 solenoid valve 7;

Stop 19M Lowering needles clearing cam

1. Board 2703 solenoid valve J8 pin 3;
2. Bar 5 solenoid valve 1.

Stop 20M Heel and toe stitch cam pos. "B"

1. Board 2703 solenoid valve J8 pin 4;
2. Bar 5 solenoid valve 8.

Stop 21M Heel and toe stitch cam pos "A"

1. Board 2703 solenoid valve J8 pin 5;
2. Bar 6 solenoid valve 8.

Stop 22M Sole splicing cam feed 1

1. Board 2703 solenoid valve J8 pin 6;
2. Bar 2 solenoid valve 3.

Stop 23M Stitch cam feed 1 pos. "A"

1. Board 2703 solenoid valve J8 pin 7;
2. Bar 4 solenoid valve 2.

Stop 24M Stitch cam feed 1 pos. "B"

1. Board 2703 solenoid valve J8 pin 8;
2. Bar 4 solenoid valve 1.

Stop 27M Lowering needles cam out heel and toe

1. Board 2703 solenoid valve J8 pin 11;
2. Bar 7 solenoid valve 14

Lower plate

Stop 1L Jacks extraction drum 2

1. Board 2703 solenoid valve J8 pin 12;
2. Bar 4 solenoid valve 10.

Stop 2L - Jacks extraction drum 3

1. Board 2703 solenoid valve J8 pin 13;
2. Bar 4 solenoid valve 11.

Stop 3L - Jacks extraction drum 4

1. Board 2703 solenoid valve J8 pin 14;
2. Bar 4 solenoid valve 12.

Stop 4L - Jacks extraction drum 1

1. Board 2703 solenoid valve J8 pin 15;
2. Bar 4 solenoid valve 9.

Machine FL62c6^{CT}:

Upper plate

Stop 1U Throat plate

1. Board 2703 solenoid valve J6 pin 1;
2. Bar 2 solenoid valve 13 (enabled);
3. Bar 3 solenoid valve 6 (disabled).

Stop 2U Latch needles 1

1. Board 2703 solenoid valve J6 pin 2;
2. Bar 7 solenoid valve 15.

Stop 3U Latch needles 2 or clear dial jacks

1. Board 2703 solenoid valve J6 pin 3;
2. Front color yarn finger unit.

Stop 4U Needles butt

1. Board 2703 solenoid valve J6 pin 4;
2. Bar 7 solenoid valve 7.

Intermediate plate

Stop 1M Tucking cam feed 2

1. Board 2703 solenoid valve J7 pin 1;
2. Bar 7 solenoid valve 16 (position A);
3. Bar 6 solenoid valve 16 (position B).

Stop 2M Lowering needles cam out heel and toe

1. Board 2703 solenoid valve J7 pin 2;
2. Bar 6 solenoid valve 14.

Stop 3M Lowering needles elastic

1. Board 2703 solenoid valve J7 pin 3;
2. Bar 6 solenoid valve 12 (position B);
3. Bar 6 solenoid valve 13 (position A).

Stop 4M Raise medium jacks colour 6

1. Board 2703 solenoid valve J7 pin 4;
2. Bar 6 solenoid valve 14.

Stop 5M Lowering needles colour 6

1. Board 2703 solenoid valve J7 pin 5;
2. Bar 6 solenoid valve 11.

Stop 6M Raiser needles clip end

1. Board 2703 solenoid valve J7 pin 6;
2. Bar 4 solenoid valve 16.

Stop 7M Stitch cam feed 2 pos. "B"

1. Board 2703 solenoid valve J7 pin 7;
2. Bar 6 solenoid valve 9.

Stop 8M Stitch cam feed 2 pos. "A"

1. Board 2703 solenoid valve J7 pin 8;
2. Bar 6 solenoid valve 10.

Stop 9M Lowering needles colour 5

1. Board 2703 solenoid valve J7 pin 9;
2. Bar 5 solenoid valve 8.

Stop 10M Raiser needles enter heel and toe

1. Board 2703 solenoid valve J7 pin 10;
2. Bar 6 solenoid valve 7 (Long);
3. Bar 6 solenoid valve 8 (Long-med.).

Stop 11M Latch opener transfer cam

1. Board 2703 solenoid valve J7 pin 11;
2. Bar 5 solenoid valve 9 (position A);
3. Bar 5 solenoid valve 10 (position B).

Stop 12M Lowering needles transfer cam

1. Board 2703 solenoid valve J7 pin 12;
2. Bar 5 solenoid valve 11 (position A);
3. Bar 5 solenoid valve 12 (position B).

Stop 13M Tucking cam feed 1

1. Board 2703 solenoid valve J7 pin 13;
2. Bar 6 solenoid valve 2 (position A);
3. Bar 6 solenoid valve 3 (position B).

Stop 14M Raiser needles transfer

1. Board 2703 solenoid valve J7 pin 14;
2. Bar 3 solenoid valve 1 (position A);
3. Bar 3 solenoid valve 2 (position B).

Stop 15M Heel and toe stitch cam pos. "B"

1. Board 2703 solenoid valve J7 pin 15;
2. Bar 6 solenoid valve 6;

Stop 16M Heel and toe stitch cam pos."A"

1. Board 2703 solenoid valve J7 pin 16;
2. Bar 6 solenoid valve 5;

Stop 17M Raiser fabric closed toe

1. Board 2703 solenoid valve J8 pin 1;
2. Bar 3 solenoid valve 4.

Stop 18M Central Cam

1. Board 2703 solenoid valve J8 pin 2;
2. Bar 4 solenoid valve 15.

Stop 19M Stitch cam feed 1 pos. "A"

1. Board 2703 solenoid valve J8 pin 3;
2. Bar 6 solenoid valve 1.

Stop 20M Stitch cam feed 1 pos. "B"

1. Board 2703 solenoid valve J8 pin 4;
2. Bar 5 solenoid valve 1.

Lower plate

Stop 1L Selector exclusion feed 2

1. Board 2703 solenoid valve J8 pin 12;
2. Bar 5 solenoid valve 13.

Stop 2L – Selector exclusion feed 1

1. Board 2703 solenoid valve J8 pin 13;
2. Bar 5 solenoid valve 14.

Stop 3L – Elastic selectors exclusion

1. Board 2703 solenoid valve J8 pin 14;
2. Bar 5 solenoid valve 7.

Machine FL62c6^{OT}:

Upper plate

Stop 1U Throat plate

1. Board 2703 solenoid valve J6 pin 1;
2. Bar 2 solenoid valve 13 (enabled);
3. Bar 3 solenoid valve 6 (disabled).

Stop 2U Latch needles 1

1. Board 2703 solenoid valve J6 pin 2;
2. Bar 7 solenoid valve 15.

Stop 3U Latch needles 2 clear dial jack

1. Board 2703 solenoid valve J6 pin 3;
2. Front color yarn finger unit.

Stop 4U Needles butt

1. Board 2703 solenoid valve J6 pin 4;
2. Bar 7 solenoid valve 7.

Intermediate plate

Stop 1M Tucking cam feed 2

1. Board 2703 solenoid valve J7 pin 1;
2. Bar 7 solenoid valve 16 (position A);
3. Bar 6 solenoid valve 16 (position B).

Stop 2M Lowering needles cam out heel and toe

1. Board 2703 solenoid valve J7 pin 2;
2. Bar 6 solenoid valve 14.

Stop 3M Lowering needles elastic

1. Board 2703 solenoid valve J7 pin 3;
2. Bar 6 solenoid valve 12 (position B);
3. Bar 6 solenoid valve 13 (position A).

Stop 4M Raise medium jacks colour 6

1. Board 2703 solenoid valve J7 pin 4;
2. Bar 6 solenoid valve 14.

Stop 5M Lowering needles colour 6

1. Board 2703 solenoid valve J7 pin 5;
2. Bar 6 solenoid valve 11.

Stop 7M Stitch cam feed 2 pos. "B"

1. Board 2703 solenoid valve J7 pin 7;
2. Bar 6 solenoid valve 9.

Stop 8M Stitch cam feed 2 pos. "A"

1. Board 2703 solenoid valve J7 pin 8;
2. Bar 6 solenoid valve 10.

Stop 9M Lowering needles colour 5

1. Board 2703 solenoid valve J7 pin 9;
2. Bar 5 solenoid valve 8.

Stop 10M Raiser needles heel and toe

1. Board 2703 solenoid valve J7 pin 10;
2. Bar 6 solenoid valve 7 (Long);
3. Bar 6 solenoid valve 8 (Long-med.).

Stop 11M Latch opener transfer cam

1. Board 2703 solenoid valve J7 pin 11;
2. Bar 5 solenoid valve 9 (position A);
3. Bar 5 solenoid valve 10 (position B).

Stop 12M Lowering needles transfer cam

1. Board 2703 solenoid valve J7 pin 12;
2. Bar 5 solenoid valve 11 (position A);
3. Bar 5 solenoid valve 12 (position B).

Stop 13M Tucking cam feed 1

1. Board 2703 solenoid valve J7 pin 13;
2. Bar 6 solenoid valve 2 (position A);
3. Bar 6 solenoid valve 3 (position B).

Stop 15M Heel and toe stitch cam pos. "B"

1. Board 2703 solenoid valve J7 pin 15;
2. Bar 6 solenoid valve 6;

Stop 16M Heel and toe stitch cam pos. "A"

1. Board 2703 solenoid valve J7 pin 16;
2. Bar 6 solenoid valve 5;

Stop 17M Stitch cam feed 1 pos. "A"

1. Board 2703 solenoid valve J8 pin 1;
2. Bar 5 solenoid valve 1.

Stop 18M Stitch cam feed 1 position "B"

1. Board 2703 solenoid valve J8 pin 2;
2. Bar 6 solenoid valve 1.

Lower plate

Stop 1L – Selectors exclusion feed 2

1. Board 2703 solenoid valve J8 pin 12;
2. Bar 5 solenoid valve 13.

Stop 2L - Selectors exclusion feed 1

1. Board 2703 solenoid valve J8 pin 13;
2. Bar 5 solenoid valve 14.

Stop 3L Elastic selectors exclusion

1. Board 2703 solenoid valve J8 pin 14;
2. Bar 5 solenoid valve 7.

Alarms

Alarms cause stoppage of the machine. To start the machine again it must be switch off and on again.
After an alarm the machine starts from step zero, take particular care if it stops during a stocking cycle.

MAINAL.MAC

MNAL 01: Zero encoder alarm

This alarm is signaled if, when the machine is started, more than one zero phase is detected in the space of one turn of the cylinder. The error can be caused by:
1. Resolver broken;
2. Motor drive;
3. PCB 2004;
4. Check that the resolver is connected to the J12 of the drive. Check the connection between the J7 of the drive and the J9 of PCB 2004.

MNAL 02 Wrong program information alarm

The size selected has NOT been coded. Select a coded size (e.g. Size 1).

MNAL 03 Counting encoder alarm

The machine is receiving a resolver impulse value that is not correct. Check the circuit of the resolver count as follows:
1. Make sure the resolver is connected to J12 of the drive.
2. Check the connection between J7 of the drive and J9 on PCB 2004.
3. Replace the resolver
4. Replace the drive
5. Replace PCB 2004.

MNAL 05: Wrong codify version subprogram SUPE

Graphitron version and machine eprom version NOT compatible. Check the updating of the computer and machine.

MNAL 06: Encoder boards data missing

This error signals that the software cannot find any procedure for control of the encoder wiring. It may only be a problem of the machine software (custom) and should never appear to the client, if it does, contact LONATI's technical personnel immediately.

Link-program not compatible

Graphitron version and machine eprom version NOT compatible. Check the updating of the computer and machine.

Article activation not allowed

In the link program there is a program name not loaded on the machine. Load the program on the machine and repeat.

MNAL 16: Degree lost due to cross over

Control of a degree not completed before arrival of the next. Problem of the machine software: contact Dinema.

MNAL 17: Needle lost due to cross over

Control of a needle not completed before arrival of the next. Problem of the machine software: contact Dinema.

Updating complete Turn off machine.

Appears after updating "FLASH" on PCB 2004 with a file.up, after switching off as instructed is does not appear again.

MNAL 21 Watch-dog DSP

The machine with this alarm warns the user of a problem on the DSP of PCB 2004: the green led Ds8 is off rather than flashing. Switch off machine and the next time it is switched on, if the error is still there, replace PCB 2004.
This breakdown can also be caused by the software so, if resolution of the problem is difficult, consult the LONATI technical personnel.

MNAL 22 Watch-dog MPP

The error indicates that communication between PCB 2004 and PCB 2754 (board for the control of the step-step motor) is interrupted. Green led Ds4 on 2754 will be off rather than flashing. Check connection of the "flat" cable between J23 on PCB 2754 and J3 on PCB 2004.
Switch off machine and the next time it is switched on, if the error is still there, replace PCB 2754 the, if necessary, PCB 2004.

MOTOAL.MAC

MTAL 01: Too high motor speed

This alarm occurs when the maximum speed allowed for the machine is exceeded. The speed is read by the resolver.
In case of error proceed as follows:
1. Check whether the resolver is connected to the J12 of the drive.
2. Check the connection between J7 of the drive and J9 of PCB 2004
3. Check the wiring of the machine motor
4. Replace the resolver
5. Replace the drive
6. Replace PCB 2004.

MTAL 03: Encoder disconnected

This alarm appears when the machine is running, when the PCB 2004 does not receive a resolver phase.
The cause of the error can be found in the hardware chain of the wiring.

1. Check that the resolver is connected to J12 of the drive.
2. Check the connection between J7 of the drive and J9 of PCB 2004
3. Replace the resolver
4. Replace the drive
5. Replace PCB 2004.

MTAL 08: Motor speed update failure

Error in machine software in management of speed change gradients.

MTAL 10: Automa. status not valid

No event insertion in circular buffer for change of status. Problem of machine software: contact Dinema.

MTAL 14: Heel begin failure

The machine is not able to stop correctly to perform the heel function (row too short or speed to high). This is a problem of the machine software, contact Dinema.

MTAL 17: EEPROM operation failure

Failure to save heel parameters in flash. Replace PCB 2004A/1, if the problem persists contact Dinema for problems relative to the machine software.

MOTOER.MAC

MTER 01 Obstruct

This alarm occurs when the reference value of the motor drive has been taken to the maximum limit (± 10V DC) for over 20msec without moving the machine (no signal from resolver). This normally means that the machine is too hard to move and that therefore there is some mechanical hindrance blocking it.
It could also be caused by the lack of signals from the resolver on PCB 2004 see, for further suggestions for resolution, the part regarding the motor drive alarm, see page16. In case of error the operations to perform are as follows:

1. Check the machine motor phases on board 2832
2. Replace PCB 2832
3. Replace the motor drive
4. Replace PCB 1799
5. Rephase the resolver
6. Replace resolver

CHAINAL.MAC

CHAL 03 Link full

More than 50 functions have been programmed at the same time.
Check that the stocking program does not contain more than 50 functions programmed at the same degree.
Edit function programming so as to space them over several steps or degrees.

CHAL 05 DISPATCH not allowed

Version of system software and of custom eprom NOT compatible. This error should never appear to the user, because it signals an error in the software, if it does, contact the LONATI technical personnel for the update of the correct version of the software.

CHAL 07 Direct dispatch oper. error

Detects an error in the programming of the type 30 functions. It is a problem concerning the custom eprom: notify Lonati.

CHAL 08 Output EV pneumat. error

Problem of the custom software regarding control of pneumatic outputs. Notify Lonati.

CHAL 09 Bit configuration unknown

This alarm appears with the software finds an unexpected situation, during passage of status in the automation of the machine (value of registrations or data not correct).
May be caused by a malfunction of the PC B2004 but more likely by a software problem: contact Dinema.

CHAL 10 Wrong Logics number

Problem of the custom software: notify Lonati.

CHAL 12 Wrong Codify version Sub-program CATE

Graphitron version and machine software version NOT compatible. Check update status of computer and machine.

CHAL 13 Too high machine temperature

The error appears when the sensor under the lower plate near the motor cable connections detects a temperature of at least 70°C.
It is then necessary to determine whether the temperature of the machine is really near the maximum allowed or is caused by a mechanical type of resistance (friction). It is unlikely that this error will appear on the display in case of overheating of the machine, because it will be preceded by `MOTOR DRIVE ALARM`, in any case, follow the procedure for overheating of motor beyond the limit `Er03` `see page17`.
Very rarely, there may be an error on switching on the machine due to failure to load the software or breakdown of PCB 2004. As these are not errors caused by the temperature the message can be considered fictitious, so proceed to load the software or replace PCB 2004 if necessary.

CHAL 14 Serial outputs not configurated

Switch the machine off and on again then reconfigure the serial outputs (see instructions in manual on use of keyboard).

CHAL 15 General error serial outputs

The alarm signals that there is a problem on the serial line but as it is generic it does not indicate the cause.
In case of error follow the procedure on page13.

CHAL 16 Error. Serial outputs missing

Problem regarding custom software in logic control of serial I/O.

Bars configured. Turn off machine

This alarm is displayed at the end of the self-learning procedure of the serial outputs. Switch the machine off and on again.

Wrong bars writing in EEPROM

The bars have not been configured correctly in the "FLASH" memory of PCB 2004\2000.
There are two possible causes of this message:

1. A hardware defect on PCB 2004\2000 (e.g. FLASH memory defective), replace board;
2. A problem in the machine software and in this case, update the software if possible with a machine in the stocking mill or contact the LONATI service personnel for more information.

CHAL 20: Wrong codify version sub-program EFUN

Graphitron version and machine software version NOT compatible. Check update status of computer and machine.

Serial outputs card reset end

This alarm is displayed at the end of the reset procedure on the serial outputs. Switch the machine off and on again.

Function code unknown

This alarm signals incompatibility between the coded program and the machine software. It appears during the stocking cycle when the coded program calls for a function that does not exist in the machine eprom.
Check in the step chain, where the error appears, all the functions called for by the program and if possible eliminate any incompatible ones.
Proceed to update the machine software.

DRUMAL.MAC

DRAL 02: Loading course not complete

The machine does not have time to perform all the activities required in one step. Check the program (it is the most probable source of the problem) and/or replace board 2004/2000.

DRAL 04: Wrong pattern drums number

This alarm indicates incompatibility between the programming software (Graphitron) and the machine software (eprom). Check the number of pattern drums coded in the program, update.

DRAL 05: Missing subprogram JACQUARD

This alarm indicates incompatibility between the programming software (Graphitron) and the machine software (eprom). Check whether part of the program expected by the machine is missing, update.

DRAL 06: Missing subprogram DISE

This alarm indicates incompatibility between the programming software (Graphitron) and the machine software (eprom). Check whether part of the program expected by the machine is missing, update.

DRAL 07 Task DRUM too slow

The machine does not have time to perform all the activities required in one step..

DRAL 09 Program needles count not ok

The machine needles are not equal to the program running. Run a program with the same number of needles as the machine or set the machine (using SETUP) with the correct number of needles.

DRAL 10: Bit configuration failure

This alarm appears with the software finds an unexpected situation, during passage of status in the automation of the machine (value of registrations or data not correct).
May be caused by a malfunction of the PC B2004 but more likely by a software problem: contact Dinema.

DRAL 11 Too many overlay patterns

Programming of patterns wrong. Correct program.

DRAL 12: Missing subprogram FINGERS

This alarm indicates incompatibility between the programming software (Graphitron) and the machine software (eprom).

DRAL 13: Wrong color feeds number

Graphitron version and machine software version NOT compatible. Check update status of computer and machine.

DRAL 14: Logic colour fingers too slow

The machine does not have time to perform all the activities required in one step. Check the program and/or replace board 2004/2000.

DRAL 15: too many patterns on same course

Programming of patterns wrong. Correct program.

DRAL 16: Loading command fingers buff. not complete

The machine does not have time to perform all the activities required in one step. Check the program and/or replace board 2004/2000.

DRAL 17: Pattern colour fingers overlay

Programming of patterns wrong. Correct program.

DRAL 18 Missing needle

The machine is receiving an improper resolver impulse value. Check:
1. Make sure the resolver is connected to J12 of the drive.
2. Check the connection between J7 of the drive and J9 of PCB 2004.
3. Replace the resolver
4. Replace the drive
5. Replace PCB 2004.

DRAL 20: Wrong codify version. Subprogram TAMB

Graphitron version and machine software (eprom) version NOT compatible. Check update status of computer and machine.

DRAL 21: Wrong codify version Subprogram GUID

Graphitron version and machine software version (eprom) NOT compatible. Check update status of computer and machine.

FILEAL.MAC

FIAL 02: FLASH program not compatible

The alarm appears when a file different from **.UP** is used to update the "FLASH".

RESTAL.MAC

REAL 01 End zone not reached

The machine does not have time to perform all the activities required in one step. Check the program and if this is not the cause, there may be a problem on PCB 2004.

REAL 02 Un-correct management

The machine does not have time to perform all the activities required in one step. Check the program and if this is not the cause, there may be a problem on PCB 2004.
.

REAL 03 Wrong motors number

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

REAL 04 Wrong cylinder diameter

The diameter of the machine is not equal to the diameter of the program running. Run a program with the same diameter as the machine or set the machine (using SETUP) with the correct diameter.

Graduation motor zone not found

Programming error, check the program.

Sinker pressure motor zone not found

Programming error, check the program.

REAL 07: Sinkers cap posit. motor zone not found

Programming error, check the program.

Impossible graduation motor resetting

In the motor reset stage the motor is unable to take the cylinder raiser to zero correctly. The problems may be caused by a block of the cylinder (check that there are no hindrances to normal glide of the cylinder raiser), an error in the control circuit of the cylinder raiser motor or in the control circuit itself.
Check the following:

1. Use the autotest of the cylinder raiser to check whether the motor moves in response to the following commands:
2. Press the “space” key to enter the main menu screen;
3. Press “D” to enter the general menu;
4. Press “A” to access the autotest screen
5. Press “C” to enter the cylinder raiser screen;
6. With the appropriate controls test the three conditions movement then, if the motor does not move, check the connections between the motor cable and board 2755 connector J1 in position M4 and the position of the JUMPERS (see page 121);
7. Replace PCB 2755,
8. Replace the cylinder raiser motor (step-step motor);

9. If the motor moves but does not respond correctly to the reset command it means the problem is related to the zero control circuit, that is, the proximity switch. Detach it from the motor and try touching a metal part to check whether the led on the proximity lights up and, if not, replace it;
10. If the proximity lights up correctly, check the connections between the proximity and board 2755 connector J1 (see page121) and check that when the proximity reads led DS4 lights up on PCB 2755;
11. If not replace PCB 2755;
12. If the error is not eliminated see page37 for a more detailed explanation.

Impossible sinker cap motor resetting

See explanations for solution of the problem on page37.

Impossible sinkers cap position motor resetting

See explanations for solution of the problem on page38.

REAL 13 Motors reset failure

Repeat the controls described for the previous error.

REAL 14 Wrong bit configuration

This alarm appears with the software finds an unexpected situation, during passage of status in the automation of the machine (value of registrations or data not correct). May be caused by a malfunction of the PC B2004 but more likely by a software problem: contact Dinema

REAL 23: Wrong codify version sub-program REST

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

REAL 24: Wrong codify version sub-program CLUN

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

YARNAL.MAC

YNAL 01: movement not completed

The machine does not have time to perform all the activities required in one step. Check the program and if this is not the cause, there may be a problem on PCB 2004.

YNAL 02: too slow degree management

The machine does not have time to perform all the activities required in one step. Check the program and if this is not the cause, there may be a problem on PCB 2004.

YNAL 03: Wrong motors number

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

YNAL 04 Wrong bit configuration

This alarm appears with the software finds an unexpected situation, during passage of status in the automation of the machine (value of registrations or data not correct). May be caused by a malfunction of the PC B2004 but more likely by a software problem: contact Dinema

YNAL 05: Wrong codify version sub-program YARN

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

SCORAL.MAC

SCAL 01 Wrong Bit configuration

This alarm appears with the software finds an unexpected situation, during passage of status in the automation of the machine (value of registrations or data not correct). May be caused by a malfunction of the PC B2004 but more likely by a software problem: contact Dinema

KEYBAL.MAC

Set up successfully saved Turn power off

This alarm is displayed after configuring the machine and confirming the intention to save the setup values.

Saving EEPROM set up denied

Displayed when the values entered in set up are not saved correctly.
Probable breakdown of PCB 2004/2000.

Reset EEPROM setup ok. Turn power off

Displayed at the end of the reset procedure on eeprom located on board 2000/2004.
Switch machine off and on again.

Sequence of programs not compatible

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPP manual command buffer full

This alarm should never appear because it signals that the internal structure of the software, that holds the manual commands relative to the step-step motors, is full and cannot accept any more commands. Contact the LONATI technical service.

KBAL 9 Reread machine setup from FLASH

The software is not able to reread the FLASH values before rewriting them in the RAM. There may be defect on PCB 2004/2000 (e.g. FLASH memory damaged) replace it.

MPPAL.MAC

ATTENTION THE INITIALS MPP STAND FOR THE INITIALS SSM WHICH MEAN " STEP BY STEP MOTORS"

MPAL 01 Subprogram S.S.M. missing

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 02 Header subprogram error

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 03 Step not done

The machine does not have time to perform all the activities required in one step. Check the program and if this is not the cause, there may be a problem on PCB 2004.

MPAL 04: number MPP not-exist. GR5 command

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 05: code MPP not exist. GR5 command

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 06:type MPP not exist. GR5 command

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 07: manual command number not exist.

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 08 number MPP not exist. Manual command

MPAL 09 code MPP not exist.. Manual command

MPAL 10 type MPP not exist. Manual command

These three alarms indicate that the Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 11 number MPP not exist. UTILITY. command

MPAL 12 code MPP not exist. UTILITY. command

MPAL 13 type MPP not exist. UTILITY command.

These three alarms indicate that the Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 14 number MPP not exist in ENT/ESC status

MPAL 15 code MPP not exist in ENT/ESC status

MPAL 16 type MPP not exist in ENT/ESC status

These three alarms indicate that the Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 17: overflow degree range GR5 command

The machine does not have time to perform all the activities required in one step. Check the program.

Air valve Impossible set over step

In the reset stage the machine motor is unable to bring the partializing valve to zero correctly. This may be due to a block of the motor, an error in the control circuit of the partializing valve or in the control circuit itself.
Check the following:

1. Check with the autotest for the partializing valve whether the motor moves using the following controls:
2. Press the “space” key to enter the main menu;
3. Press “D” to enter the general menu;
4. Press “A” to access the autotest screen
5. Press “E” to enter the *partializing valve screen*;
6. With the appropriate controls test the three conditions of movement then, if the motor does not move, check the connections between the motor cable and board 2755 connector J1 in position M9 and the position of the JUMPERS (see page121);
7. Replace PCB 2755,
8. Replace the partializing valve;
9. If the motor moves but does not perform the reset command correctly, it means the problem is related to the zero control circuit, that is, the proximity switch. Detach it from the valve and try touching a metal part to check whether the led on the proximity lights

up and, if not, check the connections with PCB 2755. If it is all correct, replace if necessary;

10. If the proximity lights up correctly check the connections between the proximity and board 2755 connector J1 (see page121) and check that when the proximity reads the led DS4 on PCB 2755 lights up;
11. If not, replace PCB 2755 or the proximity because it may not communicate the status of the command and control to the PCB.

MPAL 18 reset air valve step motor failure

Repeat the check described for the previous error.

MPAL 19 Wrong Bit configuration

This alarm appears with the software finds an unexpected situation, during passage of status in the automation of the machine (value of registrations or data not correct). May be caused by a malfunction of the PC B2004 but more likely by a software problem: contact Dinema

Dial motor reset impossible

In the reset stage the machine motor is unable to bring the border to zero correctly. This may be due to a block of the motor, an error in the control circuit of the border motor or in the control circuit itself. Follow the instructions on page 42 as regards border motor not at zero.

MPAL 44: wrong codify version sub program MPP

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 45 wrong special manual command

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 144: wrong codify version sub program EMPP

Graphitron version and machine eprom version NOT compatible. Check update status of computer and machine.

MPAL 145: commands superimposing for same motor

Border motor movements too close. Check settings for movements and controls on Graphitron.

WARNING MESSAGES

These messages (warnings) appear at the bottom of the machine display (last two lines at the bottom) and provide information about a condition of the machine that, though abnormal, does not prevent operation. The message can be cancelled by pressing [F8] (after removing the abnormal conditions).

FILEWA.MAC

FIWA 01: Loading program please wait

Informs the user that a program is being loaded from diskette or GRAPHITRON.

FIWA 02: Program to delete not found

The file selected for deletion from the RAM memory of PCB 2004/2000 does not exist (error in selection of files damaged).

FIWA 03: Selected program not found

The file selected by the user does not exist either because of an error in selection or because damaged.

FIWA 04: Program correctly loaded

Signals that a program has been loaded from diskette or GRAPHITRON.

FIWA 05: Program rejected

Impossible to load selected program.
This may be because of:

- Interference on the transmission line;
- Breakdown to sending device (disk drive or computer):
- Insufficient RAM memory on PCB 2004. After carefully checking the first two points, cancel the programs in the memory and repeat.

FIWA 06: This is not a valid program

The program selected for loading is one that does not run on the type of machine in use.

FIWA 07: Performing Disk I/o operation

This generic message informs that an operation is in progress on a diskette in the disk drive or computer.

FIWA 08: Disk I/O operation failure

The operation selected is not accepted. Check whether the communication systems (disk drive or computer) have finished previous operations before ordering new ones.

FIWA 09: Disk I/O operation OK

This message informs that the operation previously in progress has been successfully completed.

FIWA 10: Reading programs from disk

This message informs that the program selected is being read. Afterward, **FIWA 01…….** will appear on the display.

FIWA 11: Formatting disk please wait

Informs that a disk connected to the machine by the disk drive is being formatted.

FIWA 12: Deleting program please wait

Signals that a program selected previously is being deleted from the diskette connected to the machine through the drive.

FIWA 13:Wrong program Extension

This message warns the user that the diskette in the drive is damaged or contains damaged files. Replace the diskette.

FIWA 14: Illegal disk type

This message warns the user that the disk in the drive is incompatible with the software. This may occur in case of improper formatting or if an "HD" disk is used in an FDU1.
To solve the problem format or replace the diskette.

FIWA 15: Disk CRC error

The disk to be used is defective and should be replaced.

FIWA 16: Write protected disk

This message warns the user that the diskette in the drive is protected and therefore the operation has failed. Eliminate protection and repeat.

FIWA 17: Drive not ready

Operation failed because there is no diskette in the drive. Insert the diskette and repeat.

FIWA 18: delete data mark found

The diskette is defective and should be replaced.

FIWA 19: Bad Sector number

The diskette is defective and should be replaced.

FIWA 20: Sector or cluster not found

The diskette is defective and should be replaced.

FIWA 21: Program interrupted

This message warns the user that the diskette in the drive is damaged or contains damaged files. Replace it.

FIWA 22: Program already exists

There is already a program on the diskette with the same name.

FIWA 23: Program too big

Not enough space on the diskette to save the selected program.

FIWA 24: Program does not exist on disk

The file selected is not on the diskette (error in selection or file damaged).

FIWA 25: Write protected program

The operation requested on the file on the diskette in the drive failed because the file is protected from writing.

FIWA 26: Read protected program

The operation requested on the file on the diskette in the drive failed because the file is protected from reading.

FIWA 27: you cannot delete this program

The operation of deletion requested on the file on the diskette in the drive failed because the file is protected from deletion.

FIWA 28: Disk full

This message warns the user that the operation of writing of a file on the diskette in the drive has failed because the disk has already reached the maximum capacity and is therefore full. Insert another diskette.

FIWA 29: Floppy disk time out

The disk drive does not respond to the commands sent by the machine.
Check the connection between the disk drive and the machine or:

- Transmission line between drive-Pcb2004 defective, check the wiring of the socket on the front of the drive to PCB 2004 J17.
- Disk drive broken, test it on another machine.
- 2004 board defective, replace.

FIWA 30: Program is being copied

This message informs that a coded program is being transmitted from one machine to another.

FIWA 31: Program copy successfully completed

This message announces that the transmission of coded program from one machine to another is complete.

FIWA 32: Program copy failure

This message announces that the transmission of coded program from one machine to another has failed.
Check whether there is a defect of wiring in the connection between the machines and PCB 2004 J17 with the front transmission outlet.

FIWA 33: (DCN) net board not working

This message warns the user that the "Network" board of the Dinema production control system is not working, see the Dinema manual as regards "Production Control".

FIWA 34: (DCN) net board not installed

This message warns the user that the "Network" board of the Dinema production control system is not installed. If the system is present on the machine consult the Dinema manual as regards "Production Control".

FIWA 35: (DCN) requested in execution

This message warns the user that an operation requested by the "Network" (the Dinema production control system) is in progress.

FIWA 36: (DCN) other request in execution

This message warns the user that the operation requested by the "Network" has not been performed because another request previously begun has not finished.

FIWA 37: program not compatible with machine software

This message warns the user that the program coded by Graphitron is not compatible with the machine software (custom) on the machine.
Check updating of computer and machine.

FIWA 38: Program data restored as original

Message indicating completion of the operation, requested previously by the user with the keyboard. The machine must be in programming mode.7

FIWA 39: Program data not restored as original

Indicates the impossibility of performing the operation of restoration requested by the user. Try again after checking that the key is not in processing mode.

FIWA 40: Program memory full

This message warns the user that the "RAM" memory of the PCB 2004 is full and there is no room to save the data requested by the program (learning, etc. ….) or enter another.
It is necessary to delete some programs to make room in the "RAM" memory.

FIWA 41: Operation on Flash in progress Wait

This message warns the user that the update software is being copied, after being loaded in the form of an .up file, in the "Flash" memory of PCB 2004.
While copying in "Flash" is going on all other operations are inhibited the machine must not be switched off or disconnected from power because this could block PCB 2004. In this case it would be necessary to resort to loading a File .bin.(see page of explanation).
After completing this operation perform a "Reset" (to start machine software), then switch off the machine and when it is switched on again the operation is complete.

FIWA 42: Operation on Flash complete

This message is not visible to the client as upon completion of the "Flash" memory update the machine resets and an alarm appears when switched on again.

FIWA 43: Operation disabled by net

This message warns the user that the last operation requested was not performed as disabled from operation by the Dinema production control system.

FIWA 44: flash memory access error

This message warns the user that the during access to the "Flash" memory of PCB 2004 the software found an error and the operation was not carried out. The problem could be caused by a hardware defect of PCB 2004 or of the machine software.

FIWA 45: Error during file decompression

During an operation of file management of the software an error occurred in decompression of a file. Since it is an error of the software, update the machine.

FIWA 46: Error during file compression

During an operation of file management of the software an error occurred in compression of a file. Since it is an error of the software, update the machine.

FIWA 47: lack of compatibility with system software

Appears when an attempt is made to enable a file .up relative to the "custom" software that is incompatible with the version of the "system" software on the machine.

CHAINWA.MAC

Press 'SPACE' to see the MAIN MENU 'Press CTRL + HELP' to see HELP

This message is normally present on the display if there are no other messages. It indicates the pressing [SPACE] gives access to the MAIN MENU and pressing [HELP] accesses the guide.

Start machine disabled by software

This message warns the user that the machine cannot be started because the function has been disabled by the software.

Start machine disabled manual command is active

The operator has enabled a manual procedure that prevents startup. The message appears when the start button is pressed.

Motor running Stop Restore with four handle revolutions

The user has to have the machine make at least four turns of the cylinder with the manual crank so that, after pressing [F8] the message disappears and the machine resumes normal operation.

Handle key 2 disabled by software

This message warns the user that use of button "Crank 2"(continuous) is impossible because disabled by software.

Handle key 1 disabled by software

This message warns the user that use of button "Crank 1"(degree-degree) is impossible because disabled by software.

Serial outputs autoconfiguration in execution

Message that appears after pressing [Y] to the query `Confirm autoconfiguration of serial outputs? [Y], [N].` It announces that the serial outputs of the machine are being configured.

Reset EEPROM serial outputs board in execution

Message that appears after pressing [Y] to the query `Confirm reset of serial outputs? [Y], [N].` It announces that the serial outputs of the machine are being reset.

Serial outputs not configurated

Message that appears if the key is turned to processing without having configured the machine.

Running blackout procedure

Appears when there is a blackout on the machine. The procedure saves the data regarding the position and processing status of the machine. The procedure is controlled by PCB 2751.

Internal battery holding programs out of order

Appears when the large buffer battery on board PCB 468/2 is discharged. Check whether jumper W2 is closed and whether PCB 468/2 (large buffer battery) is connected to connector J11 of PCB 2004 and make sure that jumper W1(that controls the small back-up battery) is open. If all these checks of connection aperture are satisfactory, replace the large buffer battery PCB 468/2 (the battery voltage must be at least 3.2V).
The procedure for replacement should be carried out without delay so as not to run down the back-up buffer battery for the "RAM". If it too has to be replace this will necessitate repair of PCB 2004 because the battery is welded to the board.

Machine set over accepted Use only handle keys

Appears if in machine SETUP the function `reset with cranks` has been enabled. It informs the user that while resetting, use of crank keys 1 and 2 is possible.

Machine set over even using start button

Informs the user that as soon as this message appears it is possible to complete resetting of the machine using the start button.

Air valve activated release air valve to start machine

Appears if MANUAL EXHAUST is enabled (with "valve" key or [E]) and then, before disabling it, the start button is pressed.
Release the control by pressing the "valve" keys or [E] and press start.

Pull out fingers activated release fingers to start machine

Appears when the start button is pressed without disabling the yarn finger raising control. Disable by pressing [TAB] then [Z] and press start.

Machine stops by saw blade device

Appears in an open point machine if the start button is pressed with the border up and without making four turns of the cylinder with the manual crank to release the cutter.
The user has to give the machine at least four turns of the cylinder with the manual crank, then press [F8] so the message disappears and the machine is enabled for use of the start button.

RESET CYLINDER MOTOR you can run the machine now -

On starting the machine this message appears at the bottom of the display, until the cylinder raiser is reset, by starting the machine or using the manual crank keys. Press [F8] to eliminate the message `Press 'SPACE' for MAIN MENU 'CTRL + HELP' for HELP.`

Machine stops because F4 activated Press [F8] key to clean this.

The production cycle is stopped because the user has inserted the function F4 "Machine stop by Graphitron". Press [F8] to cancel the message.

Knife nr. 2 activated release knife to start machine

Disable the function using the controls in the "MANUAL MENUS" ([TAB]) then press the start button.

SHORT-CIRCUIT end of cycle for DACSY/MDS

Short-circuit on output that controls DACSY/MDS: check connections.

SHORT-CIRCUIT stop yarn sliding for DACSY/MDS

Short-circuit on output that controls DACSY/MDS: check connections.

End of cycle for DACSY/MDS NOT CONNECTED

Charge not connected, problems on serial output that controls DACSY/MDS

Stop yarn sliding for DACSY/MDS NOT CONNECTED

Charge not connected, problems on serial output that controls DACSY/MDS

KEYBWA.MAC

OPERATION POSSIBLE ONLY WHEN MACHINE IS IN PROGRAMMING MODE

Turn the key to programming mode and repeat

UNKNOWN OPERATION

This message should never appear to the user as it signals an error internal to the software management. If it should appear, contact the LONATI service personnel.

NOT SUFFICENT RAM TASK KEYB

This message warns that the "RAM" memory devoted to the "Keyb" task is not sufficient. The error refers to operations of the user on the machine, or to the coded program outside the limits set for the model of machine (e.g. too many blocks).

OPERATION DENIED PROGRAM NOT ACTIVATED OR NOT FOUND

This message warns the user that the operation attempted has had a negative outcome as no machine program was enabled. Enable a program and try again.

OPERATION POSSIBLE ONLY WHEN MACHINE IS NOT RUNNING

The operation attempted has failed because it required the machine to be stopped.
Stop the machine and try again.

[DCN] : MISSING PROGRAM NAME

This message warns the user that, in the sphere of the operation of transfer of program from machine to machine managed by the "Network", the program to transfer has not been specified.

[DCN] : SOURCE MACHINE ADDRESS NOT INSERTED

This message warns the user that, in the sphere of the operation of transfer of program from machine to machine managed by the "Network", the address of the machine that has to transmit the program has not been specified.

[DCN] : DESTINATION MACHINE ADDRESS NOT INSERTED

This message warns the user that, in the sphere of the operation of transfer of programs from machine to machine controlled by the "Network", the address of the machine that has to receive the program has not been specified.

[DCN] : ADDRESS FIRST DESTINATION MACHINE NOT INSERTED

This message warns the user that, in the sphere of the operation of transfer of programs from one machine to several machines controlled by the "Network", the address of the first machine that has to receive the program has not been specified.

[DCN] : ADDRESS LAST DESTINATION MACHINE NOT INSERTED

This message warns the user that, in the sphere of the operation of transfer of programs from one machine to several machines controlled by the "Network", the address of the last machine that has to receive the program has not been specified.

SET-UP ACCESS DENIED wrong code entered

The numerical code for protection of machine setup entered is wrong. Enter the correct code and press [RETURN].

Saving parameters heel board please wait .

In the window HEEL PARAMETERS, confirm alterations with [RETURN]. The message now is `Save parameters?(Y/N)`and, if you press [Y], at the bottom of the display the message appears "Saving heel parameters ".

Saving parameters heel board procedure done

This message appears to confirm the completion of the above operation.

Automatic speed reduction off

Machine speed was reduced automatically by the eprom because, according to the settings made by the client in the window MACHINE HEATING, it was cold. With this message heating is terminated and it is possible to work at full speed.

Sequence correctly executed

This message informs the user that the last operation carried out had been completed.

Program change request activated

This message informs the user that a new stocking program has been started or that a new size has been selected.

Operation IMPOSSIBLE: yarn sliding disabled by software

The user requests an operation on yarn glide but this has been disabled automatically by the software (border high). Check border status.

Operation possible only with machine in WORKING STATUS

Turn the key to processing mode and try again

OPERATION IMPOSSIBLE PROGRAM NOT ACTIVATED

This message warns the user that the last operation was unsuccessful as the program to work in is not enabled. Enable the program and try again.

Link programs creation

This message warns the user that a linked program is being created. See keyboard manual for link creation.

Operation on sock counters disabled by the program link

Changing of this function is disabled by the link procedure.

Operation impossible: Sliding serial sensors not enabled

The user is trying to work on the sensors (BTSR) from the keyboard but, as they are not enabled, are not recognized by the machine. Enable the sensors and try again.

Operation possible only with machine stop and key in working status

The message signals to the user that the operation selected has not been accepted because it requires two special conditions (machine stopped and key in processing mode). Stop the machine, turn the key to processing mode and try again.

Operation disabled from NET

This message warns the user that the function requested is disabled by the production control device of Dinema (NETWORK).

OPERATION DISABLED BY MACHINE SET UP.

Warns the user that the function requested is disabled by the current configuration of the machine setup.

KBWA 27 File MOTOR.DT correctly created.

Informs the client that the file MOTOR.DT has been created correctly. For creation of motor.dt see instructions in the keyboard manual of the FL, in the explanation of the window `UTILITY AND SOFTWARE MANAGEMENT.`

Heel parameters reset in progress

Informs the user that the heel parameters are being reset and copied into the standard initial configuration. The user starts this operation by entering the `Lonati configuration window` and pressing the key relative to `reset heel parameters`.

Heel parameter reset completed

This message announces that the above operation is complete.

RTC malfunction

This message warns the user that the machine clock is not set correctly. The correct time setting is maintained by the buffer battery on PCB 2004. The machines of the GOAL series are equipped with a **clock**. This must always be running since it is used by the machine software to manage some devices (*stocking counter, shifts, etc.*).
To access the window `date/time` press [C] from the *main window*. It can be opened with the key turned to writing or processing, with the machine running or stopped, at step zero or in the midst of the production cycle.
The following keys are enabled in the window:
[ARROW] small right and left arrows: enabled only for changes, permit movement of the cursor in two directions.
[ARROW] large up and down arrows: to **increase** or **decrease** a value to change it.
[RETURN]: exits the window and **saves** the modified date and time.
[ESC]: exits the window without saving.

MOTOWA.MAC

MTWA 03: not enough memory for MOTOR.DT file creation

When there is an alarm and if enabled by the setup, the machine automatically creates a control file "Motor.dt" which contains some important internal values of the software, for Dinema, to identify the source of the problem.
If this message appears there may be a problem of the amount of memory available in the machine software or it may be necessary to increase, in the Lonati setup, the Kbyte devoted to the creation of Motor.dt files.
Contact Lonati service personnel to solve the problem.

MAINWA.MAC

Program not activated

This message appears when the key is turned to processing mode (OK) and no program has is running. From the window *main menu* enter *program menu* and run the desired program.

There is no sub-program

This message warns the user that the size required by the program enabled (Graphitron software) is not compatible with the machine software.

Not codified size

This message warns the user that the size entered in the program has not been coded. Switch the machine on with the key in programming and run one that is in the coded program, or code the missing size at the Graphitron level.

Test program not activated

The test program requested is not enabled by the custom eprom. Contact Lonati.

SOCK COUNTER OVERFLOW

This message warns the user that the "Target" of stocking production previously set in the stocking counter has been reached.
The reaction of the machine depends on the options selected in the *General stocking counter window*, that can be:

- A: with this configuration the machine does not stop on reaching the number of stockings to produce, but continues without displaying any message.
- B: with this type of stocking count enabled, the does not stop on reaching the number of stockings to produce but continues without stopping. Unlike the previous case, however, a blue light goes on, located on the keyboard, and a message is displayed: `MACHINE IN OUT COUNTER`. On pressing [F8] the blue light goes out and the message is cancelled. If the stocking counter is not reset (relative to the number of stockings `produced`), and exceed the number of stockings `programmed`, at every new stocking the warning message is displayed and the blue light goes on.

- C: with this configuration the machine stops on reaching the number of stockings to produce, the blue light goes on and the message `MACHINE IN OUT COUNTER` is displayed. Automatically the count under the heading of stockings `Produced` is reset. On pressing [F8] the blue light goes out and the message is cancelled.

NEW ECONOMIZATIONS REJECTED

In some blocks of the program economizing steps can be only even or only odd. The change requested by the user has not been accepted, change the number of economizing steps.

Speed reduction disabled

The message indicates that the heating period as set by the program has ended and speed is no longer limited by the software. The duration of heating depends on the number of stockings to be produced at low speed, as set by the user in the window *heating of machine.*

Speed reduction enabled

The speed is reduced by the software so that heating of the machine can be carried out correctly. After this operation speed is restored automatically.
The duration of heating depends on the number of stockings to be produced at low speed, as set by the user in the window *heating of machine.*

End cycle STOP [F3] activated

This message informs the user that the machine has stopped at the end of the cycle because key [F3] is enabled.

Zero stop forced by DCN

This message informs the user that the chain stop (F1) has been entered by the "Network" control (Dinema production control).

Machine stops for YARN CONE END .

The machine has reached the number of stockings set previously by the operator to permit change of yarn cone and has stopped with insertion of function "F3". To access the window press [SHIFT]e [F3].

Working status disabled by FLASH updating process

Impossible to proceed to processing status during software update. Wait for end of update procedure.

Machine set over disabled by program

Currently, the reset function [F0] is not enabled for the type of program in use.

Working status disabled by software

The machine software does not allow the user to go to the processing status. The message may appear if the key is turned to processing during an autotest. Return the key to programming and exit the zone where processing is not allowed.

MPPWA.MAC

MPWA 47 positions table missing on GR5

Check in Graphitron for the table of positions of the border motor.

SCORWA.MAC

SCWA 02: automatic out of phase

Problems encountered on the BTSR line with continuous errors.

1. Check operation of each sensor, make sure all sensor leds are on (replace any damaged ones).
2. Check the connection between connector “btsr” at the end of the sensor cable and PCB 2004 connector J10;
3. Replace PCB 2004.

SCWA 03: Wrong number of yarns inserted

The number of threads (BTSR sensors) entered by the user is higher than the maximum permitted by the machine software (32 sensors). Edit the value entered.

SCWA 04: Drive not accepted yarn sliding does not work

The message indicates that the operation requested by the user cannot be carried out because there are problems on the yarn glide. The sensors have been disabled.

1. Check operation of each sensor, make sure all sensor leds are on (replace any damaged ones).
2. Check the connection between connector “btsr” at the end of the sensor cable and PCB 2004 connector J10;
3. Replace PCB 2004..

SCWA 05: Program not enabled next learning refused

This should never appear, in any case it indicates that the learning function has been ordered without a program enabled.

SCWA 06: Wait for parameters writing in eprom -3 sec.-

Follow the instructions and wait for the next message

SCWA 07: parameters writing in eprom completed

The message indicates that the data have been saved in the Flash eprom.

SCWA 08: EEPROM damaged

The message indicates that data have NOT been saved in the Flash eprom. Replace PCB 2004 If the error persists contact Dinema.

SCWA 09: Saving not done, parameters not modified

The parameters have not been changed so no data have been saved in the Flash memory because they are identical to those already saved.

SCWA 11: serial sensors configure. under way

Wait for end of operation. If the message does not disappear, switch the machine off and on again. If the error persists replace PCB 2004.

SCWA 12: serial sensors configuration KO

Check operation of each sensor and proceed as follows
1. Make sure all sensor leds are on.
2. Check the connection between connector “btsr” at the end of the sensor cable and PCB 2004 connector J10;
3. Replace PCB 2004.

SCWA 13: Serial sensors eeprom writing completed

The message indicates that the serial data has been saved in the Flash memory.

SCWA 15: Sensors resetted. Learning cycle failed

During learning function all BTSR appear to be off.
Check:
1. That all sensor leds are on.
2. Check the connection between connector “btsr” at the end of the sensor cable and PCB 2004 connector J10;
3. Replace PCB 2004.

RESTWA.MAC

REWA 01: PROGRAMMED WIDTH IMPOSSIBLE

Stitch number in program wrong. Correct the value in Graphitron.

REWA 02: ENTERED WIDTH IMPOSSIBLE

The user has entered a stitch variation impossible to implement. Try again after correcting the previous entry.

Modify in progress. Do not turn the machine off

Indicates that the change entered by the user is about to be saved. Follow the instructions in the message.

Data upkeep not possible for at least one block.

May appear when a new program is entered in the machine while another is running. This is useful so as not to lose any changes made manually by the user to the cylinder raiser. This function controls zone by zone the equivalence of the "basic" values of the new program with those of the old one, searching for any zones with the same name.
If the two programs are identical it copies the values for low and high speed from the old to the new program; if they are not the same it keeps the values entered in the new program and the message appears "*Keeping rest values not possible for at least one zone".*

YARNWA.MAC

Modification execute possible to restart the machine .

After making the changes on the elastic with the machine stopped, this message informs the user that it is possible to resume production.

YAWA 02: At least one YARN block not upkeep

This may appear when a new program is entered on the machine while there is already another one running. It is useful so as not to lose any changes made manually by the user on the elastic.

DESCRIPTION OF –WAC- BOARDS AND CONNECTIONS

List of types of boards and devices

ELENCO SCHEDE E COMPONENTI PRINCIPALI:

LONATI SOA-CE-WAC-STANDARD-V.2
COD. DINEMA 600977 - COD. LONATI D4901158

LONATI SOA-CE-WAC-1 COPERCHIO MOTORIZZATO-V.2
COD. DINEMA 600959 - COD. LONATI D4901313

LONATI SOA-CE-WAC-6 COLORI+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600960 - COD. LONATI D4901314

LONATI SOA-CE-WAC-6 COLORI-1 COPERCHIO MOTORIZZATO+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600961 - COD. LONATI D4901315

LONATI SOA-CE-WAC-6 COLORI- MOTORINO DOPPIO+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600962 - COD. LONATI D4901316

LONATI SOA-CE-WAC+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600963 - COD. LONATI D4901317

LONATI SOA-CE-WAC-1 COPERCHIO MOTORIZZATO+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600964 - COD. LONATI D4901318

SCHEDA:	DESCRIZIONE:
2004/1	Scheda con CPU risc, linea SPI, 4 linee per comunicazione seriale, controllo motore, lettura quota gradi/aghi.
2754B/1	Scheda per la gestione di N°9 motori passo-passo su apparecchiature con scheda 2004 - seconda versione.
2755A/1	Modulo di potenza per un motore P-P.
1799B/1	Scheda marcia - arresto e controllo alza platò.
2799/1	Scheda 16 uscite seriali + 32 ingressi seriali (è possibile espansione con 16 uscite seriali).
1881A/1	Scheda 16 uscite seriali per espansione SK 2799/1.
1896A/1	Scheda interfaccia per tastiera.
2751A/1	Alimentatore 500W tamponato.
2844/1	Scheda master comando 40 leve Wac.
2845/1	Scheda slave comando 40 leve Wac.
2846/2 + N°4 2843A/1	Scheda logica + potenza per controllo 4 motori P-P (Mot. 4 seghetta).
	Scheda rampa + VCO da accoppiare a SK 2846-2847.
2846/1 + N°4 2843A/1	Scheda logica + potenza per controllo 4 motori P-P (Optional).
	Scheda rampa + VCO da accoppiare a SK 2846-2847 (Optional).

NOME:	DESCRIZIONE:
DS1	Portalampada Breter + gemma rossa.
DS2	Portalampada Breter + gemma gialla.
DS3	Portalampada Breter + gemma verde.
DS4	Portalampada Breter + gemma blu.
DS5	Portalampada Breter + gemma bianca.
FUSIBILE	Fusibile 8A.
JA	Connettore MODU2 4X2 POLI FEMMINA per CBL 0108.
JB1	Connettore MODU2 6 POLI FEMMINA.
JB2	Connettore MODU2 6 POLI MASCHIO.
JC1-JD1-JE1	Connettori MODU2 4 POLI MASCHIO.
JC2-JD2-JE2	Connettori MODU2 4 POLI FEMMINA.
SL1	Selettore chiave per programmazione lavorazione.
SW1	Micro-switch per sportello posteriore.
SW2	Micro-switch per sportello anteriore.
V1-V2-V3-V4	Ventole 24 VDC 80X32.
B1-B2	Batterie ricaricabili 12V - 1.1Ah.

OPTIONAL:
La SK 2846/1 + 4 SK 2843A/1 è prevista solo nel caso di:
PYF LONATI SOA WAC-S54-S74-U8
COD. DINEMA 460727

Il DCN 2000 COD. DINEMA 620885
è optional

SOA-CE-WAC-V.2 LONATI B001_00.SKD
ELENCO SCHEDE E COMPONENTI PRINCIPALI
Mauro Pellegrini 027
05/07/2002 B001_00

Instructions for reading the cable descriptions

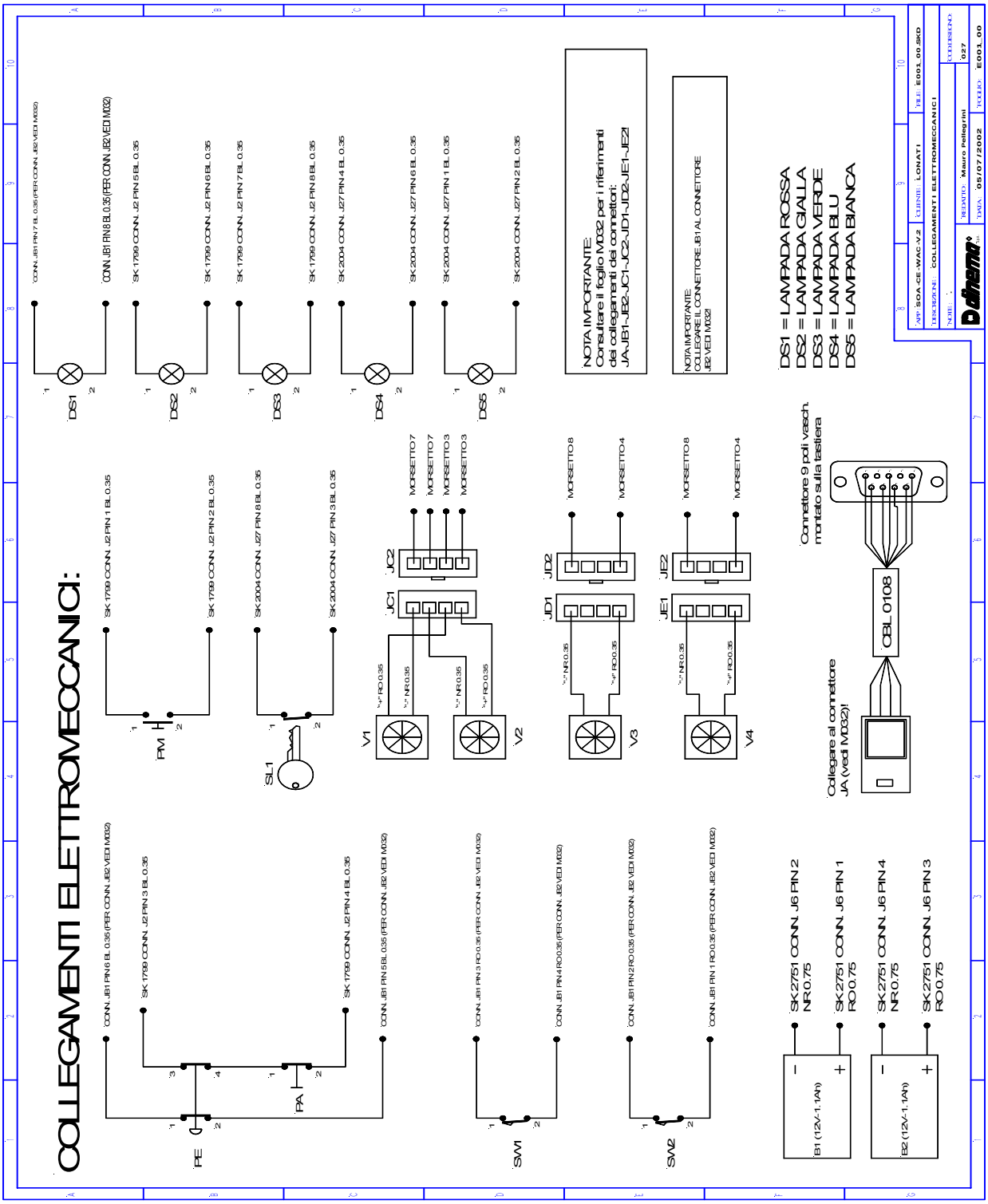
The section that follows will illustrate all the wiring for connection of the different boards.

You will find the following codes in the descriptive tables drawn up in four columns:

1. In the first column you may find:
a) CO in case of a connector;
b) FT if the connection uses a fastener;
c) BAR if the outputs of each BAR are described;
d) MR in case of screw terminals.
2. The second column contains the following codes:
a) NP to indicate the number of the pin or fastener used;
b) ELET. for the numbering, from left to right, of the solenoid valves mounted on each bar (in this count the missing one have to be taken into consideration as well).
3. In the third column you have the information for understanding where each wire is connected.
4. The fourth and last column contains the description of the function of that pin.

Electric and electromechanical connections

Electromechanical connections



Recall sheet M32 -WAC-

Collegamenti Connettori JA-JB1-JB2-JC1-JC2-JD1-JD2-JE1-JE2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
JA	1			BL	0.35	SK 2004 CONN. J17 PIN 7		0V
JA	2			BL	0.35	SK 2004 CONN. J17 PIN 1		TX LOOP +FDU
JA	3							
JA	4			BL	0.35	SK 2004 CONN. J17 PIN 2		TX LOOP -FDU
JA	5			BL	0.35	SK 2004 CONN. J17 PIN 3		RX LOOP +FDU
JA	6			BL	0.35	SK 2004 CONN. J17 PIN 4		RX LOOP –FDU
JA	7			BL	0.35	SK 2004 CONN. J17 PIN 8		+24V
JA	8			BL	0.35	SK 2004 CONN. J17 PIN 5		0V
JB1	1			RO	0.35	SW2 POLO 2		POLO 2 MICRO SICUREZZA SW2
JB1	2			RO	0.35	SW2 POLO 1		POLO 1 MICRO SICUREZZA SW2
JB1	3			RO	0.35	SW1 POLO 1		POLO 1 MICRO SICUREZZA SW1
JB1	4			RO	0.35	SW1 POLO 2		POLO 2 MICRO SICUREZZA SW1
JB1	5			BL	0.35	PULSANTE EMERGENZA POLO 2		PULSANTE EMERGENZA POLO2
JB1	6			BL	0.35	PULSANTE EMERGENZA POLO 1		PULSANTE EMERGENZA POLO1
JB1	7			BL	0.35	LAMPADA ROSSA DS1 POLO 1		LAMPADA EMERGENZA POLO 1
JB1	8			BL	0.35	LAMPADA ROSSA DS1 POLO 2		LAMPADA EMERGENZA POLO 2
JB2	1			BL	0.35	SK 2832 CONN. J2 PIN 4		INPUT SERIE MICRO SICUR.
JB2	2			BL	0.35	CONN. JB2 PIN 4		
JB2	3			BL	0.35	CONN. JB2 PIN 5		
JB2	4			BL	0.35	CONN. JB2 PIN 2		
JB2	5			BL	0.35	CONN. JB2 PIN 3		
JB2	6			BL	0.35	SK 2832 CONN. J2 PIN 1		INPUT PULS. EMER. POLO 1
JB2	7			BL	0.35	SK 2832 CONN. J2 PIN 2		LAMPADA EMERGENZA POLO 1
JB2	8			BL	0.35	SK 2832 CONN. J2 PIN 3		LAMPADA EMERGENZA POLO 2
JC1	1			NR	0.35	VENTOLA V1 POLO-		POLO- VENTOLA V1
JC1	2			NR	0.35	VENTOLA V2 POLO-		POLO- VENTOLA V2
JC1	3			RO	0.35	VENTOLA V1 POLO+		POLO+ VENTOLA V1
JC1	4			RO	0.35	VENTOLA V2 POLO+		POLO+ VENTOLA V2
JC2	1			BL	0.35	MORSETTO 7		0V
JC2	2			BL	0.35	MORSETTO 7		0V
JC2	3			BL	0.35	MORSETTO 3		+24V
JC2	4			BL	0.35	MORSETTO 3		+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
JD1	1			NR	0.35	VENTOLA V3 POLO-		POLO- VENTOLA V3
JD1	2							
JD1	3							
JD1	4			RO	0.35	VENTOLA V3 POLO+		POLO+ VENTOLA V3
JD2	1			BL	0.35	MORSETTO 8		0V
JD2	2							
JD2	3							
JD2	4			BL	0.35	MORSETTO 4		+24V
JE1	1			NR	0.35	VENTOLA V4 POLO-		POLO- VENTOLA V4
JE1	2							
JE1	3							
JE1	4			RO	0.35	VENTOLA V4 POLO+		POLO+ VENTOLA V4
JE2	1			BL	0.35	MORSETTO 8		0V
JE2	2							
JE2	3							
JE2	4			BL	0.35	MORSETTO 4		+24V

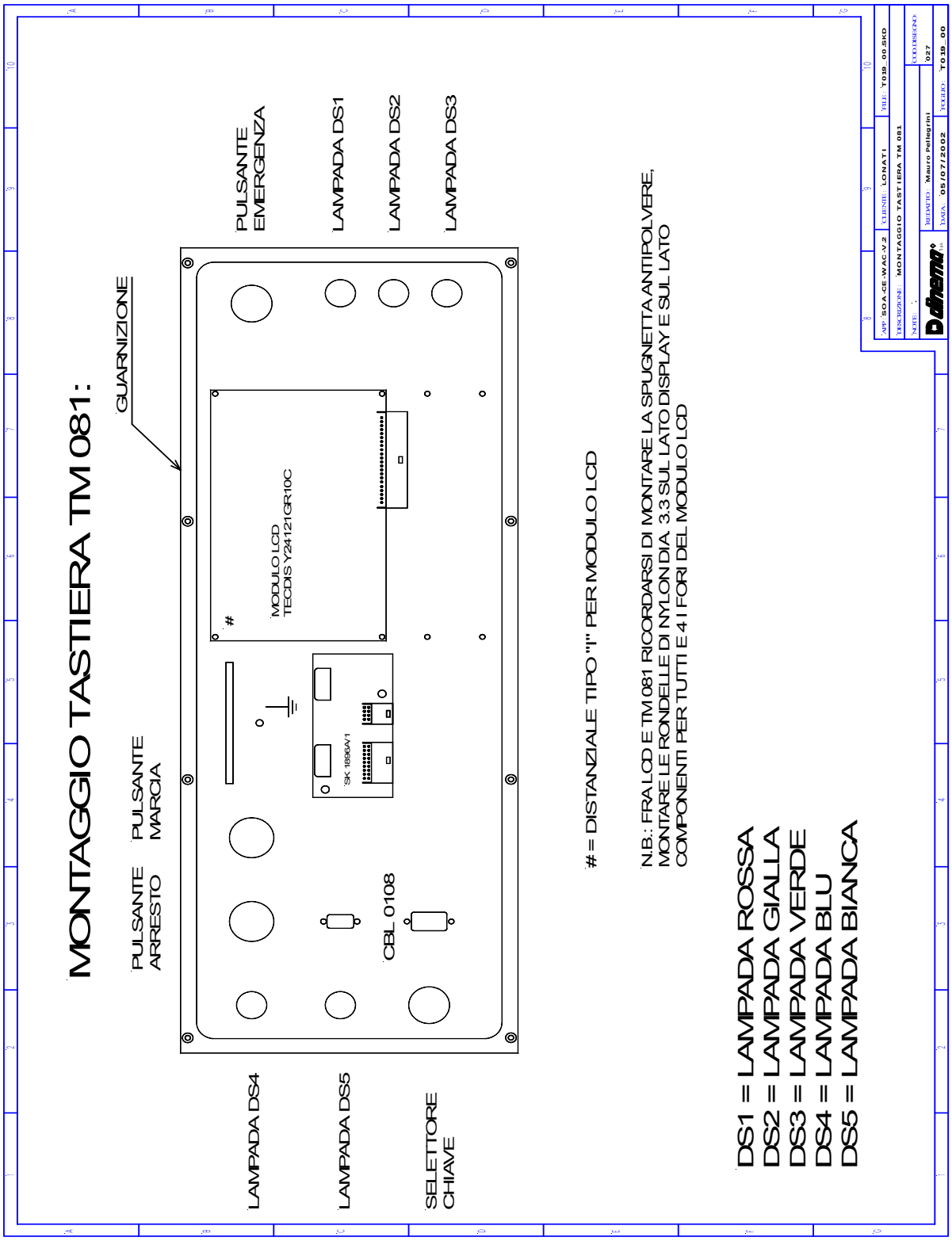
NOTA: IL CONNETTORE JA DEVE ESSERE CONNESSO AL CABLAGGIO CBL 0108 PROVENIENTE DALLA TASTIERA!

JA = MODU2 4X2 POLI-FEMMINA
JB1 = MODU2 4X2 POLI-FEMMINA
JB2 = MODU2 4X2 POLI-MASCHIO
JC1 = MODU2 4 POLI-MASCHIO
JC2 = MODU2 4 POLI-FEMMINA
JD1 = MODU2 4 POLI-MASCHIO
JD2 = MODU2 4 POLI-FEMMINA
JE1 = MODU2 4 POLI-MASCHIO
JE2 = MODU2 4 POLI-FEMMINA

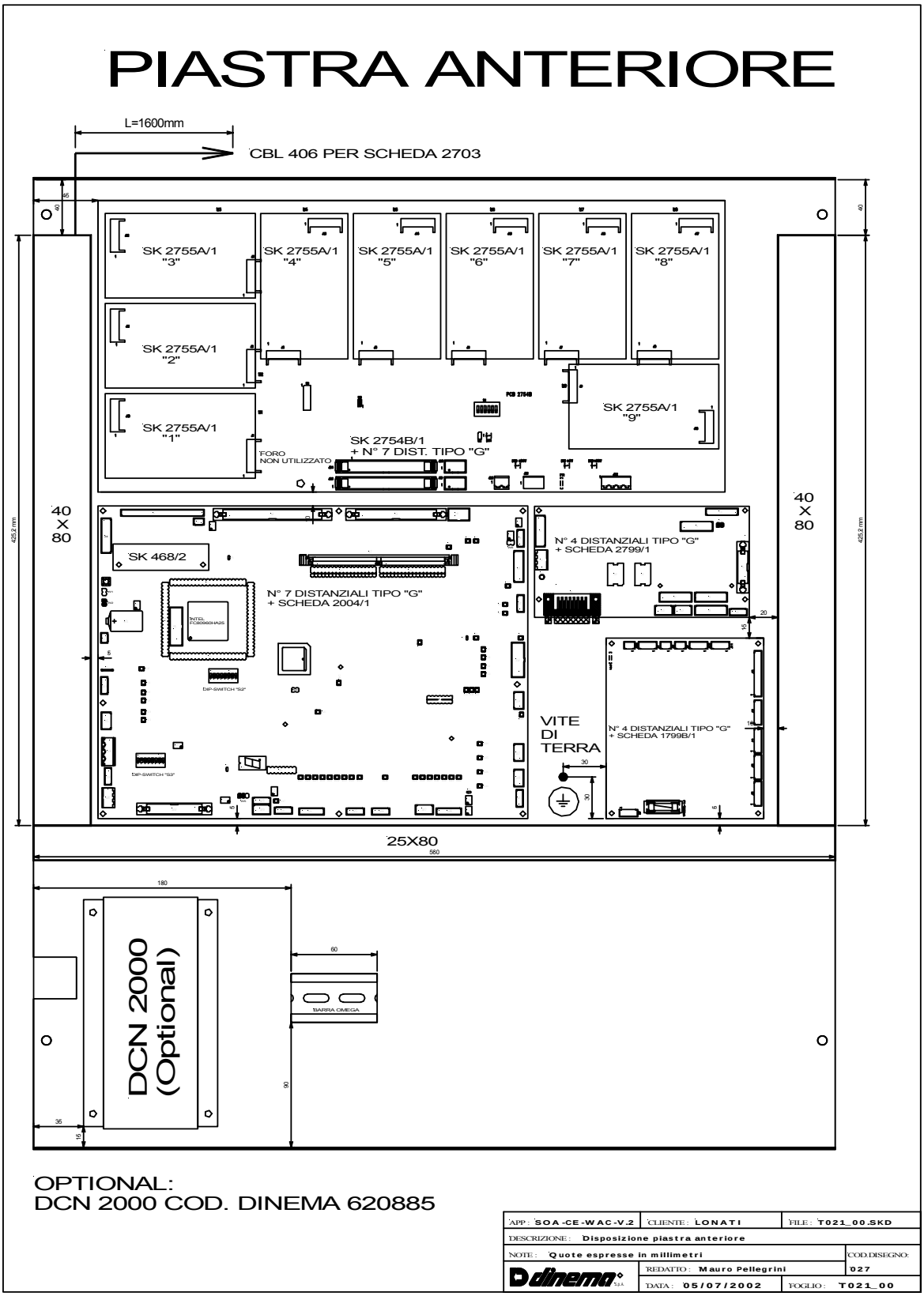
App: SOA-CE-WAC-V.2	Descrizione: COLLEGAMENTI CONNETTORI JA-JB1-JB2-JC1-JC2-JD1-JD2-JE1-JE2	Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M032_00.DOC	Nome foglio: M032_00	Data: 05/07/2002

lonati
dinamo SpA

Assembly of keyboard TM 081(WAC & MATRIX)



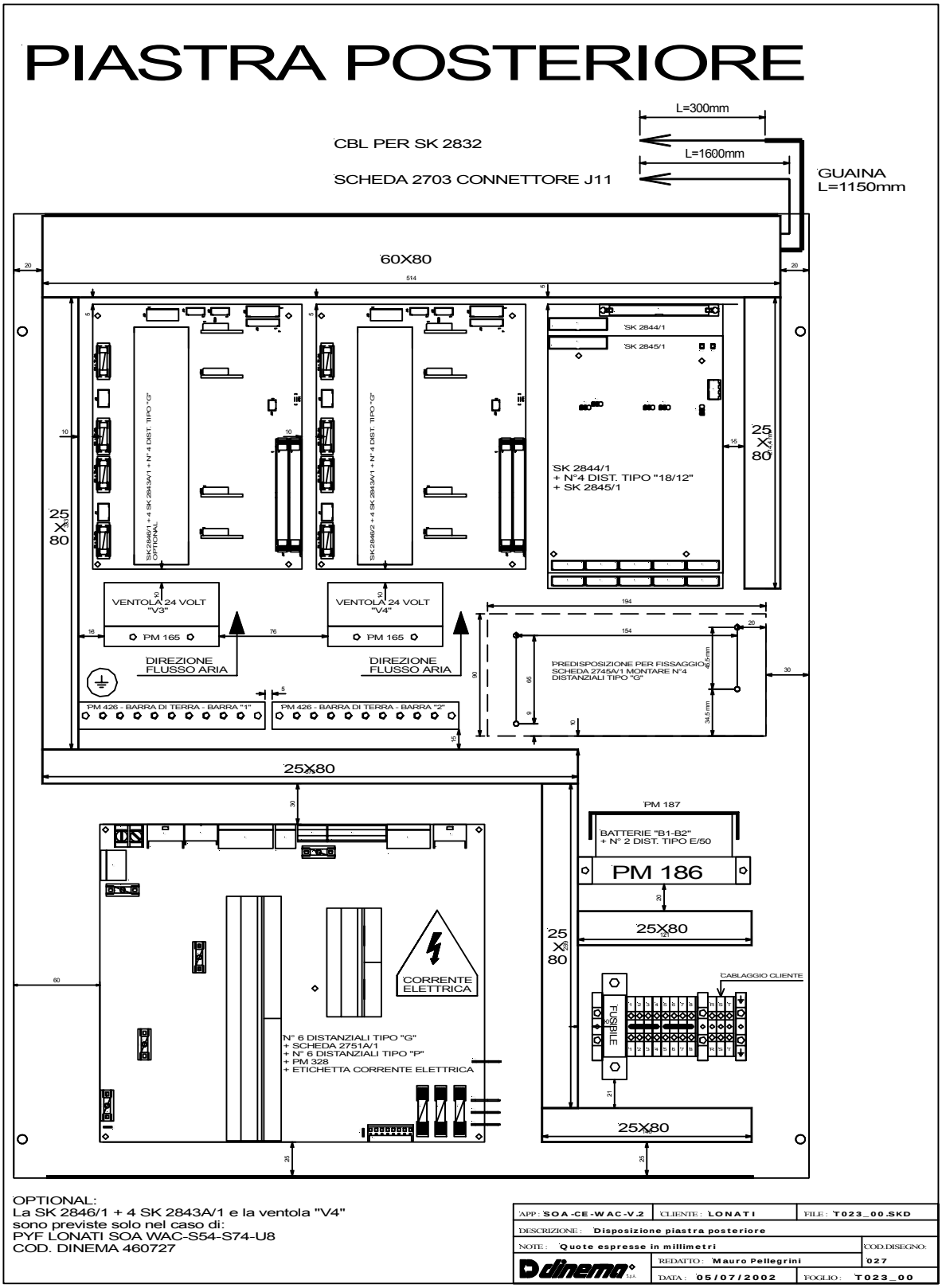
View of front plate



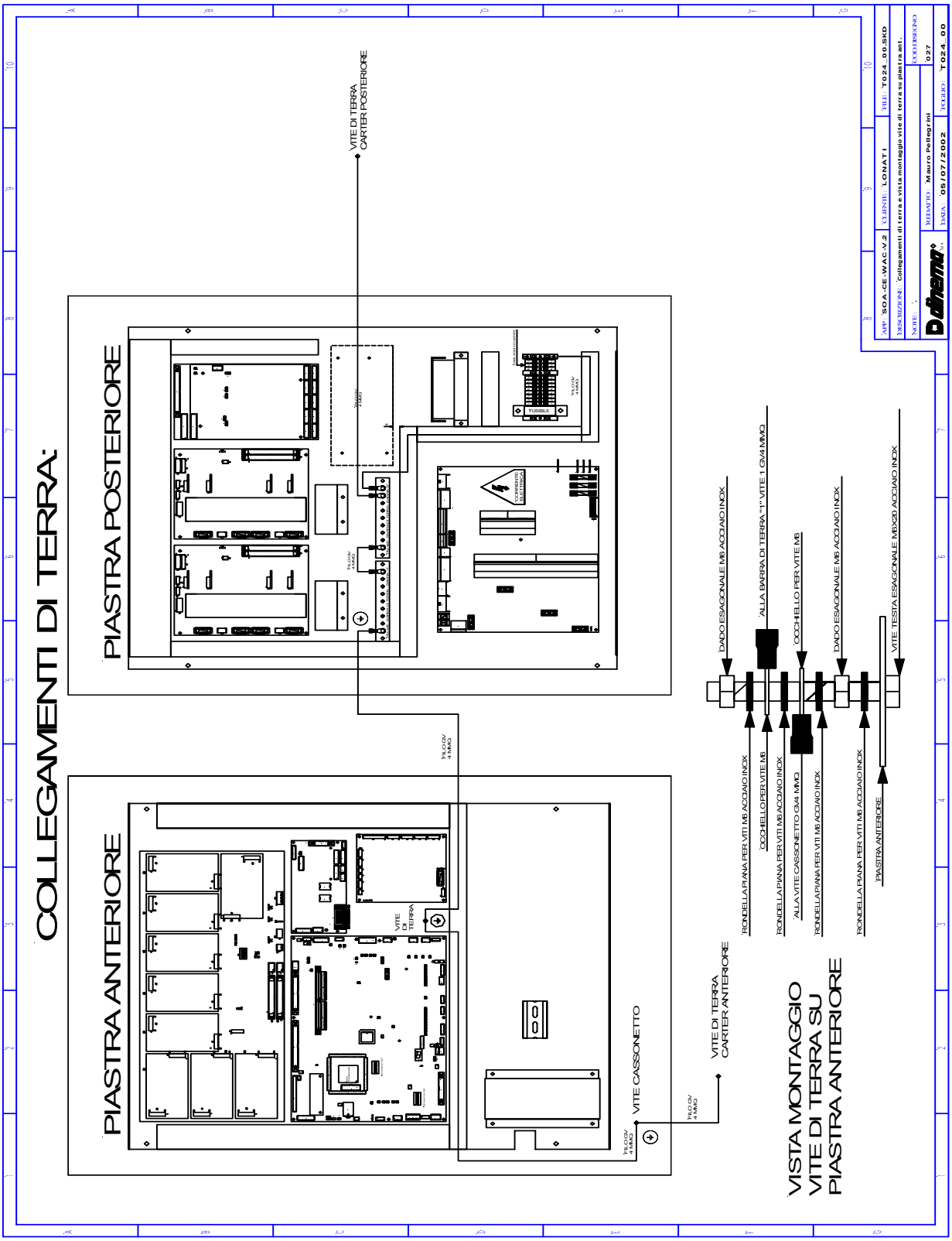
OPTIONAL:
DCN 2000 COD. DINEMA 620885

APP.: SOA-CE-WAC-V.2	CLIENTE: LONATI	FILE: T021_00.SKD
DESCRIZIONE: Disposizione piastra anteriore		
NOTE: Quote espresse in millimetri		COD.DISEGNO: 027
dinema S.p.A.	REDATTO: Mauro Pellegrini	
	DATA: 05/07/2002	FOGLIO: T021_00

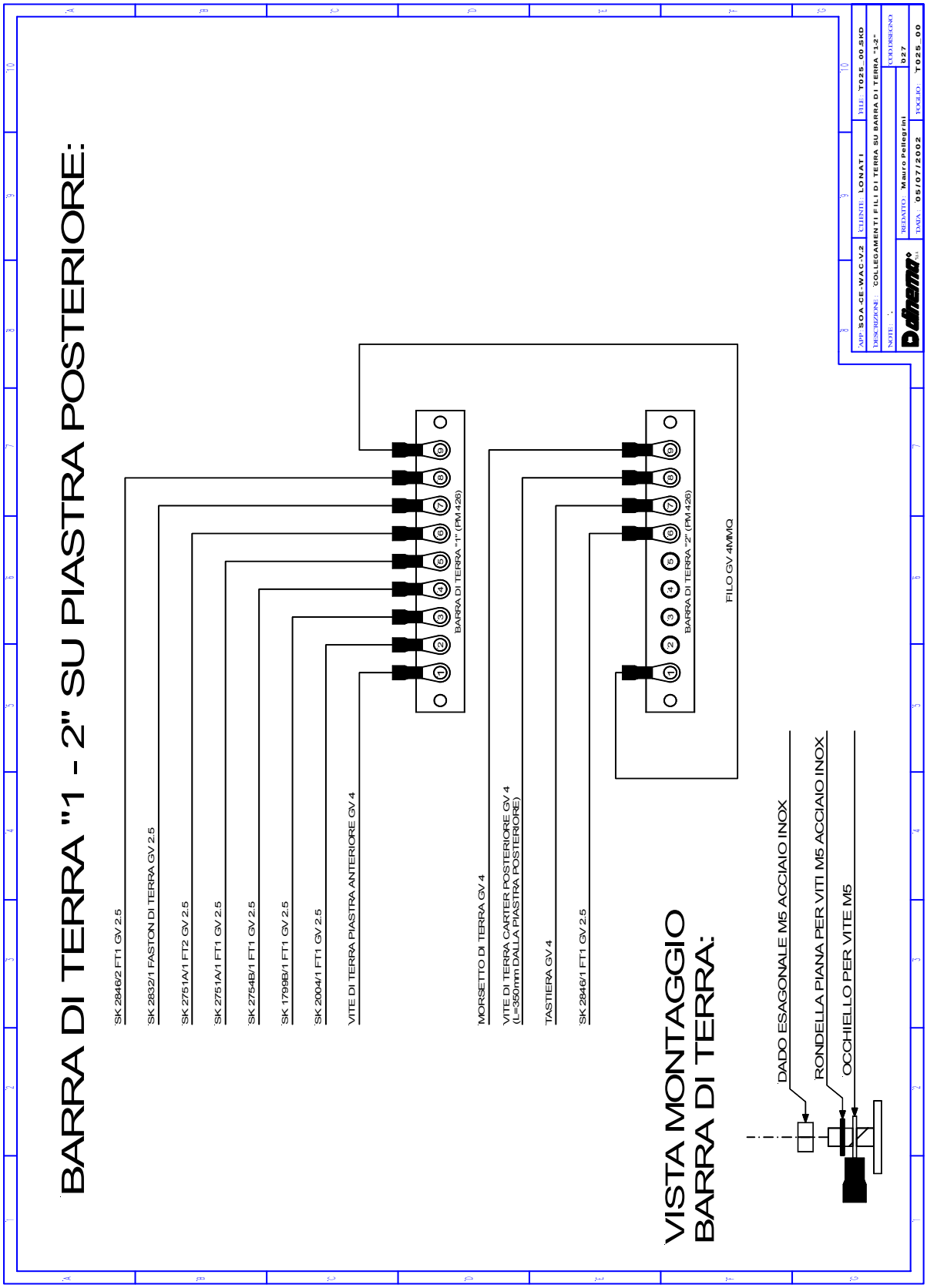
View of rear plate



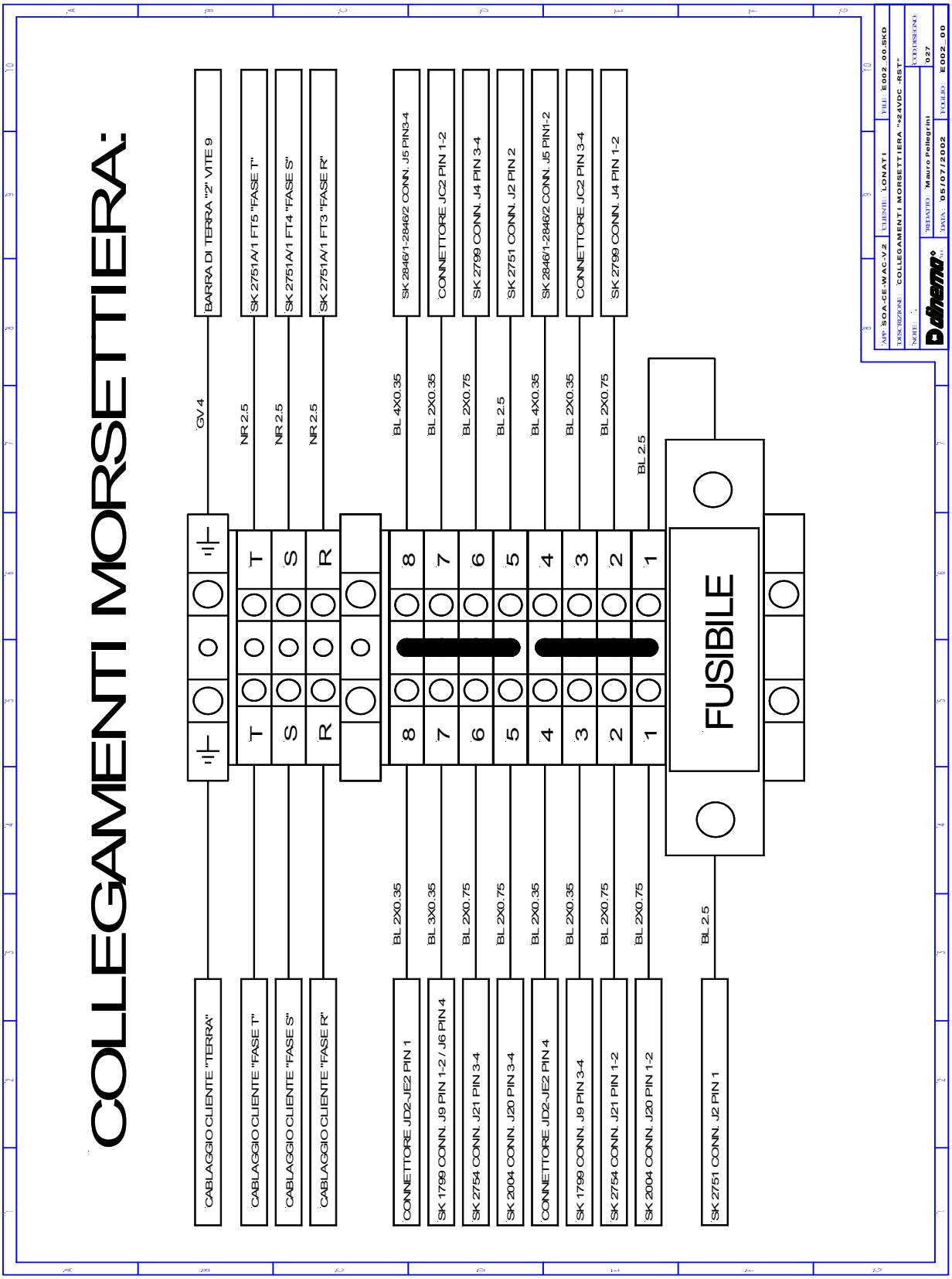
View of ground connections



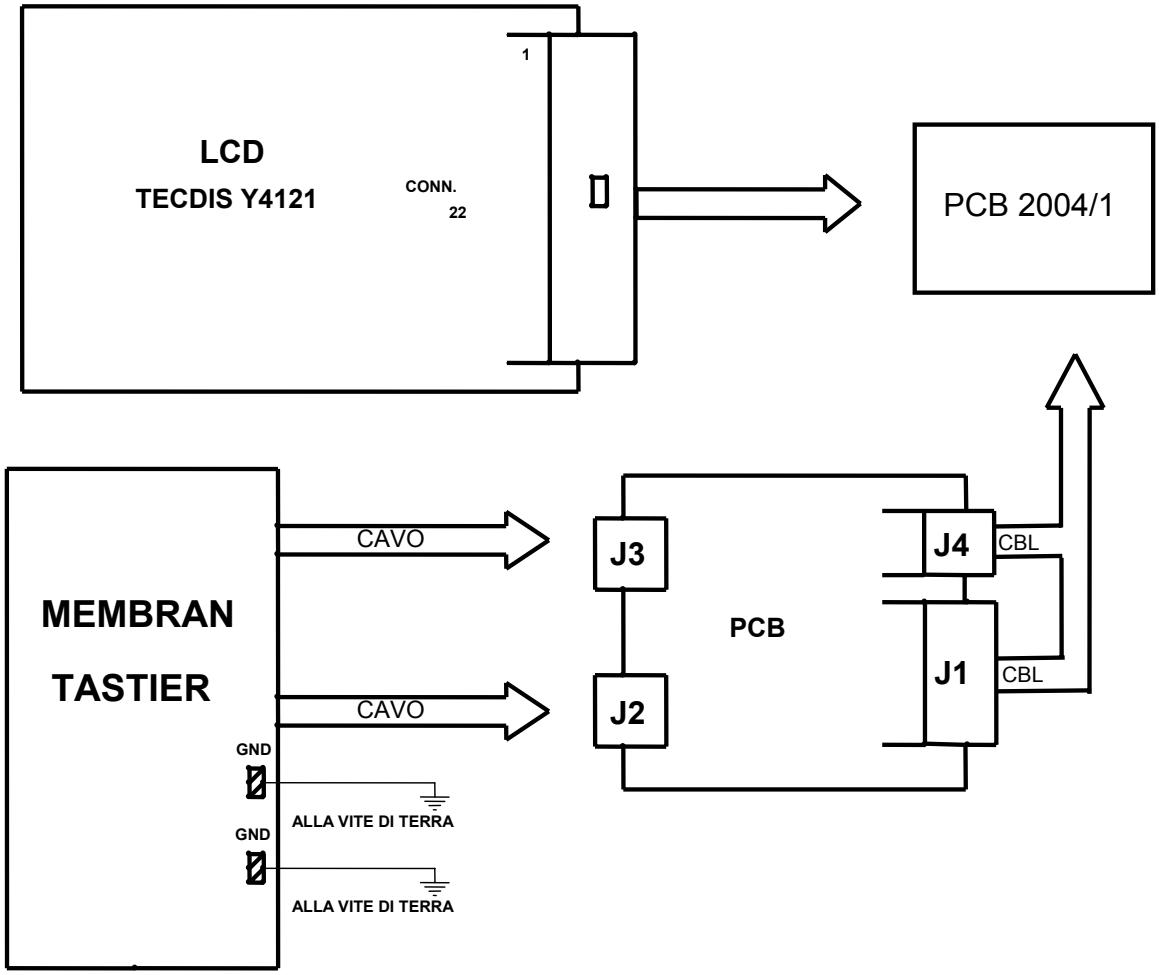
View of ground wire connections (amended standards America) - Wac-



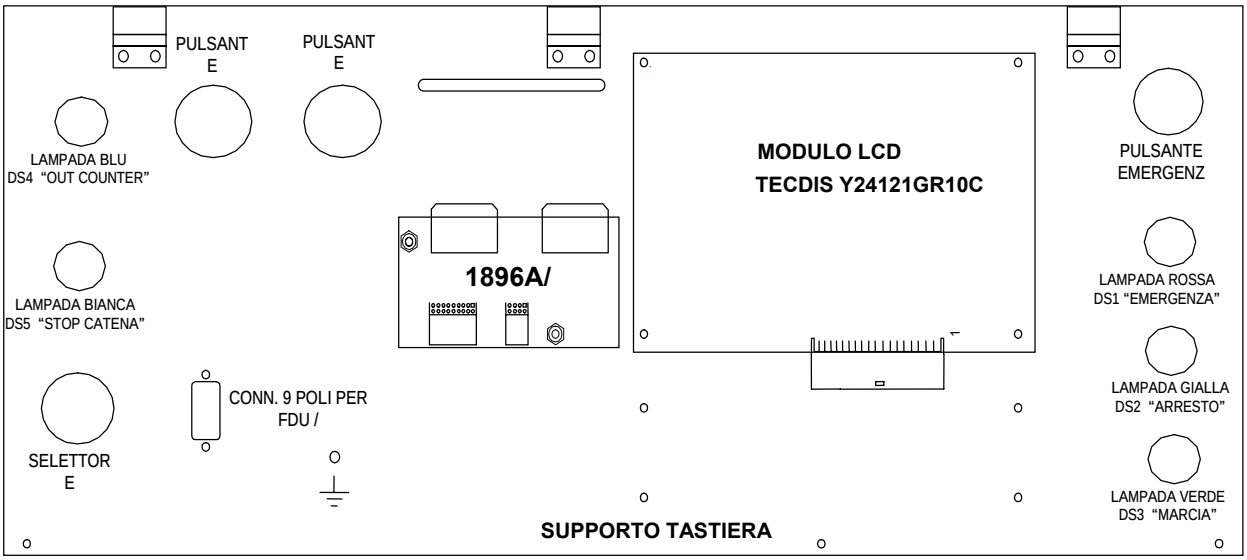
Connections on terminal board "+24VDC - RST"



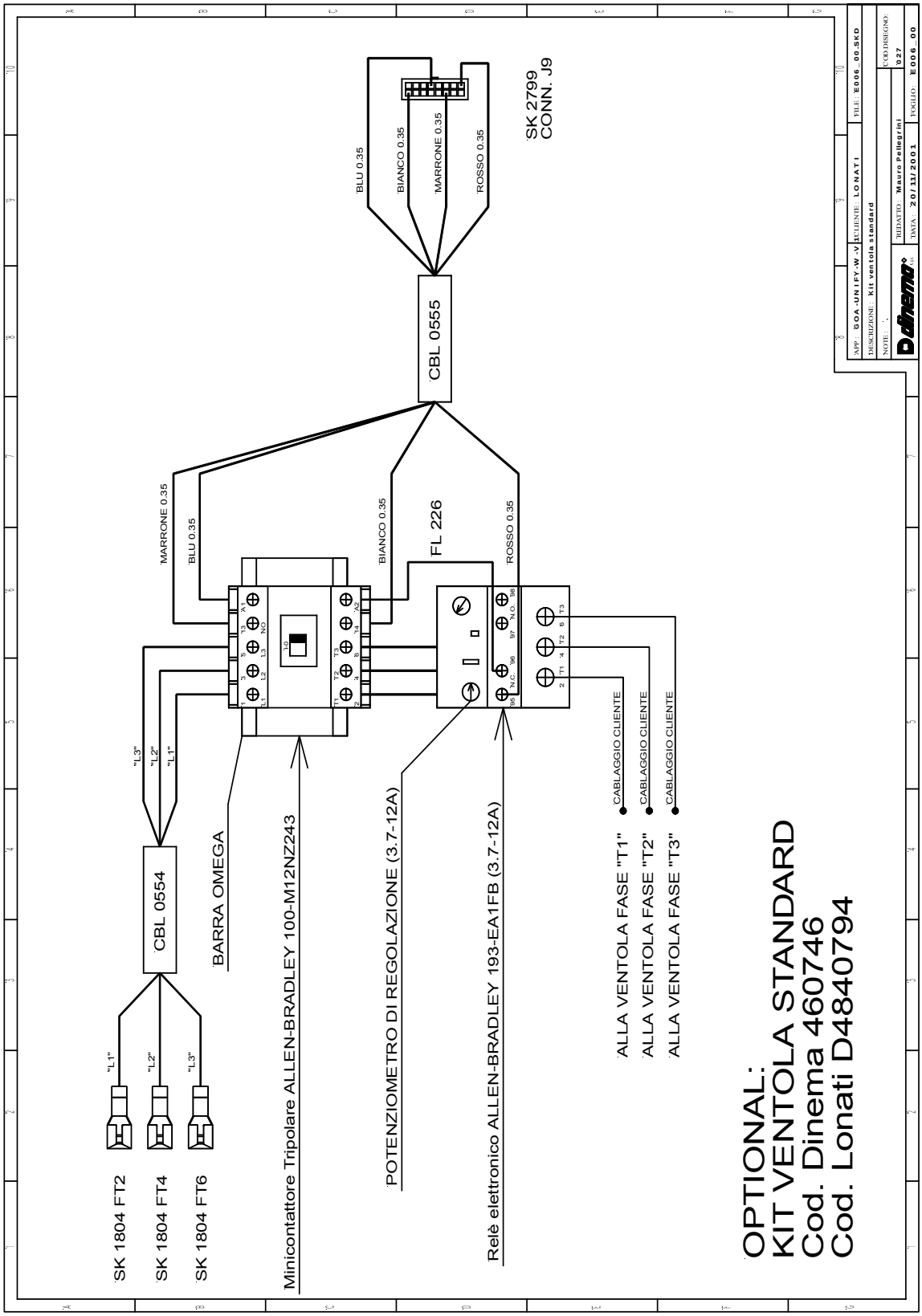
Assembly view of Keyboard – Display – Pcb 1896A/1



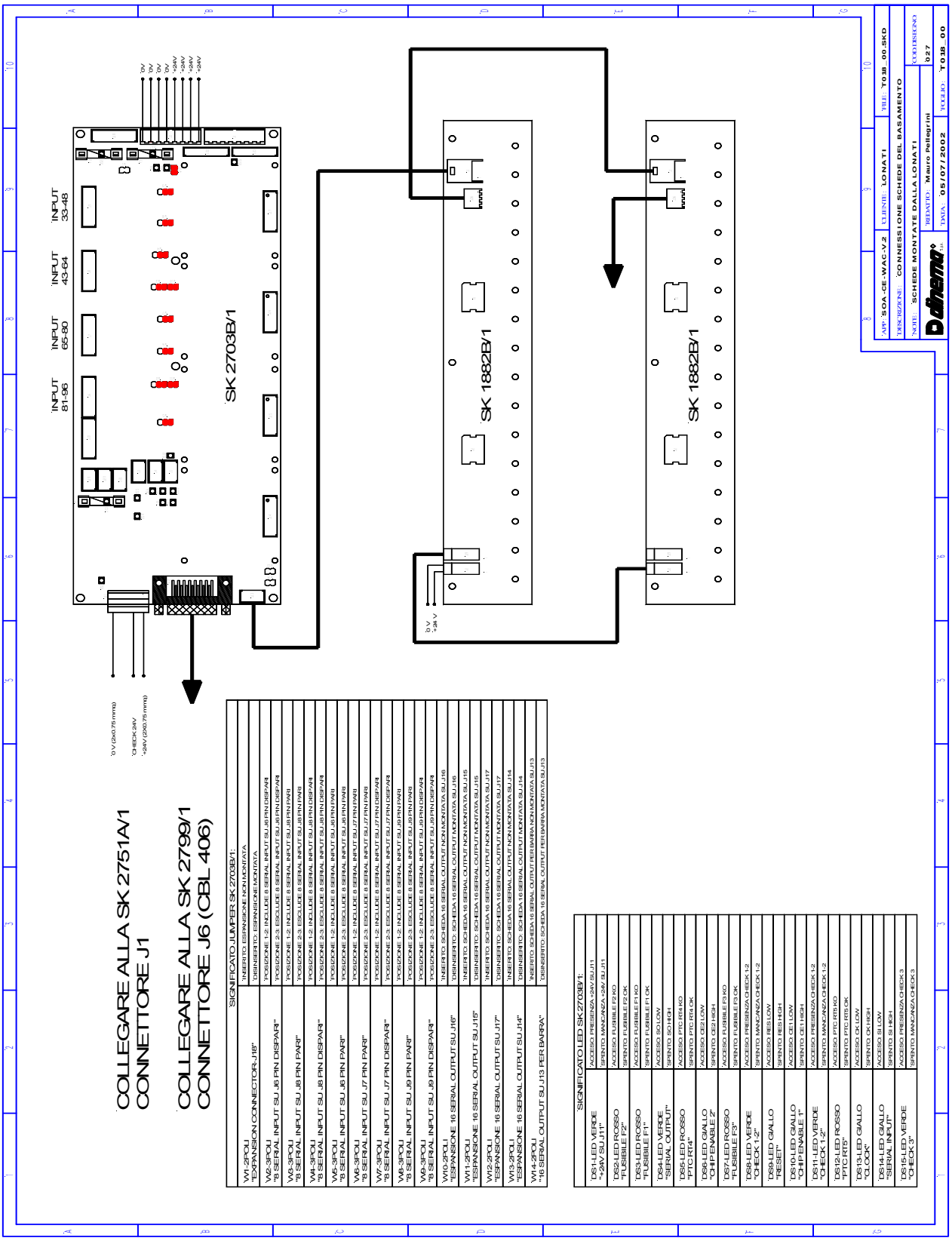
REAR VIEW OF KEYBOARD



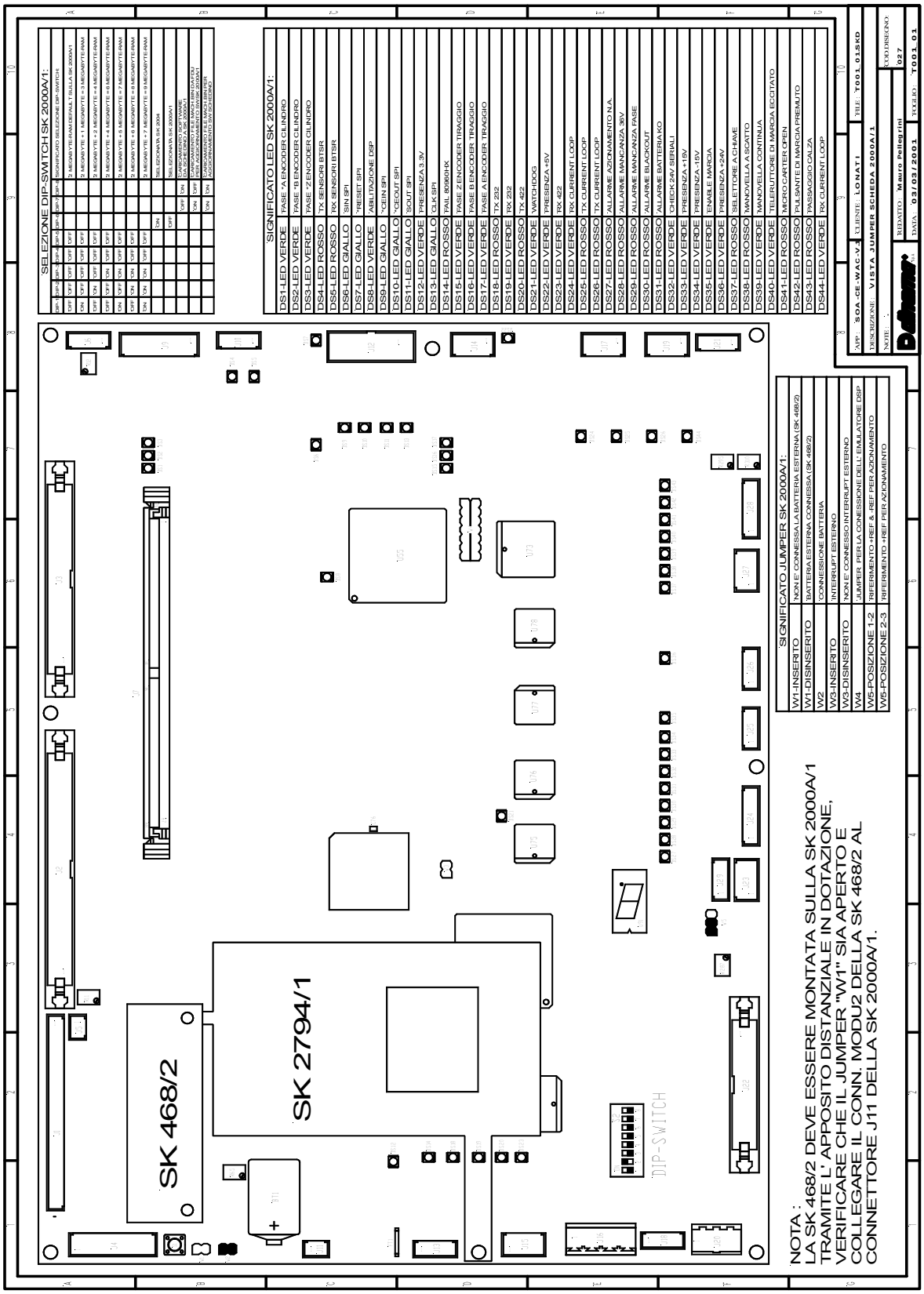
Standard fan connection kit



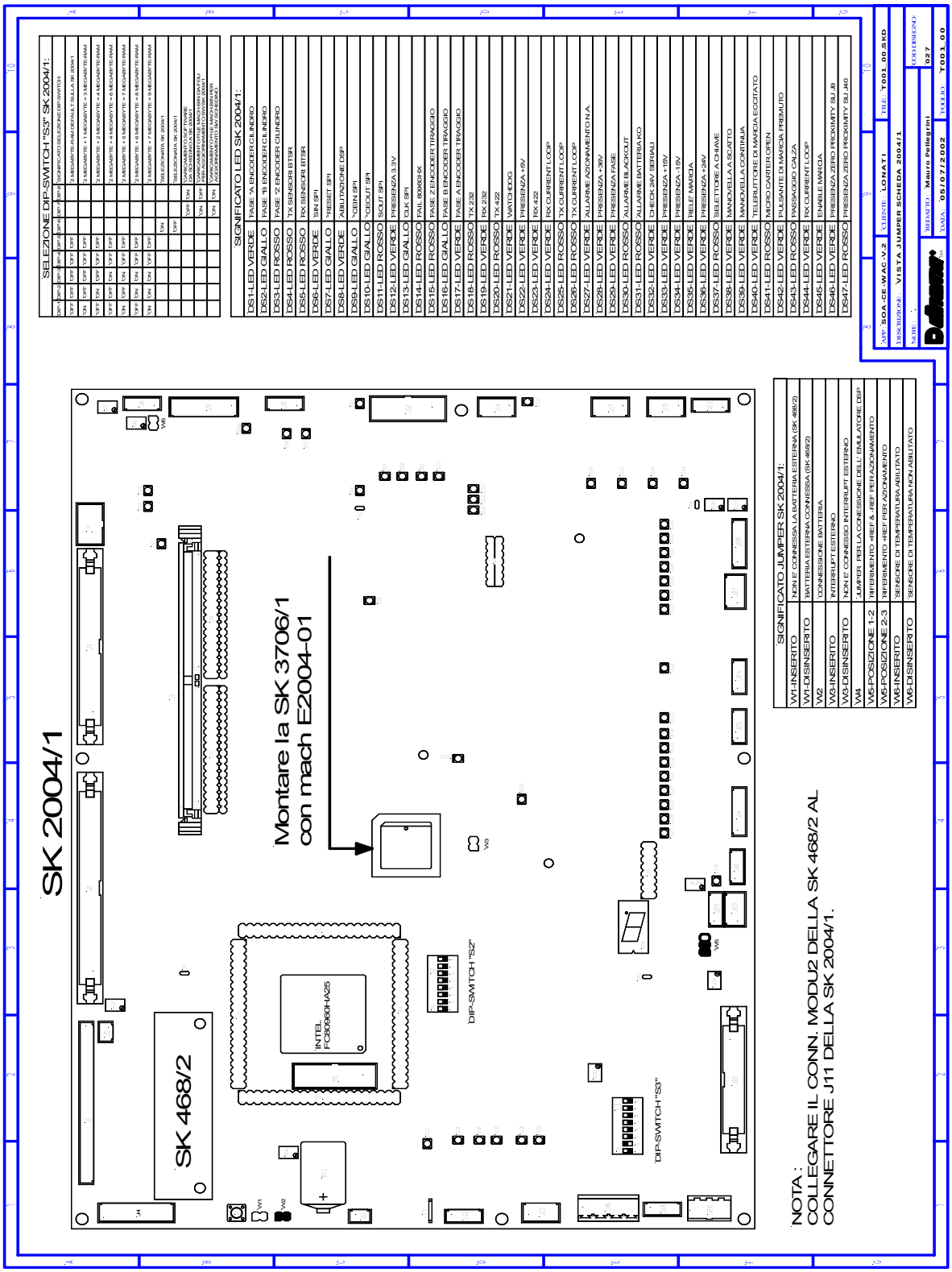
View of connection of boards 2703 with 1882 (serial) Wac &Matrix



Front view of PCB 2000A/1



View and front connection of board Pcb 2004/1



Connection of circuit 2004/1 MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 2		TERRA
J1	1					MODULO LCD CONN. J1 PIN 1		0V
J1	2					MODULO LCD CONN. J1 PIN 2		+5V
J1	3					MODULO LCD CONN. J1 PIN 3		V. CONTRASTO
J1	4					MODULO LCD CONN. J1 PIN 4		A0
J1	5					MODULO LCD CONN. J1 PIN 5		R/*W
J1	6					MODULO LCD CONN. J1 PIN 6		E
J1	7					MODULO LCD CONN. J1 PIN 7		D0
J1	8					MODULO LCD CONN. J1 PIN 8		D1
J1	9					MODULO LCD CONN. J1 PIN 9		D2
J1	10					MODULO LCD CONN. J1 PIN 10		D3
J1	11					MODULO LCD CONN. J1 PIN 11		D4
J1	12					MODULO LCD CONN. J1 PIN 12		D5
J1	13					MODULO LCD CONN. J1 PIN 13		D6
J1	14					MODULO LCD CONN. J1 PIN 14		D7
J1	15					MODULO LCD CONN. J1 PIN 15		*CSDISP
J1	16					MODULO LCD CONN. J1 PIN 16		*RESET
J1	17					MODULO LCD CONN. J1 PIN 17		-15V
J1	18							N.C.
J1	19							N.C.
J1	20							N.C.
J1	21							N.C.
J1	22							N.C.
J2	1	CVP 203				SK 2844 CONN. J1 PIN 1		0V
J2	2	CVP 203				SK 2844 CONN. J1 PIN 2		0V
J2	3	CVP 203				SK 2844 CONN. J1 PIN 3		D1
J2	4	CVP 203				SK 2844 CONN. J1 PIN 4		D0
J2	5	CVP 203				SK 2844 CONN. J1 PIN 5		D3
J2	6	CVP 203				SK 2844 CONN. J1 PIN 6		D2
J2	7	CVP 203				SK 2844 CONN. J1 PIN 7		D5
J2	8	CVP 203				SK 2844 CONN. J1 PIN 8		D4
J2	9	CVP 203				SK 2844 CONN. J1 PIN 9		D7
J2	10	CVP 203				SK 2844 CONN. J1 PIN 10		D6
J2	11	CVP 203				SK 2844 CONN. J1 PIN 11		0V
J2	12	CVP 203				SK 2844 CONN. J1 PIN 12		0V
J2	13	CVP 203				SK 2844 CONN. J1 PIN 13		A1
J2	14	CVP 203				SK 2844 CONN. J1 PIN 14		A0
J2	15	CVP 203				SK 2844 CONN. J1 PIN 15		A3
J2	16	CVP 203				SK 2844 CONN. J1 PIN 16		A2
J2	17	CVP 203				SK 2844 CONN. J1 PIN 17		A5
J2	18	CVP 203				SK 2844 CONN. J1 PIN 18		A4
J2	19	CVP 203				SK 2844 CONN. J1 PIN 19		A7
J2	20	CVP 203				SK 2844 CONN. J1 PIN 20		A6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J2	21	CVP 203				SK 2844 CONN. J1 PIN 21		A9
J2	22	CVP 203				SK 2844 CONN. J1 PIN 22		A8
J2	23	CVP 203				SK 2844 CONN. J1 PIN 23		A11
J2	24	CVP 203				SK 2844 CONN. J1 PIN 24		A10
J2	25	CVP 203				SK 2844 CONN. J1 PIN 25		A13
J2	26	CVP 203				SK 2844 CONN. J1 PIN 26		A12
J2	27	CVP 203				SK 2844 CONN. J1 PIN 27		A15
J2	28	CVP 203				SK 2844 CONN. J1 PIN 28		A14
J2	29	CVP 203				SK 2844 CONN. J1 PIN 29		0V
J2	30	CVP 203				SK 2844 CONN. J1 PIN 30		0V
J2	31	CVP 203				SK 2844 CONN. J1 PIN 31		*RD
J2	32	CVP 203				SK 2844 CONN. J1 PIN 32		R/*W
J2	33	CVP 203				SK 2844 CONN. J1 PIN 33		*INT
J2	34	CVP 203				SK 2844 CONN. J1 PIN 34		*WD
J2	35	CVP 203				SK 2844 CONN. J1 PIN 35		*VPA
J2	36	CVP 203				SK 2844 CONN. J1 PIN 36		*BUSY
J2	37	CVP 203				SK 2844 CONN. J1 PIN 37		V.BATTERY
J2	38	CVP 203				SK 2844 CONN. J1 PIN 38		*RESET
J2	39	CVP 203				SK 2844 CONN. J1 PIN 39		RUN
J2	40	CVP 203				SK 2844 CONN. J1 PIN 40		OK
J2	41	CVP 203				SK 2844 CONN. J1 PIN 41		0V
J2	42	CVP 203				SK 2844 CONN. J1 PIN 42		SCK
J2	43	CVP 203				SK 2844 CONN. J1 PIN 43		+5V
J2	44	CVP 203				SK 2844 CONN. J1 PIN 44		SD
J2	45	CVP 203				SK 2844 CONN. J1 PIN 45		+5V
J2	46	CVP 203				SK 2844 CONN. J1 PIN 46		FASE Z
J2	47	CVP 203				SK 2844 CONN. J1 PIN 47		+5V
J2	48	CVP 203				SK 2844 CONN. J1 PIN 48		FASE A
J2	49	CVP 203				SK 2844 CONN. J1 PIN 49		+5V
J2	50	CVP 203				SK 2844 CONN. J1 PIN 50		FASE B

FT1 = FASTON 6.3mm J2 = SEK 18 50 POLI
J1 = MODU2 22 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2004/1	Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M001_00.DOC	Nome foglio: M001_00
			Data: 05/07/2002

CIRCUIT 2004/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1	CVP 137				SK 2754 CONN. J23 PIN 1		FASE B
J3	2	CVP 137				SK 2754 CONN. J23 PIN 2		FASE A
J3	3	CVP 137				SK 2754 CONN. J23 PIN 3		FASE Z
J3	4	CVP 137				SK 2754 CONN. J23 PIN 4		0V
J3	5	CVP 137				SK 2754 CONN. J23 PIN 5		DM9
J3	6	CVP 137				SK 2754 CONN. J23 PIN 6		DM8
J3	7	CVP 137				SK 2754 CONN. J23 PIN 7		DM11
J3	8	CVP 137				SK 2754 CONN. J23 PIN 8		DM10
J3	9	CVP 137				SK 2754 CONN. J23 PIN 9		DM13
J3	10	CVP 137				SK 2754 CONN. J23 PIN 10		DM12
J3	11	CVP 137				SK 2754 CONN. J23 PIN 11		DM15
J3	12	CVP 137				SK 2754 CONN. J23 PIN 12		DM14
J3	13	CVP 137				SK 2754 CONN. J23 PIN 13		DM1
J3	14	CVP 137				SK 2754 CONN. J23 PIN 14		DM0
J3	15	CVP 137				SK 2754 CONN. J23 PIN 15		DM3
J3	16	CVP 137				SK 2754 CONN. J23 PIN 16		DM2
J3	17	CVP 137				SK 2754 CONN. J23 PIN 17		DM5
J3	18	CVP 137				SK 2754 CONN. J23 PIN 18		DM4
J3	19	CVP 137				SK 2754 CONN. J23 PIN 19		DM7
J3	20	CVP 137				SK 2754 CONN. J23 PIN 20		DM6
J3	21	CVP 137				SK 2754 CONN. J23 PIN 21		0V
J3	22	CVP 137				SK 2754 CONN. J23 PIN 22		*CS MPP
J3	23	CVP 137				SK 2754 CONN. J23 PIN 23		+5V
J3	24	CVP 137				SK 2754 CONN. J23 PIN 24		+5V
J3	25	CVP 137				SK 2754 CONN. J23 PIN 25		AM1
J3	26	CVP 137				SK 2754 CONN. J23 PIN 26		AM0
J3	27	CVP 137				SK 2754 CONN. J23 PIN 27		AM3
J3	28	CVP 137				SK 2754 CONN. J23 PIN 28		AM2
J3	29	CVP 137				SK 2754 CONN. J23 PIN 29		AM5
J3	30	CVP 137				SK 2754 CONN. J23 PIN 30		AM4
J3	31	CVP 137				SK 2754 CONN. J23 PIN 31		AM7
J3	32	CVP 137				SK 2754 CONN. J23 PIN 32		AM6
J3	33	CVP 137				SK 2754 CONN. J23 PIN 33		IACKEX MPP
J3	34	CVP 137				SK 2754 CONN. J23 PIN 34		0V
J3	35	CVP 137				SK 2754 CONN. J23 PIN 35		*WDM
J3	36	CVP 137				SK 2754 CONN. J23 PIN 36		*RDLM
J3	37	CVP 137				SK 2754 CONN. J23 PIN 37		V.BATTERY
J3	38	CVP 137				SK 2754 CONN. J23 PIN 38		*RESET-I
J3	39	CVP 137				SK 2754 CONN. J23 PIN 39		*RWM
J3	40	CVP 137				SK 2754 CONN. J23 PIN 40		*INT-MPP

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1			BL	0.35	SK 1896 CONN. J1 PIN 1		RIGA 8
J4	2			BL	0.35	SK 1896 CONN. J1 PIN 2		COLONNA 8
J4	3			BL	0.35	SK 1896 CONN. J1 PIN 3		RIGA 7
J4	4			BL	0.35	SK 1896 CONN. J1 PIN 4		COLONNA 7
J4	5			BL	0.35	SK 1896 CONN. J1 PIN 5		RIGA 6
J4	6			BL	0.35	SK 1896 CONN. J1 PIN 6		COLONNA 6
J4	7			BL	0.35	SK 1896 CONN. J1 PIN 7		RIGA 5
J4	8			BL	0.35	SK 1896 CONN. J1 PIN 8		COLONNA 5
J4	9			BL	0.35	SK 1896 CONN. J1 PIN 9		RIGA 4
J4	10			BL	0.35	SK 1896 CONN. J1 PIN 10		COLONNA 4
J4	11			BL	0.35	SK 1896 CONN. J1 PIN 11		RIGA 3
J4	12			BL	0.35	SK 1896 CONN. J1 PIN 12		COLONNA 3
J4	13			BL	0.35	SK 1896 CONN. J1 PIN 13		RIGA 2
J4	14			BL	0.35	SK 1896 CONN. J1 PIN 14		COLONNA 2
J4	15			BL	0.35	SK 1896 CONN. J1 PIN 15		RIGA 1
J4	16			BL	0.35	SK 1896 CONN. J1 PIN 16		COLONNA 1
J4	17							COLONNA 10
J4	18			BL	0.35	SK 1896 CONN. J1 PIN 18		COLONNA 9
J5	1							ENABLE LMP LCD
J5	2							0V
J6	1							POSITIVO SENSORE TEMPERATURA
J6	2							OUT SENSORE TEMPERATURA
J6	3							0V
J6	4							0V
J9	1			BI	0.35		SK 1848 CONN. J7 PIN 12	0V
J9	2			GV	0.35		SCHERMATURA	0V
J9	3			VE	0.35		SK 1848 CONN. J7 PIN 11	FASE *A ENCODER CIL.
J9	4			MR	0.35		SK 1848 CONN. J7 PIN 10	FASE A ENCODER CIL.
J9	5			GI	0.35		SK 1848 CONN. J7 PIN 8	FASE *B ENCODER CIL.
J9	6			RS	0.35		SK 1848 CONN. J7 PIN 9	FASE B ENCODER CIL.
J9	7			BL	0.35		SK 1848 CONN. J7 PIN 6	FASE *Z ENCODER CIL.
J9	8			GRI	0.35		SK 1848 CONN. J7 PIN 7	FASE Z ENCODER CIL.
J9	9							PROX
J9	10							PROX
J9	11							AL +24
J9	12							AL +24
J9	13							0V
J9	14							0V
J9	15							+5V
J9	16							+5V

J3 = SEK18 40 POLI J5 = MODU2 2 POLI J9 = MODU2 8X2 POLI
J4 = MODU2 9X2 POLI J6 = MODU2 4 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2004/1	Cliente: LONATI	Note:	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M002_00.DOC	Nome foglio: M002_00	Data: 05/07/2002

CIRCUIT 2004/1 MODULE 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							N.C.
J10	2			BL	0.35		CONN. “BTSR” PIN 2	TX/RX - TTL
J10	3			NR	0.35		CONN. “BTSR” PIN 3	0V
J10	4			MR	0.35		CONN. “BTSR” PIN 4	+24V
J11	1			RO	0.35	GIA’ ESISTENTE SU SK 468 PIN 1		INPUT BATTERIA EX. POSITIVO
J11	2			NR	0.35	GIA’ ESISTENTE SU SK 468 PIN 2		INPUT BATTERIA EX. NEGATIVO
J12	1	CVP 091				SK 2799 CONN. J5 PIN 1		0V
J12	2	CVP 091				SK 2799 CONN. J5 PIN 2		CLKSPI
J12	3	CVP 091				SK 2799 CONN. J5 PIN 3		0V
J12	4	CVP 091				SK 2799 CONN. J5 PIN 4		SOUTSPI
J12	5	CVP 091				SK 2799 CONN. J5 PIN 5		0V
J12	6	CVP 091				SK 2799 CONN. J5 PIN 6		*RESETSPI
J12	7	CVP 091				SK 2799 CONN. J5 PIN 7		0V
J12	8	CVP 091				SK 2799 CONN. J5 PIN 8		*CEOUTSPI
J12	9	CVP 091				SK 2799 CONN. J5 PIN 9		0V
J12	10	CVP 091				SK 2799 CONN. J5 PIN 10		*CEINSPI
J12	11	CVP 091				SK 2799 CONN. J5 PIN 11		0V
J12	12	CVP 091				SK 2799 CONN. J5 PIN 12		SINSPI
J12	13	CVP 091				SK 2799 CONN. J5 PIN 13		0V
J12	14	CVP 091				SK 2799 CONN. J5 PIN 14		0V
J13	1							TX RS 232
J13	2							RX RS 232
J13	3							0V
J13	4							0V
J14	1			NR	0.35		CONN. “ENC. AB.” PIN 1	0V
J14	2			GV	0.35		SCHERMATURA	0V
J14	3			GI	0.35		CONN. “ENC. AB.” PIN 3	FASE A ENCODER TIR.
J14	4							N.C.
J14	5			BL	0.35		CONN. “ENC. AB.” PIN 5	FASE B ENCODER TIR.
J14	6							N.C.
J14	7			VE	0.35		CONN. “ENC. AB.” PIN 7	FASE Z ENCODER TIR.
J14	8			RO	0.35		CONN. “ENC. AB.” PIN 8	+5V
J15	1	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		TX RS 485 +
J15	2	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		TX RS 485 -
J15	3	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		RX RS 485 -
J15	4	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		RX RS 485 +
J15	5	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		0V EXT
J15	6	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		0V EXT
J15	7	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		+5V EXT

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J15	8	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		+5V EXT
J16	1			BL	1	SK 2751 CONN. J7 PIN 3		+5V
J16	2							+5V
J16	3			BL	1	SK 2751 CONN. J7 PIN 1		0V
J16	4							0V
J17	1			BL	0.35	CONN. “JA” PIN 2		TX LOOP + FDU
J17	2			BL	0.35	CONN. “JA” PIN 4		TX LOOP – FDU
J17	3			BL	0.35	CONN. “JA” PIN 5		RX LOOP + FDU
J17	4			BL	0.35	CONN. “JA” PIN 6		RX LOOP – FDU
J17	5			BL	0.35	CONN. “JA” PIN 8		0V
J17	6							+24V
J17	7			BL	0.35	CONN. “JA” PIN 1		0V
J17	8			BL	0.35	CONN. “JA” PIN 7		+24V
J18	1			BL	0.35	SK 2751 CONN. J3 PIN 1		+15V
J18	2			BL	0.35	SK 2751 CONN. J3 PIN 7		0V
J18	3			BL	0.35	SK 2751 CONN. J3 PIN 8		0V
J18	4			BL	0.35	SK 2751 CONN. J3 PIN 13		-15V
J19	1							RX LOOP + DSK
J19	2							RX LOOP – DSK
J19	3							TX LOOP - DSK
J19	4							0V
J19	5							TX LOOP + DSK
J19	6							0V
J19	7							+24V
J19	8							0V
J20	1			BL	0.75	MORSETTO 1		+24V
J20	2			BL	0.75	MORSETTO 1		+24V
J20	3			BL	0.75	MORSETTO 5		0V
J20	4			BL	0.75	MORSETTO 5		0V
J21	1			BL	0.35		CONN. “P.CALZA” PIN 3	0V
J21	2			MR	0.35		CONN. “P.CALZA” PIN 2	ANOD. FOTODIODO PASS. CAL.
J21	3			NR	0.35		CONN. “P.CALZA” PIN 4	COLL. FOTODIODO PASS. CAL.
J21	4							0V

J10 = MODU2 4 POLI J12 = SEK18 14 POLI J14 = MODU2 4X2 POLI J16 = SLA 4 POLI J18 = MODU2 4 POLI J20 = MODU1 4 POLI
J11= MODU2 2 POLI J13 = MODU2 4 POLI J15 = MODU2 4X2 POLI J17 = MODU2 4X2 POLI J19 = MODU2 4X2 POLI J21 = MODU2 4 POLI

App : SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2004/1	Cliente: LONATI	Note:	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M003_00.DOC	Nome foglio: M003_00	Data: 05/07/2002

CIRCUIT 2004/1 MODULE 4

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J22	1							DIREZIONE MOTORE 1
J22	2							STEP MOTORE 1
J22	3							ZERO MOTORE 1
J22	4							*BUSY MOTORE 1
J22	5							+5V
J22	6							0V
J22	7							DIREZIONE MOTORE 2
J22	8							STEP MOTORE 2
J22	9							ZERO MOTORE 2
J22	10							*BUSY MOTORE 2
J22	11							+5V
J22	12							0V
J22	13							DIREZIONE MOTORE 3
J22	14							STEP MOTORE 3
J22	15							ZERO MOTORE 3
J22	16							*BUSY MOTORE 3
J22	17							+5V
J22	18							0V
J22	19							STEP MOTORE ELASTICO
J22	20							0V
J22	21							+24V
J22	22							0V
J22	23							+24V
J22	245							0V
J22	25							+24V
J22	26							0V
J23	1			BI	0.22		SK 1848 CONN. J1 PIN 5	ALL. AZIONAMENTO N.A.
J23	2			GV	0.22		SCHERMATURA	0V
J23	3			MR	0.22		SK 1848 CONN. J1 PIN 12	REF +
J23	4			GI	0.22		SK 1848 CONN. J1 PIN 4	0V
J23	5			VI	0.22		SK 1848 CONN. J1 PIN 24	ENABLE POLO 2
J23	6						SK 1848 CONN. J1 PIN 1	0V
J23	7			GR	0.22		SK 1848 CONN. J1 PIN 25	ENABLE POLO 1
J23	8			BL	0.22		SK 1848 CONN. J1 PIN 11	0V
J24	1			BL	0.35	SK 2751 CONN. J4 PIN 8		ALLARME MANCANZA 36V
J24	2			BL	0.35	SK 2751 CONN. J4 PIN 2		ALLARME MANCANZA FASE
J24	3			BL	0.35	SK 2751 CONN. J4 PIN 3		ALLARME BLACKOUT
J24	4			BL	0.35	SK 2751 CONN. J4 PIN 4		ALLARME BATTERIA KO
J24	5			BL	0.35	SK 2751 CONN. J4 PIN 5		INPUT TEST BATTERY
J24	6			BL	0.35	SK 2751 CONN. J4 PIN 6		CHECK 24V SERIALI

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J25	1			BL	0.35	SK 1799 CONN. J8 PIN 1		ENABLE MARCIA
J25	2							ENABLE MARCIA
J25	3							0V
J25	4			BL	0.35	SK 1799 CONN. J8 PIN 2		0V
J26	1			MR	0.35		CONN. "BTSR/AS" PIN 4	+24V
J26	2			BI	0.35		CONN. "BTSR/AS" PIN 2	ENABLE SENSORE
J26	3			RO	0.35		CONN. "BTSR/AS" PIN 1	STOP SENSORE
J26	5			BL	0.35		CONN. "BTSR/AS" PIN 3	0V
J27	1			BL	0.35	LAMPADA BIANCA DS5 POLO 1		LAMPADA BIANCA DS4 POLO 1
J27	2			BL	0.35	LAMPADA BIANCA DS5 POLO 2		LAMPADA BIANCA DS4 POLO 2
J27	3			BL	0.35	SELETTORE CHIAVE POLO 2		0V
J27	4			BL	0.35	LAMPADA BLU DS4 POLO 1		LAMPADA BLU DS3 POLO 1
J27	5							N.C.
J27	6			BL	0.35	LAMPADA BLU DS4 POLO 2		LAMPADA BLU DS3 POLO 2
J27	7							N.C.
J27	8			BL	0.35	SELETTORE CHIAVE POLO 1		CSP 1
J28	1			BL	0.35	SK 1799 CONN. J4 PIN 1		MANSCT
J28	2			BL	0.35	SK 1799 CONN. J4 PIN 2		MANCONT
J28	3			BL	0.35	SK 1799 CONN. J4 PIN 3		TMECC
J28	4			BL	0.35	SK 1799 CONN. J4 PIN 4		MICRO CARTER OPEN
J28	5			BL	0.35	SK 1799 CONN. J4 PIN 5		PMP
J28	6							0V
J29	1			MR	0.35		SK 1848 CONN. J1 PIN 21	+15V
J29	2			BL	0.35		SK 1848 CONN. J1 PIN 22	0V
J29	3			NR	0.35		SK 1848 CONN. J1 PIN 23	-15V
J29	4							0V
J30	1							*PROG EX
J30	2							CCLK EX
J30	3							DOUT EX
J30	4							*INIT
J30	5							DONE
J30	6							OV
J40	1							+24V
J40	2							ZER EX
J40	3							0V
J40	4							0V

J22 = SEK18 26 POLI J24 = MODU2 6 POLI J26 = MODU2 4 POLI J28 = MODU2 6 POLI J30 = SEK 18 6 POLI
J23 = MODU2 4X2 POLI J25 = MODU2 4 POLI J27 = MODU2 4X2 POLI J29 = MODU2 4 POLI J40 = MODU2 4 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2004/1	Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M004_00.DOC	Nome foglio: M004_00	Data: 05/07/2002

Characteristics of board Pcb 2000A/1 - Pcb 2004A/1

Main features

All management logic of the machine, plus other functions, are now performed by the main processor board, Pcb 2000A/1, later replaced with Pcb 2004A/1 (from now on referring to this board we will call it simply 2004, but we mean Pcb 2000A/1 – 2004A/1).
The engine for everything is the 32 bit Intel processor that, flanked by the various intelligent peripherals (e.g. DSP) enables the machine to work.

Pcb 2004 contains the RAM memory (program memory) in the standard quantity of **4 Megabyte** (switch **2** of S2-2000 or S3-2004 in position On).
There are also 2 lithium batteries (**BT1** and **BT2**) to buffer it, otherwise every time it is switched off all the programs would be lost. Normally the standard setting is with jumper W2 closed (battery BT1 inserted) and board Pcb 468/2 mounted with conn. J11 occupied (battery BT2 inserted).

NOTE: Procedure in case of loss of RAM data.
If it should be necessary to clean the Ram memory (losing the programs and any configurations), the procedure is: machine off at step 0, open jumper W2, and disconnect from conn. J11 I battery BT2 if present (pcb 468/2); wait about 2 minutes, replace everything as before (W2 = closed and J11 = connected) and switch the machine back on.

In the appendix to this description there are some tables showing the meaning and use of each connector, led, jumper, trimmer, dip-switch.
We shall now indicate briefly the functions of the board with some helpful information.

The condition for correct operation of the machine is that the 7-segment display of board 2004 should have a single dot "**.**" flashing, and green led Ds21 should be on (**watch-dog**). The only times when these signals can be blocked or off are relative to operations in the "Flash" memory (e.g. software updates).

The board receives the power necessary on its input for operation through connectors J16 (+5V DC), J18 (+/-15V DC), J20 (+24V DC); the power comes from Pcb 2751A/1.
An indication of the presence of these power supplies can be seen by checking the conditions of green leds Ds12 (3V3V DC for the presence of +5V DC), Ds22 (5 VPOW from the +24VDC), Ds36 (presence of +24V DC), aside from the fact that the lack of these power supplies creates many other problems.

The following are the main controls implemented on Pcb 2004.

- Control of system **Display/Keyboard** connecting directly to Pcb 1896A/1 (keyboard) and machine display with connectors J4 and J1.
  Trimmer R11 (2004) maintains basic adjustment of luminosity of the machine display, other calibrations are made with "set-up". If it should be necessary to replace board, make sure the calibration value of the luminosity in the set-up is the previous one (generally, the standard is 8), if after replacement the display is not bright enough, turn the trimmer clockwise.

- Control of "**Serial line**" for inputs and outputs connecting by outgoing "Flat" cable from connector J12 with **Pcb 2799/1**, (Pcb 1888/1).
  From Pcb 2799/1, then, the serial line continues to the external interface Pcb 2703A/1 and thereafter to the various output boards, modules and bars (Pcb 1881A/1 and Pcb 1882B/1).

- Controls electronic **pattern drums**.

- Manages movement of the **main motor** connecting to the motor drive (**Runner**) by cables departing from connectors J23 (reference and enable), J29 (power supply +/- 15V DC).
  Jumper W5 is positioned on the motor speed reference circuit, set in position 1-2 closed to permit motion in <u>both directions</u>.

- Controls count of **resolver/encoder**.

- Controls sensor system for yarn glide **Btsr** and anti-pull devices.

- Controls **start/stop** commands through connection to Pcb 1799B/1 by connectors J25 and J28.
  In particular from conn. J28 the signal departs to "enable start" displayed by led Ds35 (on with machine running), and then arrives at Pcb 1804C/1 enabling the main start relay.

- Manages "**stocking passage**" through connector J21.
  There are 2 trimmers on this circuit: R359 (R310 on Pcb 2000), R343 (R295) used to change the standard calibration made by Dinema, which is normally valid for any type of stocking produced. Led Ds43 lights up to indicate "stocking passage".

- Manages **voltage control** and error signal display leds, in particular :

- signal of "Power out on step-step motor" to led Ds28 (correct signal = led on);
- signal of "No network phase" to led Ds29 (correct signal = led on);
- signal of "Blackout alarm" to led Ds30 (correct signal = led off);
- signal of "Battery Blackout discharged" to led Ds31 (correct signal = led off);
- signal of "No power at 24V DC to serial outputs" to led Ds32 (correct signal = led on);
- signal of "Power out +15V DC" to led Ds33 (correct signal = led on);
- signal of "Power out –15V DC" to led Ds34 (correct signal = led on);

! *Bear in mind that it is not a good idea to change the settings of jumpers, dip-switches,*
trimmers, without knowing what you are doing, the board could have malfunctions that,
due to the difficulty of understanding the problem, could cause replacement, with probable loss of settings and important data.

Board Pcb 468/2

This board consists of a 3.6V battery (BT2) installed on conn. J11 of Pcb 2004;
with jumper W1 open it is the battery used to buffer the “Ram” program memory.
It is almost always installed except on the first machines produced (early 1998).
When it is discharged a message warns the user, but at the same time the battery BT1 starts working and keeps the “Ram” buffered.
Therefore the user has time to replace the battery on Pcb 468/2 without losing any programs.
Also, Pcb 468/2 can be dismantled in seconds (disconnect J11 and unscrew 2 nuts), without removing Pcb 2004.

Pcb 2779/1

This is a board that can be installed on conn. J7 of Pcb 2004 and is practically a copy of the “Flash” memory of Pcb 2004. <u>It is used to speed possible software updates.</u>
By operating the “switches” of S3 (Pcb 2004) / S2 (Pcb 2000) appropriate, it is possible to insert the update software initially on Pcb 2779/1 and later have it recopied into the “Flash” memory of Pcb 2004. This latter operation takes about 30 seconds.
Then, moving Pcb 2779/1 to the other machines of the same kind, updating is a matter of a few minutes for each.

Pcb 2791/1

This is a board that can be installed on conn. J7 of Pcb 2004, and is simply an expansion of the “Ram”, that adds an extra 4 Megabytes of “Ram” to the 4 already present on the board Pcb 2004. Naturally, the “dip-switch” S3 or S2 have to be set properly (see description of “dip-switches”). Currently, the “Ram” available on Pcb 2004 is sufficient, so pcb 2791/1 is never used.

Description of “Connectors” Pcb 2000A/1- Pcb 2004A/1

Conn. no.	Conn. type	Description of use of connector
Conn. J1	Modu 2 22x1 poles	To module LCD (machine display)
Conn. J2	Flat sek18 50 poles	Connection to boards for pattern drums, Pyf, Pyf 2000, Dyteco
Conn. J3	Flat sek18 40 poles	Connection to Pcb 2754A/1 or Pcb 2889/1 (Integrated)
Conn. J4	Modu 2 9x2 poles	To Pcb 1896A/1 (keyboard)
Conn. J5	Modu 2 2x1 poles	Enable lamp LCD (not used)
Conn. J6	Modu 2 4x1 poles	To temperature sensor
Conn. J7	Simm. 68 poles	Insertion connector Pcb 2779/1, Pcb 2791/1, “key” Pcb 2796/1
Conn. J8	Flat sek18 16 poles	Not connected
Conn. J9	Modu 2 8x2 poles	To motor drive, motor resolver phases
Conn. J10	Modu 2 4x1 poles	To Btsr yarn glide sensors (not used)
Conn. J11	Modu 2 2x1 poles	To external battery 3.2V DC for program memory
Conn. J12	Flat sek18 14 poles	To board Pcb 2799/1, departure of serial line
Conn. J13	Modu 2 4x1 poles	Connection RS232 (not used)
Conn. J14	Modu 2 4x2 poles	Connection of possible encoder (not used)
Conn. J15	Modu 2 4x2 poles	Connection RS485 for device DCN2000
Conn. J16	Weidmuller 4 poles	To Pcb 2751A/1, input voltage 5V DC (logic)
Conn. J17	Modu 2 4x2 poles	To conn. JA, interface for Fdu/Graphitron (conn. 9 tray pins)
Conn. J18	Modu 2 4x1 poles	To Pcb 2751A/1, input +/- 15V DC
Conn. J19	Modu 2 4x2 poles	Connection RX/TX loop dsk (not used)
Conn. J20	Modu 1 4x1 poles	To Pcb 2751A/1, input voltage 24V DC (power)
Conn. J21	Modu 2 4x1 poles	To stocking passage device
Conn. J22	Flat 22 poles	To board Pcb 2724A/1 (only models L510 – L512 not integrated)
Conn. J23	Modu 2 4x2 poles	To motor drive (reference-enable-stop)
Conn. J24	Modu 2 6x1 poles	To Pcb 2751A/1, input of signals of anomaly on voltage
Conn. J25	Modu 2 4x1 poles	To pcb 1799B/1, output enable start
Conn. J26	Modu 2 4x1 poles	To antipull sensors type Btsr (not used)
Conn. J27	Modu 2 4x2 poles	To lamps DS4, DS5 (output), programming/processing key (input)
Conn. J28	Modu 2 6x1 poles	To Pcb 1799B/1, input of various run signals
Conn. J29	Modu 2 4x1 poles	To motor drive, output voltage +/- 15V DC
Fast. FT1	Faston Fte 342 M.	To ground screw
Connectors found only on Pcb 2004A/1		
Conn. J30	Flat sek18 6 poles	External connection
Conn. J31	Type 803-91-042	Conn. 2 per connection to external Microprocessor/Emulator
Conn. J32	Type 803-91-042	Conn. 4 per connection to external Microprocessor/Emulator
Conn. J33	Type 803-91-042	Conn. 3 per connection to external Microprocessor/Emulator
Conn. J34	Type 803-91-042	Conn. 1 per connection to external Microprocessor/Emulator
Conn. J35	Type 803-91-016	Connector for insertion of “key” Pcb 2768/1 (L504M7 – L504MR)
Conn. J36	Type 803-91-036	Connection for board “Ethernet” (only “Integrated” or “Unify”)
Conn. J37	Type 803-91-036	Connection for board “Ethernet” (only “Integrated” or “Unify”)
Conn. J38	Type 801-91-018	Connection for board “Ethernet” (only “Integrated” or “Unify”)
Conn. J39	Type 801-91-018	Connection for board “Ethernet” (only “Integrated” or “Unify”)
Conn. J40	Modu 2 4x1 poles	Connection for a possible external zero

Description of “Jumpers” on board Pcb 2000A/1 – Pcb 2004A/1

Jumper	Condition	Meaning
W1	Open	Mounted battery BT2 for memory progr. (Closed, only batt. BT1)
W2	Closed	Closed, if open with battery BT2 disconnected (conn. J11), memory not buffered
W3	Open	Always open, if closed signal IRQ4 enabled
W4	Open	No jumper inserted
W5	Pos. 2-3	Operates in one direction only (Pos. 2-3 possibility of 2-way operation)
Jumpers only on Pcb 2004A/1		
W6	Closed	Possibility of disconnected pull-up input signal of temperature sensor

Description of “Leds” on Pcb 2000A/1- Pcb 2004A/1

N°	Color	Meaning	Condition
DS1	green	Phase A resolver count	Flashing if machine running
DS2	yellow	Phase B resolver count	Flashing if machine running
DS3	red	Phase Zero resolver count	Flashing if machine running
DS4	red	Signal TXDB serial line yarn glide sensors	Flashing if run+thread glide enabled.
DS5	red	Signal RXDB serial line yarn glide sensors	Flashing if run+ thread glide enabled
DS6	green	Signal SPISDI serial line	On (flashing)
DS7	yellow	Signal SPIRES-RES-RESDSP serial line	Off
DS8	green	Signal PF6 of Dsp	Flashing
DS9	yellow	Signal CEINSPI serial line	On (flashing)
DS10	yellow	Signal CEOUTSPI serial line	On (flashing)
DS11	red	Signal SDOSPI serial line	On (flashing)
DS12	green	5V DC logic power on (3V3 V DC)	On
DS13	yellow	Signal SCKSPI serial line	On (flashing)
DS14	red	FAIL signal	Off
DS15	red	Phase Zero encoder for control of possible device	Off (on if zero encoder reached)
DS16	yellow	Phase B encoder for control of possible device	Flashing with encoder on run
DS17	green	Phase A encoder for control of possible device	Flashing with encoder on run
DS18	red	Signal TX232_D1	Off
DS19	green	Signal RX232_D1	Off
DS20	red	Signal TX422_D1	Off
DS21	green	“Watch-dog” signal	On
DS22	green	24V DC power on including 5VPOW power	On
DS23	green	Signal RX422_D1	Off
DS24	green	Signal RXDA_D2 (conn. J17 - Fdu)	Off (flashing if Fdu working)
DS25	red	Signal TXDA_D2 (conn. J17 - Fdu)	Off (flashing if Fdu working)
DS26	red	Signal TXDB_D2 (conn. J19 - Dsk)	Off
DS27	green	In. signal “Stop motor drive”	On
DS28	green	In. signal “Stop no voltage to s-s motors”	On
DS29	green	In. signal “No mains phase”	On
DS30	red	In. signal “Black-out alarm”	Off
DS31	red	In. signal “Blackout batteries discharged”	Off
DS32	green	In. signal “no voltage 24V DC serial lines”	On
DS33	green	In. signal “No voltage +15V DC”	On
DS34	green	In. signal “No voltage -15V DC”	On
DS35	green	Out. signal “Enable start”	On if machine on
DS36	green	24V DC power on	On
DS37	red	In. signal “Program/Process key	Off if key on processing
DS38	green	In. signal “Crank 1 pressed”	On if op. 1 key pressed
DS39	green	In. signal “Crank 2 pressed”	On if op. 2 key pressed
DS40	green	In. signal “Start relay energized”	On if machine on
DS41	red	In. signal “Cylinder casings open”	Off
DS42	green	In. signal “Start button pressed”	On if start button pressed
DS43	red	In. signal “Sock passage”	Off (on during sock passage)
DS44	green	Signal RXDB_D2 (conn. J19 - Dsk)	Off
Connector found only on Pcb 2004A/1			
DS45	green	Signal ENMRC (enable start)	On if Mc. is on
DS46	green	In. signal proximity phase (not used)	Off (on if prox. covered)
DS47	red	In. possible zero external (not used)	Off

Description of “Trimmers” Pcb 2000A/1- Pcb 2004A/1

Tr. 2004	Trimmer value and meaning		Tr. 2000
Tr. R12	Smd 2K	Calibration for comparative voltage of temperature sensor	Absent
Tr. R22	Smd 2K	Calibration for adjustment of display luminosity	Tr. R11
Tr. R42	Smd 20K	Calibration for input of temperature sensor signal	Tr. R12
Tr. R84	Smd 5K	Calibration of voltage threshold for board reset	Tr. R65
Tr. R203	Smd 20K	Calibration for “elastic motor reference” signal	Absent
Tr. R294	Smd 5K	Calibration for “motor speed reference” signal (voltage)	Absent
Tr. R334	Smd 1K	Calibration for “motor speed reference” signal (voltage)	Tr. R287
Tr. R343	Smd 20K	Calibration for “Sock passage” signal	Tr. R295
Tr. R359	Smd 50K	Calibration of threshold for “Sock passage” input signal	Tr. R310

Description of “Dip-switches” S2 on Pcb 2000A/1 and S2/S3 on Pcb

2004A/1

NOTE Note for reading position of Dip-switches : **1 = Dip On // 0 = Dip Off**
NOTE Dip-switch **S2** on Pcb 2000A/1 becomes **S3** on Pcb 2004A/1.

Selection of quantity of Ram installed on Pcb 2000A/1 (S2) – 2004A/1 (S3) : (Dips 1,2,3,4,5)		
Dips 1-2-3-4-5	**Quantity of Ram installed on Pcb 2000-2004**	**Notes**
12345 = 00000	2 Megabyte default	
12345 = 10000	2 Megabyte + 1 Megabyte = 3 Mb.	
12345 = **01000**	2 Megabyte + 2 Megabyte = **4 Mb**. (**Board default**)	Standard Mc. is 4 Mb, so sw.2 = on
12345 = 00100	2 Megabyte + 4 Megabyte = 6 Mb.	
12345 = 10100	2 Megabyte + 5 Megabyte = 7 Mb.	
12345 = 01100	2 Megabyte + 6 Megabyte = 8 Mb.	
12345 = 11100	2 Megabyte + 7 Megabyte = 9 Mb.	

Utility relative to type of board (for LCA) installed on machine (Dip 6 of S3 for 2004, S2 for 2000)		
Dip 6	**Configuration of Hardware**	**Notes**
6 = 0	Situation with board type Pcb 2000A/1	Dip 6 of S2 (2000)
6 = **1**	Situation with board type Pcb 2004/1 (**Board default**)	Dip 6 of S3 (2004)

Important ! When Pcb 2000A/1 is installed, dip **6** of **S2** (2000) must be **Off**.
When Pcb 2004A/1 is installed dip **6** of **S3** (2004) must be **On**.
For Women’s machine, installation of Pcb 2004 began in May 2001, so there are two configurations.

Utility relative to insertion/removal of machine software (Dips 7,8 of S3 for 2004, S2 for 2000)		
Dips 7-8	**Operation on machine software**	**Notes**
78 = **00**	**default** situation, machine running	
78 = 10	Copy of software (file .bin) from disk (Fdu) in “Flash”	
78 = 01	Copy of software from Pcb 2779/1 board in “Flash”	
78 = 11	Copy of software from disk (file .bin) to board Pcb 2779/1	

Utilities insertion/removal of machine software (Dip 8 of S2, only 2004)		
Dip 8	**Operation on machine software**	**Notes**
8 = **0**	**default** situation, machine running	Dip-switch S2 of 2004
8 = 1	Copy of machine software (Flash) in Ram (2004)	Operation possible only on Pcb 2004

The operations regarding machine software should be carried out starting from the machine
at zero and off.
After switching on the machine with one or more switches in position ON, the following operation should be performed. In particular :

relative to Dip-switches S3 for Pcb 2004A/1 or S2 for Pcb 2000A/1

Switch 7 = ON The software in the form of file “mach.bin” is loaded from a disk inserted in the Fdu.
When switched on the software on the disk is automatically copied to the Flash on Pcb 2004A/1. After copying it the letter “F” appears on the 7 segment display.

Switch 8 = ON This operation requires insertion of the Pcb 2779/1 board in conn. J7 on Pcb 2004A/1, on which the software was inserted previously.
Upon switching on, the contents of the Flash on the board are copied into the Flash on Pcb 2004A/1. During this operation the letter “C” appears on

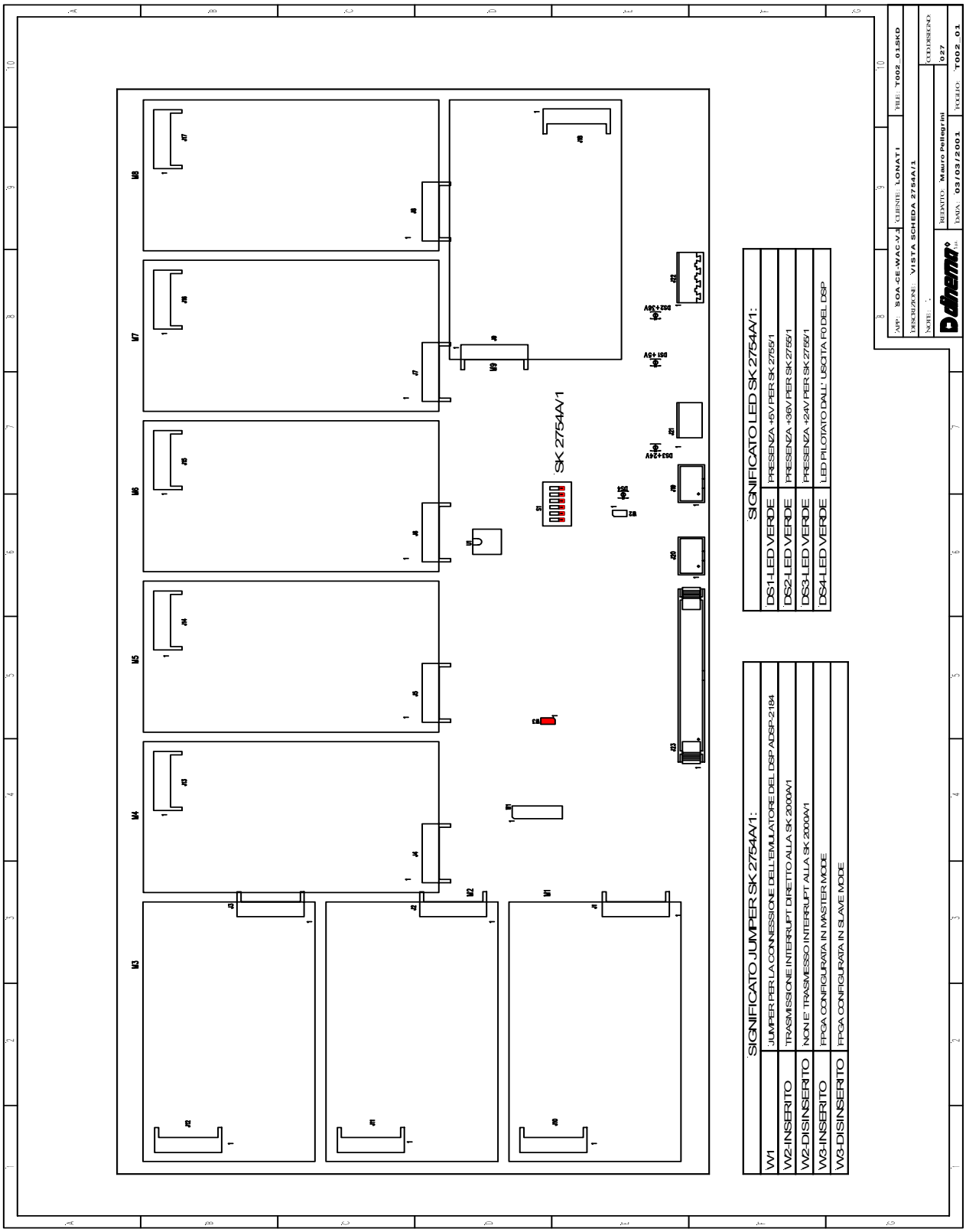
	the 7 segment display, after copying it the letter “F” appears
Switch7,8=ON	This operation provides for insertion of the Pcb 2779/1 board in conn. J7 on Pcb 2004A/1, where the software will be inserted in the form of a file “mach.bin” on a disk in the Fdu. When switched on, the software on the diskette is automatically copied into the Flash of the board. After copying the software, the letter “F” appears on the 7 segment display.

relative to Dip-switches S2 only for Pcb 2004A/1

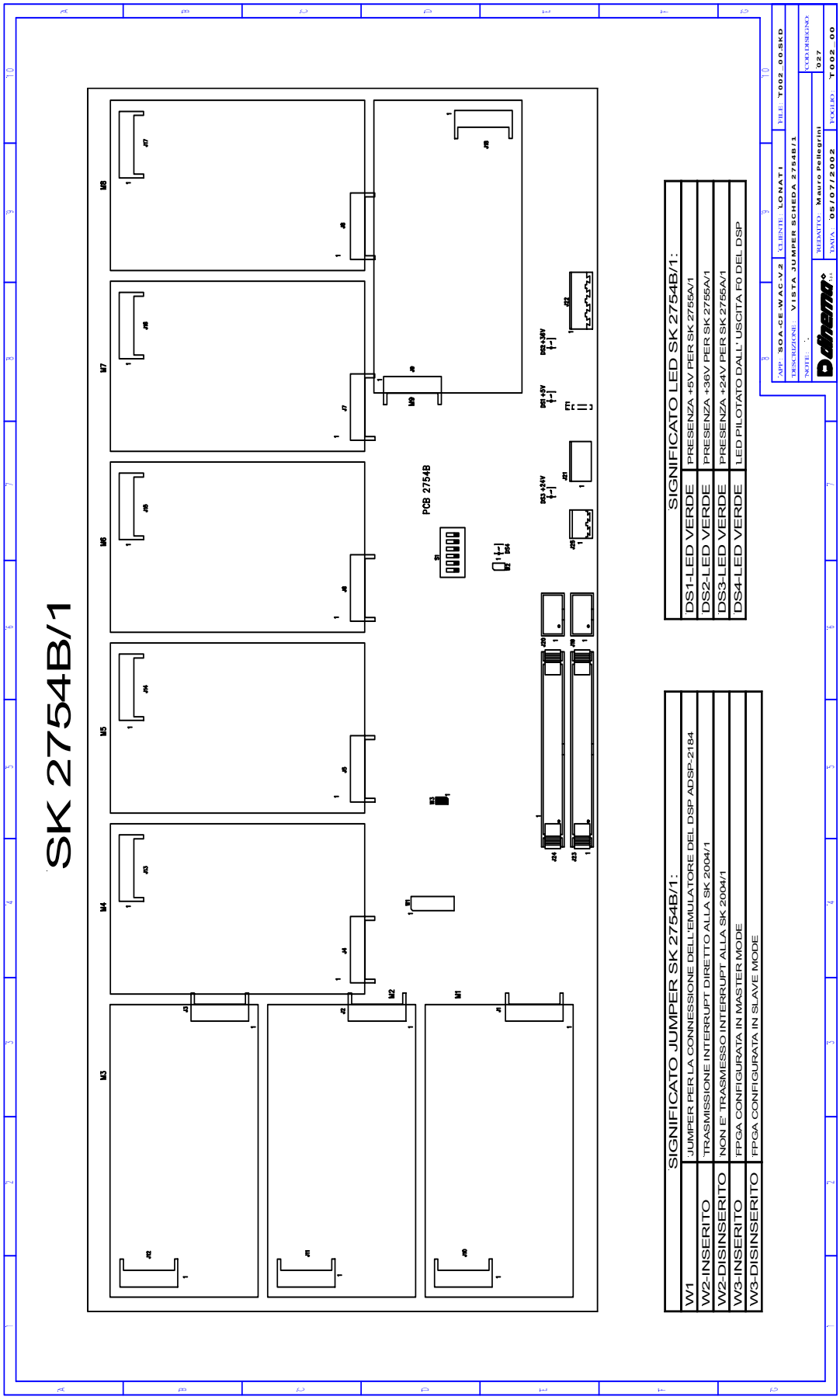
Switch 8 = ON	The software in the Flash of Pcb 2004A/1 is copied into the Ram of Pcb 2004. When the letter “F” appears on the 7-segment display the operation is complete.

At the end of any of these operation the machine has to be switched off, then the two Dips 7 and 8 of S3 and Dip 8 of S2 must be switched Off. When the machine is switched on again it will resume normal operation.

View of circuit 2754 A/1



VIEW AND CONNECTIONS OF CIRCUIT 2754B/1 (MATRIX & WAC)



Connections of circuit 2754B/1 — MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 4		TERRA
J1	1					SK 2755 "1" CONN. J2 PIN 1		+5V
J1	2					SK 2755 "1" CONN. J2 PIN 2		ENABLE MOTORE 0
J1	3					SK 2755 "1" CONN. J2 PIN 3		STEP MOTORE 0
J1	4					SK 2755 "1" CONN. J2 PIN 4		DIREZIONE MOTORE 0
J1	5					SK 2755 "1" CONN. J2 PIN 5		ZERO MOTORE 0
J1	6					SK 2755 "1" CONN. J2 PIN 6		GND
J10	1					SK 2755 "1" CONN. J3 PIN 1		+36V
J10	2					SK 2755 "1" CONN. J3 PIN 2		+36V
J10	3					SK 2755 "1" CONN. J3 PIN 3		GND
J10	4					SK 2755 "1" CONN. J3 PIN 4		+5V
J10	5					SK 2755 "1" CONN. J3 PIN 5		GND
J10	6					SK 2755 "1" CONN. J3 PIN 6		+24V
J2	1					SK 2755 "2" CONN. J2 PIN 1		+5V
J2	2					SK 2755 "2" CONN. J2 PIN 2		ENABLE MOTORE 1
J2	3					SK 2755 "2" CONN. J2 PIN 3		STEP MOTORE 1
J2	4					SK 2755 "2" CONN. J2 PIN 4		DIREZIONE MOTORE 1
J2	5					SK 2755 "2" CONN. J2 PIN 5		ZERO MOTORE 1
J2	6					SK 2755 "2" CONN. J2 PIN 6		GND
J11	1					SK 2755 "2" CONN. J3 PIN 1		+36V
J11	2					SK 2755 "2" CONN. J3 PIN 2		+36V
J11	3					SK 2755 "2" CONN. J3 PIN 3		GND
J11	4					SK 2755 "2" CONN. J3 PIN 4		+5V
J11	5					SK 2755 "2" CONN. J3 PIN 5		GND
J11	6					SK 2755 "2" CONN. J3 PIN 6		+24V
J3	1					SK 2755 "3" CONN. J2 PIN 1		+5V
J3	2					SK 2755 "3" CONN. J2 PIN 2		ENABLE MOTORE 2
J3	3					SK 2755 "3" CONN. J2 PIN 3		STEP MOTORE 2
J3	4					SK 2755 "3" CONN. J2 PIN 4		DIREZIONE MOTORE 2
J3	5					SK 2755 "3" CONN. J2 PIN 5		ZERO MOTORE 2
J3	6					SK 2755 "3" CONN. J2 PIN 6		GND
J12	1					SK 2755 "3" CONN. J3 PIN 1		+36V
J12	2					SK 2755 "3" CONN. J3 PIN 2		+36V
J12	3					SK 2755 "3" CONN. J3 PIN 3		GND
J12	4					SK 2755 "3" CONN. J3 PIN 4		+5V
J12	5					SK 2755 "3" CONN. J3 PIN 5		GND
J12	6					SK 2755 "3" CONN. J3 PIN 6		+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1					SK 2755 "4" CONN. J2 PIN 1		+5V
J4	2					SK 2755 "4" CONN. J2 PIN 2		ENABLE MOTORE 3
J4	3					SK 2755 "4" CONN. J2 PIN 3		STEP MOTORE 3
J4	4					SK 2755 "4" CONN. J2 PIN 4		DIREZIONE MOTORE 3
J4	5					SK 2755 "4" CONN. J2 PIN 5		ZERO MOTORE 3
J4	6					SK 2755 "4" CONN. J2 PIN 6		GND
J13	1					SK 2755 "4" CONN. J3 PIN 1		+36V
J13	2					SK 2755 "4" CONN. J3 PIN 2		+36V
J13	3					SK 2755 "4" CONN. J3 PIN 3		GND
J13	4					SK 2755 "4" CONN. J3 PIN 4		+5V
J13	5					SK 2755 "4" CONN. J3 PIN 5		GND
J13	6					SK 2755 "4" CONN. J3 PIN 6		+24V
J5	1							+5V
J5	2							ENABLE MOTORE 4
J5	3							STEP MOTORE 4
J5	4							DIREZIONE MOTORE 4
J5	5							ZERO MOTORE 4
J5	6							GND
J14	1							+36V
J14	2							+36V
J14	3							GND
J14	4							+5V
J14	5							GND
J14	6							+24V
J6	1							+5V
J6	2							ENABLE MOTORE 5
J6	3							STEP MOTORE 5
J6	4							DIREZIONE MOTORE 5
J6	5							ZERO MOTORE 5
J6	6							GND
J15	1							+36V
J15	2							+36V
J15	3							GND
J15	4							+5V
J15	5							GND
J15	6							+24V

J1 = MOLEX 3215C 6 POLI J2 = MOLEX 3215C 6 POLI J3 = MOLEX 3215C 6 POLI J4 = MOLEX 3215C 6 POLI J5 = MOLEX 3215C 6 POLI J6 = MOLEX 3215C 6 POLI
J10 = MOLEX 3215C 6 POLI J11 = MOLEX 3215C 6 POLI J12 = MOLEX 3215C 6 POLI J13 = MOLEX 3215C 6 POLI J14 = MOLEX 3215C 6 POLI J15 = MOLEX 3215C 6 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2754B/1	Cliente: LONATI	Note:	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M005_00.DOC	Nome foglio: M005_00	Data: 05/07/2002

CIRCUIT 2754B/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1							+5V
J7	2							ENABLE MOTORE 6
J7	3							STEP MOTORE 6
J7	4							DIREZIONE MOTORE 6
J7	5							ZERO MOTORE 6
J7	6							GND
J16	1							+36V
J16	2							+36V
J16	3							GND
J16	4							+5V
J16	5							GND
J16	6							+24V
J8	1							+5V
J8	2							ENABLE MOTORE 7
J8	3							STEP MOTORE 7
J8	4							DIREZIONE MOTORE 7
J8	5							ZERO MOTORE 7
J8	6							GND
J17	1							+36V
J17	2							+36V
J17	3							GND
J17	4							+5V
J17	5							GND
J17	6							+24V
J9	1					SK 2755 “9” CONN. J2 PIN 1		+5V
J9	2					SK 2755 “9” CONN. J2 PIN 2		ENABLE MOTORE 8
J9	3					SK 2755 “9” CONN. J2 PIN 3		STEP MOTORE 8
J9	4					SK 2755 “9” CONN. J2 PIN 4		DIREZIONE MOTORE 8
J9	5					SK 2755 “9” CONN. J2 PIN 5		ZERO MOTORE 8
J9	6					SK 2755 “9” CONN. J2 PIN 6		GND
J18	1					SK 2755 “9” CONN. J3 PIN 1		+36V
J18	2					SK 2755 “9” CONN. J3 PIN 2		+36V
J18	3					SK 2755 “9” CONN. J3 PIN 3		GND
J18	4					SK 2755 “9” CONN. J3 PIN 4		+5V
J18	5					SK 2755 “9” CONN. J3 PIN 5		GND
J18	6					SK 2755 “9” CONN. J3 PIN 6		+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J21	1			BL	0.75	MORSETTO 2		+24V
J21	2			BL	0.75	MORSETTO 2		+24V
J21	3			BL	0.75	MORSETTO 6		0V
J21	4			BL	0.75	MORSETTO 6		0V
J22	1			BL	1.5	SK 2751 CONN. J8 PIN 5		+36V
J22	2			BL	1.5	SK 2751 CONN. J8 PIN 6		+36V
J22	3			BL	1.5	SK 2751 CONN. J8 PIN 1		0V
J22	4			BL	1.5	SK 2751 CONN. J8 PIN 2		0V

J7 = MOLEX 3215C 6 POLI J8 = MOLEX 3215C 6 POLI J9 = MOLEX 3215C 6 POLI J21 = MODU1 4 POLI
J16 = MOLEX 3215C 6 POLI J17 = MOLEX 3215C 6 POLI J18 = MOLEX 3215C 6 POLI J22 = SLA 4 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2754B/1	Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M006_00.DOC	Nome foglio: M006_00	Data: 05/07/2002

CIRCUIT 2754B/1 MODULE 3

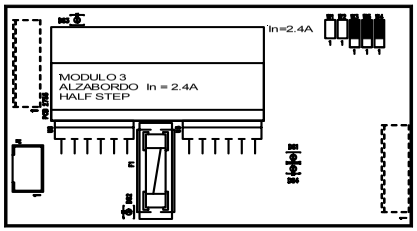
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J23	1	CVP 137				SK 2004 CONN. J3 PIN 1		FASE B
J23	2	CVP 137				SK 2004 CONN. J3 PIN 2		FASE A
J23	3	CVP 137				SK 2004 CONN. J3 PIN 3		FASE Z
J23	4	CVP 137				SK 2004 CONN. J3 PIN 4		OV
J23	5	CVP 137				SK 2004 CONN. J3 PIN 5		DM9
J23	6	CVP 137				SK 2004 CONN. J3 PIN 6		DM8
J23	7	CVP 137				SK 2004 CONN. J3 PIN 7		DM11
J23	8	CVP 137				SK 2004 CONN. J3 PIN 8		DM10
J23	9	CVP 137				SK 2004 CONN. J3 PIN 9		DM13
J23	10	CVP 137				SK 2004 CONN. J3 PIN 10		DM12
J23	11	CVP 137				SK 2004 CONN. J3 PIN 11		DM15
J23	12	CVP 137				SK 2004 CONN. J3 PIN 12		DM14
J23	13	CVP 137				SK 2004 CONN. J3 PIN 13		DM1
J23	14	CVP 137				SK 2004 CONN. J3 PIN 14		DM0
J23	15	CVP 137				SK 2004 CONN. J3 PIN 15		DM3
J23	16	CVP 137				SK 2004 CONN. J3 PIN 16		DM2
J23	17	CVP 137				SK 2004 CONN. J3 PIN 17		DM5
J23	18	CVP 137				SK 2004 CONN. J3 PIN 18		DM4
J23	191	CVP 137				SK 2004 CONN. J3 PIN 19		DM7
J23	20	CVP 137				SK 2004 CONN. J3 PIN 20		DM6
J23	21	CVP 137				SK 2004 CONN. J3 PIN 21		0V
J23	22	CVP 137				SK 2004 CONN. J3 PIN 22		*CS MPP
J23	23	CVP 137				SK 2004 CONN. J3 PIN 23		+5V
J23	24	CVP 137				SK 2004 CONN. J3 PIN 24		+5V
J23	25	CVP 137				SK 2004 CONN. J3 PIN 25		AM1
J23	26	CVP 137				SK 2004 CONN. J3 PIN 26		AM0
J23	27	CVP 137				SK 2004 CONN. J3 PIN 27		AM3
J23	28	CVP 137				SK 2004 CONN. J3 PIN 28		AM2
J23	29	CVP 137				SK 2004 CONN. J3 PIN 29		AM5
J23	30	CVP 137				SK 2004 CONN. J3 PIN 30		AM4
J23	31	CVP 137				SK 2004 CONN. J3 PIN 31		AM7
J23	32	CVP 137				SK 2004 CONN. J3 PIN 32		AM6
J23	33	CVP 137				SK 2004 CONN. J3 PIN 33		0V
J23	34	CVP 137				SK 2004 CONN. J3 PIN 34		0V
J23	35	CVP 137				SK 2004 CONN. J3 PIN 35		*WDM
J23	36	CVP 137				SK 2004 CONN. J3 PIN 36		*RDM
J23	37	CVP 137				SK 2004 CONN. J3 PIN 37		V.BATTERY
J23	38	CVP 137				SK 2004 CONN. J3 PIN 38		*RESET
J23	39	CVP 137				SK 2004 CONN. J3 PIN 39		R/*WM
J23	40	CVP 137				SK 2004 CONN. J3 PIN 40		*IRQ-MPP

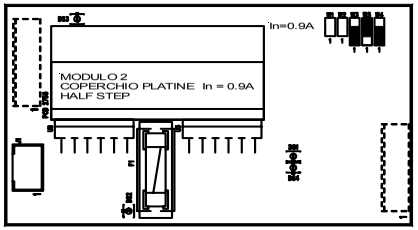
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J24	1							FASE B
J24	2							FASE A
J24	3							FASE Z
J24	4							OV
J24	5							DM9
J24	6							DM8
J24	7							DM11
J24	8							DM10
J24	9							DM13
J24	10							DM12
J24	11							DM15
J24	12							DM14
J24	13							DM1
J24	14							DM0
J24	15							DM3
J24	16							DM2
J24	17							DM5
J24	18							DM4
J24	19							DM7
J24	20							DM6
J24	21							0V
J24	22							*CS MPP
J24	23							+5V
J24	24							+5V
J24	25							AM1
J24	26							AM0
J24	27							AM3
J24	28							AM2
J24	29							AM5
J24	30							AM4
J24	31							AM7
J24	32							AM6
J24	33							0V
J24	34							0V
J24	35							*WDM
J24	36							*RDM
J24	37							V.BATTERY
J24	38							*RESET
J24	39							R/*WM
J24	40							*IRQ-MPP
J25	1			BL	1	SK 2751 CONN. J7 PIN 4		+5V
J25	2			BL	1	SK 2751 CONN. J7 PIN 2		0V

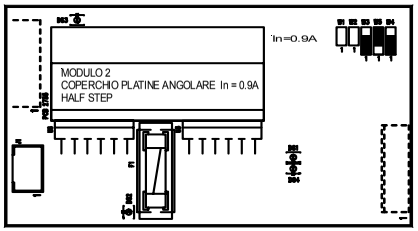
J23 = SEK18 40 POLI J25 = SLA 2 POLI
J24 = SEK18 40 POLI

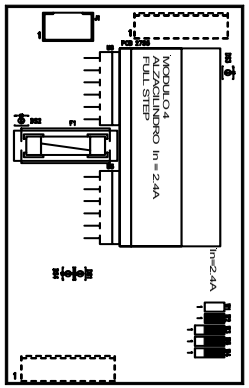
App: SOA-CE-WAC-V.2	Descrizione: CABLAGGIO SCHEDA 2754B/1	Cliente: LONATI	Note:	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M007_00.DOC	Nome foglio: M007_00	Data: 05/07/2002

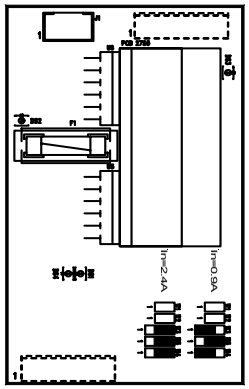
Arrangement of SK 2755/1(2755A/1) on SK 2754A/1

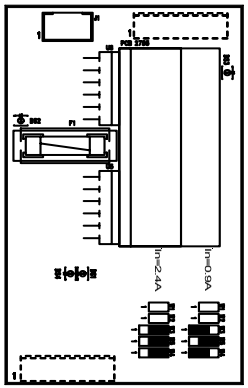


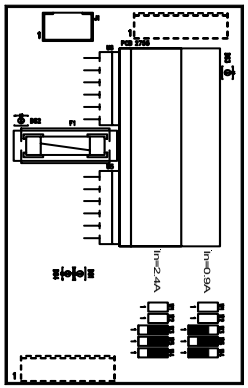


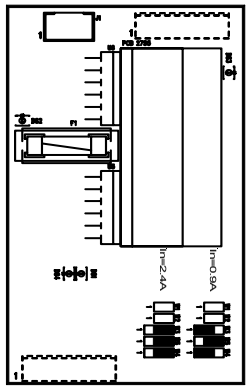


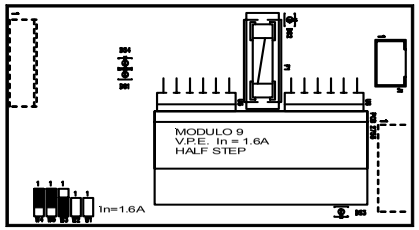












SIGNIFICATO LED SK 2755/1:	
DS1-LED GIALLO	SEGNALE DI STEP DEL MOTORE
DS2-LED ROSSO	ROTTURA FUSIBILE F1 +36V
DS3-LED VERDE	PRESENZA +36V
DS4-LED VERDE	ACQUISIZIONE ZERO DA PROXIMITY

SOA-CE-WAC-V.1 LONATI T011_04.SKD

DISPOSIZIONE SK 2755/1 SU SK 2754A/1

Mauro Pellegrini 027

03/03/2001 T011_04

Connections of circuit 2755A/1 “1-2-3-4” MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			RO	0.35	**MODULE 1 SK 2755 “1"**	CONNETTORE “CPA” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PCPA” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “CPA” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PCPA” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “CPA” PIN 3	FASE B MOTORE
J1	6			BL	0.20	**MODULE 1 SK 2755 “1"**	CONNETTORE “PCPA” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “CPA” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J1 PIN 1		+5V
J2	2					SK 2754 CONN. J1 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J1 PIN 3		STEP EX
J2	4					SK 2754 CONN. J1 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J1 PIN 5		ZERO
J2	6					SK 2754 CONN. J1 PIN 6		GND
J3	1					SK 2754 CONN. J10 PIN 1		+36V
J3	2					SK 2754 CONN. J10 PIN 2		+36V
J3	3					SK 2754 CONN. J10 PIN 3		GND
J3	4					SK 2754 CONN. J10 PIN 4		+5V
J3	5					SK 2754 CONN. J10 PIN 5		GND
J3	6					SK 2754 CONN. J10 PIN 6		+24V
J1	1			RO	0.35	**MODULE 2 SK 2755 “2"**	CONNETTORE “CP” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PCP” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “CP” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PCP” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “CP” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PCP” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “CP” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J2 PIN 1		+5V
J2	2					SK 2754 CONN. J2 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J2 PIN 3		STEP EX
J2	4					SK 2754 CONN. J2 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J2 PIN 5		ZERO
J2	6					SK 2754 CONN. J2 PIN 6		GND
J3	1					SK 2754 CONN. J11 PIN 1		+36V
J3	2					SK 2754 CONN. J11 PIN 2		+36V
J3	3					SK 2754 CONN. J11 PIN 3		GND
J3	4					SK 2754 CONN. J11 PIN 4		+5V
J3	5					SK 2754 CONN. J11 PIN 5		GND
J3	6					SK 2754 CONN. J11 PIN 6		+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			RO	0.35	**MODULE 3 SK 2755 “3"**	CONNETTORE “AB” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PAB” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “AB” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PAB” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “AB” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PAB” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “AB” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J3 PIN 1		+5V
J2	2					SK 2754 CONN. J3 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J3 PIN 3		STEP EX
J2	4					SK 2754 CONN. J3 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J3 PIN 5		ZERO
J2	6					SK 2754 CONN. J3 PIN 6		GND
J3	1					SK 2754 CONN. J12 PIN 1		+36V
J3	2					SK 2754 CONN. J12 PIN 2		+36V
J3	3					SK 2754 CONN. J12 PIN 3		GND
J3	4					SK 2754 CONN. J12 PIN 4		+5V
J3	5					SK 2754 CONN. J12 PIN 5		GND
J3	6					SK 2754 CONN. J12 PIN 6		+24V
J1	1			RO	0.35	**MODULE 4 SK 2755 “4”**	CONNETTORE “AC” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PAC” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “AC” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PAC” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “AC” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PAC” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “AC” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J4 PIN 1		+5V
J2	2					SK 2754 CONN. J4 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J4 PIN 3		STEP EX
J2	4					SK 2754 CONN. J4 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J4 PIN 5		ZERO
J2	6					SK 2754 CONN. J4 PIN 6		GND
J3	1					SK 2754 CONN. J13 PIN 1		+36V
J3	2					SK 2754 CONN. J13 PIN 2		+36V
J3	3					SK 2754 CONN. J13 PIN 3		GND
J3	4					SK 2754 CONN. J13 PIN 4		+5V
J3	5					SK 2754 CONN. J13 PIN 5		GND
J3	6					SK 2754 CONN. J13 PIN 6		+24V

J1 = MODU2 4X2 POLI J2 = MOLEX 5273 6 POLI J3 = MOLEX 5273 6 POLI

App: SOA-CE-WAC-V.2	**Descrizione: CABLAGGI SCHEDE 2755A/1 “1-2-3-4”**	**Cliente: LONATI**	**Note:**
Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M008_00.DOC**	**Nome foglio: M008_00**
Data: 05/07/2002			

Connections of circuit 2755A/1 “1-2-3-4” MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1					MODULE 5 SK 2755 “5"		FASE A MOTORE
J1	2							+24V
J1	3							*FASE A MOTORE
J1	4							INPUT PROX ZERO
J1	5							FASE B MOTORE
J1	6							0V
J1	7							*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J5 PIN 1		+5V
J2	2					SK 2754 CONN. J5 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J5 PIN 3		STEP EX
J2	4					SK 2754 CONN. J5 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J5 PIN 5		ZERO
J2	6					SK 2754 CONN. J5 PIN 6		GND
J3	1					SK 2754 CONN. J14 PIN 1		+36V
J3	2					SK 2754 CONN. J14 PIN 2		+36V
J3	3					SK 2754 CONN. J14 PIN 3		GND
J3	4					SK 2754 CONN. J14 PIN 4		+5V
J3	5					SK 2754 CONN. J14 PIN 5		GND
J3	6					SK 2754 CONN. J14 PIN 6		+24V
J1	1					MODULO 6 SK 2755 “6"		FASE A MOTORE
J1	2							+24V
J1	3							*FASE A MOTORE
J1	4							INPUT PROX ZERO
J1	5							FASE B MOTORE
J1	6							0V
J1	7							*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J6 PIN 1		+5V
J2	2					SK 2754 CONN. J6 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J6 PIN 3		STEP EX
J2	4					SK 2754 CONN. J6 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J6 PIN 5		ZERO
J2	6					SK 2754 CONN. J6 PIN 6		GND
J3	1					SK 2754 CONN. J15 PIN 1		+36V
J3	2					SK 2754 CONN. J15 PIN 2		+36V
J3	3					SK 2754 CONN. J15 PIN 3		GND
J3	4					SK 2754 CONN. J15 PIN 4		+5V
J3	5					SK 2754 CONN. J15 PIN 5		GND
J3	6					SK 2754 CONN. J15 PIN 6		+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1					MODULO 7 SK 2755 “7"		FASE A MOTORE
J1	2							+24V
J1	3							*FASE A MOTORE
J1	4							INPUT PROX ZERO
J1	5							FASE B MOTORE
J1	6							0V
J1	7							*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J7 PIN 1		+5V
J2	2					SK 2754 CONN. J7 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J7 PIN 3		STEP EX
J2	4					SK 2754 CONN. J7 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J7 PIN 5		ZERO
J2	6					SK 2754 CONN. J7 PIN 6		GND
J3	1					SK 2754 CONN. J16 PIN 1		+36V
J3	2					SK 2754 CONN. J16 PIN 2		+36V
J3	3					SK 2754 CONN. J16 PIN 3		GND
J3	4					SK 2754 CONN. J16 PIN 4		+5V
J3	5					SK 2754 CONN. J16 PIN 5		GND
J3	6					SK 2754 CONN. J16 PIN 6		+24V
J1	1					MODULO 8 SK 2755 “8”		FASE A MOTORE
J1	2							+24V
J1	3							*FASE A MOTORE
J1	4							INPUT PROX ZERO
J1	5							FASE B MOTORE
J1	6							0V
J1	7							*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J8 PIN 1		+5V
J2	2					SK 2754 CONN. J8 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J8 PIN 3		STEP EX
J2	4					SK 2754 CONN. J8 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J8 PIN 5		ZERO
J2	6					SK 2754 CONN. J8 PIN 6		GND
J3	1					SK 2754 CONN. J17 PIN 1		+36V
J3	2					SK 2754 CONN. J17 PIN 2		+36V
J3	3					SK 2754 CONN. J17 PIN 3		GND
J3	4					SK 2754 CONN. J17 PIN 4		+5V
J3	5					SK 2754 CONN. J17 PIN 5		GND
J3	6					SK 2754 CONN. J17 PIN 6		+24V

J1 = MODU2 4X2 POLI J2 = MOLEX 5273 6 POLI J3 = MOLEX 5273 6 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDE 2755A/1 “5-6-7-8”	Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M009_00.DOC	Nome foglio: M009_00	Data: 05/07/2002

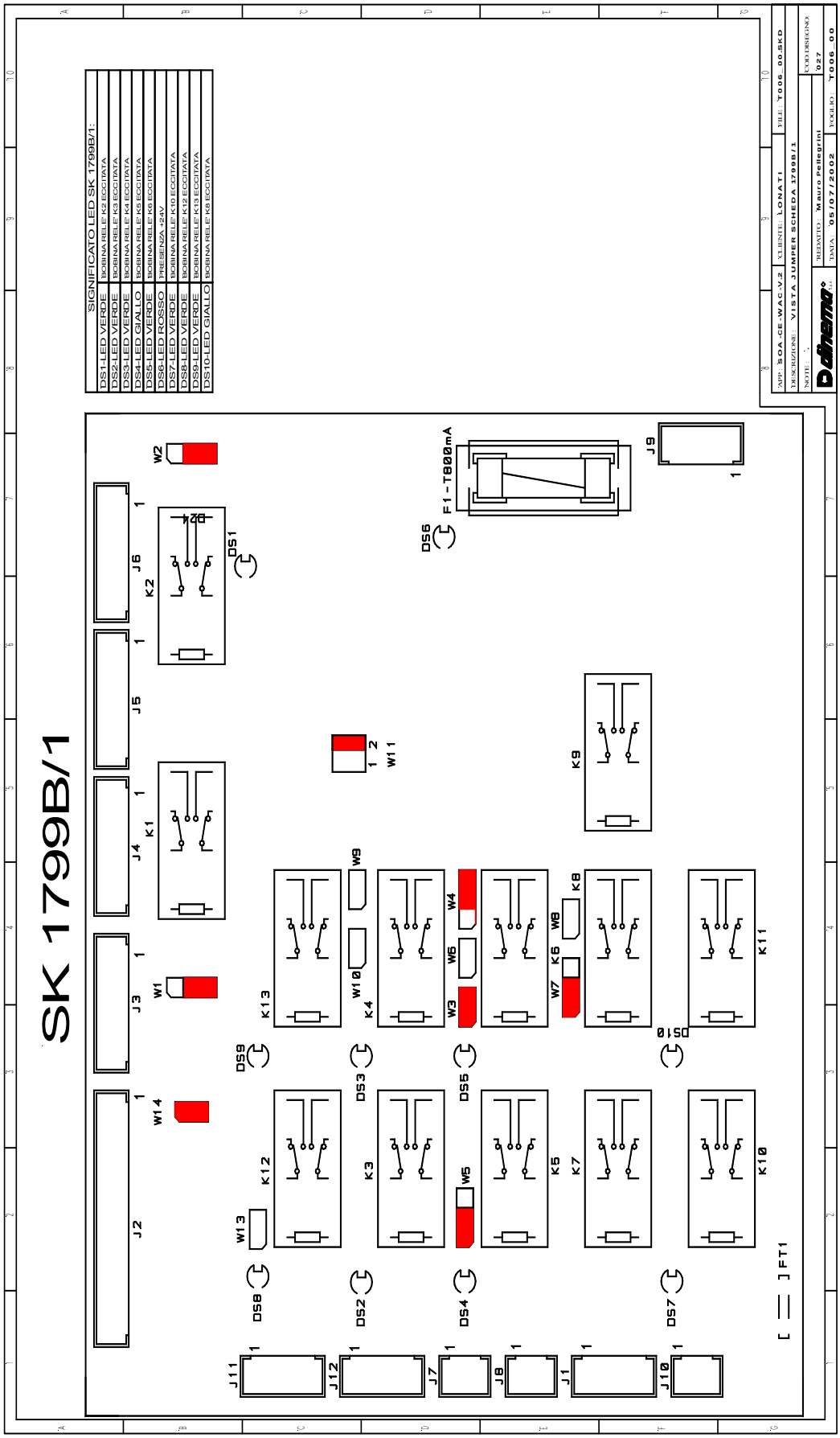
Connections of circuit 2755A/1 “9” MODULE 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1					MODULO 9 SK 2755 “9"	CONNETTORE “VP” PIN 3	FASE A MOTORE
J1	2						CONNETTORE “PVP” PIN 3	+24V
J1	3						CONNETTORE “VP” PIN 4	*FASE A MOTORE
J1	4						CONNETTORE “PVP” PIN 4	INPUT PROX ZERO
J1	5						CONNETTORE “VP” PIN 1	FASE B MOTORE
J1	6						CONNETTORE “PVP” PIN 2	0V
J1	7						CONNETTORE “VP” PIN 2	*FASE B MOTORE
J1	8							0V
J2	1					SK 2754 CONN. J9 PIN 1		+5V
J2	2					SK 2754 CONN. J9 PIN 2		ENABLE EX
J2	3					SK 2754 CONN. J9 PIN 3		STEP EX
J2	4					SK 2754 CONN. J9 PIN 4		DIREZIONE EX
J2	5					SK 2754 CONN. J9 PIN 5		ZERO
J2	6					SK 2754 CONN. J9 PIN 6		GND
J3	1					SK 2754 CONN. J18 PIN 1		+36V
J3	2					SK 2754 CONN. J18 PIN 2		+36V
J3	3					SK 2754 CONN. J18 PIN 3		GND
J3	4					SK 2754 CONN. J18 PIN 4		+5V
J3	5					SK 2754 CONN. J18 PIN 5		GND
J3	6					SK 2754 CONN. J18 PIN 6		+24V

J1 = MODU2 4X2 POLI J2 = MOLEX 5273 6 POLI J3 = MOLEX 5273 6 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDE 2755A/1 “9”	Cliente: LONATI	Note:	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M010_00.DOC	Nome foglio: M010_00	Data: 05/07/2002

View and Connections of circuit 1799B/1 (MATRIX & WAC)



Connection of circuit 1799B/1 SINGLE MODULE

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							ENABLE AZION. MANETTINO P1
J1	2							ENABLE AZION. MANETTINO P2
J1	3							INPUT ENABLE MANETTINO
J1	4							0V
J2	1			BL	0.35	PULSANTE DI MARCIA POLO 1		INPUT PULSANTE MARCIA P1
J2	2			BL	0.35	PULSANTE DI MARCIA POLO 2		INPUT PULSANTE MARCIA P2
J2	3			BL	0.35	PULSANTE DI EMERGENZA POLO 3		IINPUT PULSANTE EMERG. P3
J2	4			BL	0.35	PULSANTE DI STOP POLO 2		INPUT PULSANTE STOP P2
J2	5			BL	0.35	LAMPADA GIALLA DS2 POLO 1		LAMPADA STOP "DS2" P1
J2	6			BL	0.35	LAMPADA GIALLA DS2 POLO 2		LAMPADA STOP "DS2" P2
J2	7			BL	0.35	LAMPADA VERDE DS3 POLO 1		LAMPADA MARCIA "DS3" P1
J2	8			BL	0.35	LAMPADA VERDE DS3 POLO 2		LAMPADA MARCIA "DS3" P2
J2	9			BL	0.35	SK 1896 CONN. J4 PIN 5		INPUT MAN. SCT. P1
J2	10			BL	0.35	SK 1896 CONN. J4 PIN 3		INPUT MAN. CONT. P1
J2	11			BL	0.35	SK 1896 CONN. J4 PIN 4		INPUT MAN. SCT. P2
J2	12			BL	0.35	SK 1896 CONN. J4 PIN 2		INPUT MAN. CONT. P2
J3	1							INPUT PULS. MARCIA OPZ. P1
J3	2							INPUT PULS. MARCIA OPZ. P2
J3	3							INPUT PULS. STOP OPZ. P1
J3	4							INPUT PULS. STOP OPZ. P2
J3	5			MR	0.35		CONNETTORE "LS" PIN 1	LAMPADA STOP OPZ. P1
J3	6			BL	0.35		CONNETTORE "LS" PIN 2	LAMPADA STOP OPZ. P2
J4	1			BL	0.35	SK 2004 CONN. J28 PIN 1		MANSCT
J4	2			BL	0.35	SK 2004 CONN. J28 PIN 2		MANCONT
J4	3			BL	0.35	SK 2004 CONN. J28 PIN 3		TMECC
J4	4			BL	0.35	SK 2004 CONN. J28 PIN 4		MIC. CART. OPEN
J4	5			BL	0.35	SK 2004 CONN. J28 PIN 5		PMP
J4	6							COM. MAN. 565
J5	1							MANSCT
J5	2							MANCONT
J5	3							TMECC
J5	4			BL	0.35	SK 1799 CONN. J5 PIN 5		INPUT RELE 937 P1
J5	5			BL	0.35	SK 1799 CONN. J5 PIN 4		INPUT RELE 937 P2
J5	6							COM. MAN. 565

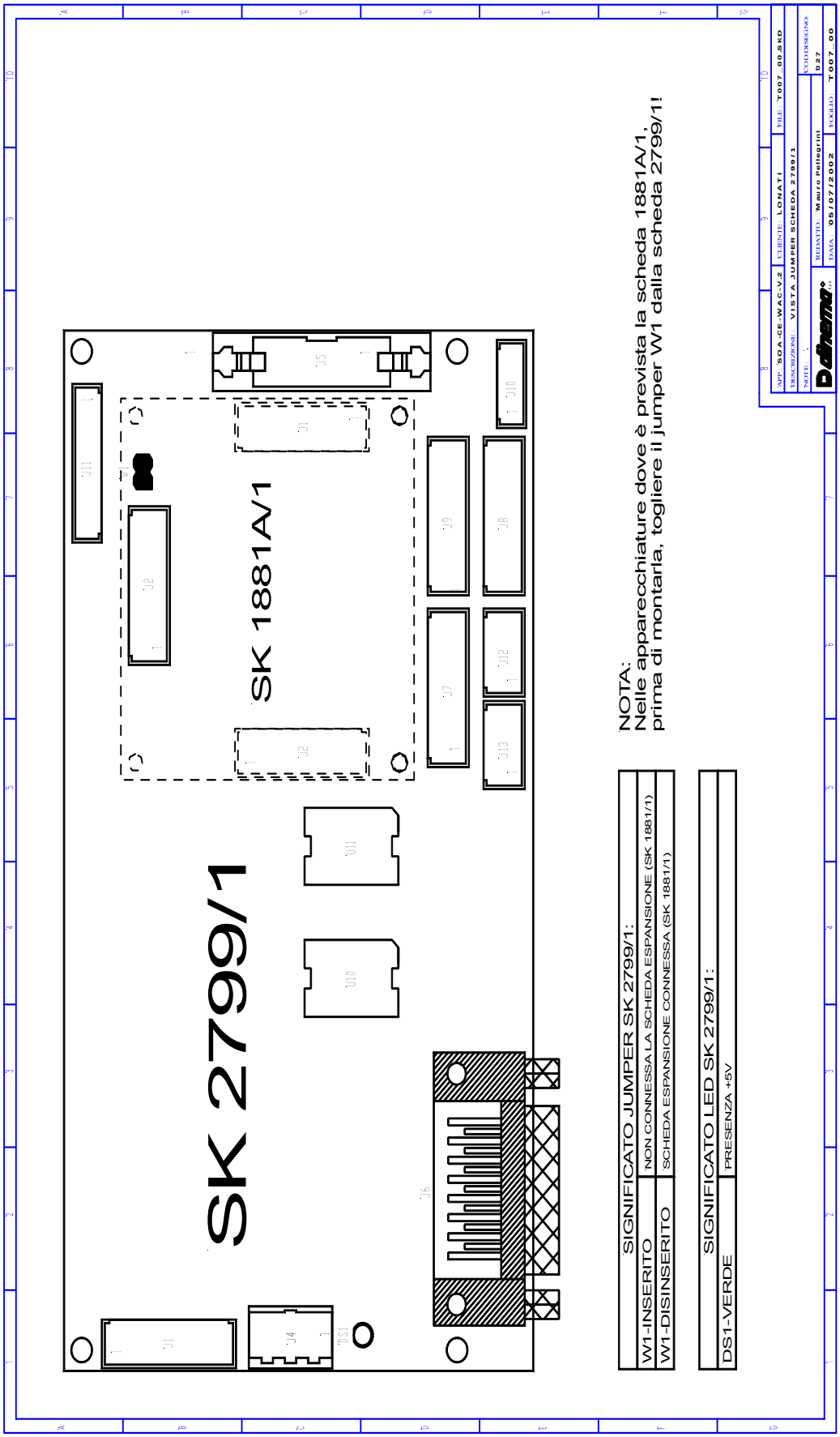
CONN	NP	CBL	NF	CF	SF	CABLAGGIO	CABLAGGIO CLIENTE	DESCRIZIONE
J6	1							N.C.
J6	2			BL	0.35	SK 2832 CONN. J1 PIN 3		TELERUUTORE DI MARCIA POLO +
J6	3			BL	0.35	SK 2832 CONN. J1 PIN 5		TELERUTTORE DI MARCIA POLO -
J6	4			BL	0.35	MORSETTO 7		0V
J6	5			BL	0.35	SK 2832 CONN. J1 PIN 1		CONTATTO N.O. TM
J6	6			BL	0.35	SK 2832 CONN. J1 PIN 7		CONTATTO COM. TM
J7	1			BL	0.25		CONN. "M.CARTER" PIN 1	INPUT MICR. CAR. OPEN
J7	2			MR	0.25		CONN. "M.CARTER" PIN 2	0V
J8	1			BL	0.35	SK 2004 CONN. J25 PIN 1		ENABLE MARCIA
J8	2			BL	0.35	SK 2004 CONN. J25 PIN 4		0V
J9	1			BL	0.35	MORSETTO 7		0V
J9	2			BL	0.35	MORSETTO 7		0V
J9	3			BL	0.35	MORSETTO 3		+24V
J9	4			BL	0.35	MORSETTO 3		+24V
J10	1							OUT MC IN MANOVELLA
J10	2							0V
J11	1							OUT ERRORE PLATORELLO
J11	2							ENABLE ALIMENTAZIONE
J11	3							INPUT SELETTORE CHIAVE MANUTEN.
J11	4							0V
J12	1							+24V
J12	2							OUT PROXIMITY
J12	3							OUT PROXIMITY
J12	4							0V
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 3		TERRA

J1 =MODU2 4 POLI J3 =MODU2 6 POLI J5 =MODU2 6 POLI J7 =MODU2 2 POLI J9 =MODU2 4 POLI J11 =MODU2 4 POLI FT1 = FASTON 6.3mm
J2 =MODU2 12 POLI J4 =MODU2 6 POLI J6 =MODU2 6 POLI J8 =MODU2 2 POLI J10 =MODU2 2 POLI J12 =MODU2 4 POLI

App: SOA-CE-WAC-MATRIX V.2	Descrizione: CABLAGGI SCHEDA 1799B/1	Cliente: LONATI	Note:

	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M011_00.DOC	Nome foglio: M011_00	Data: 05/07/2002

View and Connections of circuit Pcb 2799/1



Connections of circuit 2799/1 MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							INP 16 SCORTA (INPUT 16)
J1	2							INP 1 SCORTA (INPUT 1)
J1	3							INP 15 SCORTA (INPUT 15)
J1	4							INP 2 SCORTA (INPUT 2)
J1	5							INP 14 SCORTA (INPUT 14)
J1	6							INP 3 SCORTA (INPUT 3)
J1	7							INP 13 SCORTA (INPUT 13)
J1	8							INP 4 SCORTA (INPUT 4)
J1	9							INP 12 SCORTA (INPUT 12)
J1	10							INP 5 SCORTA (INPUT 5)
J1	11							INP 11 SCORTA (INPUT 11)
J1	12							INP 6 SCORTA (INPUT 6)
J1	13							INP 10 SCORTA (INPUT 10)
J1	14							INP 7 SCORTA (INPUT 7)
J1	15							INP 9 SCORTA (INPUT 9)
J1	16							INP 8 SCORTA (INPUT 8)
J2	1					SK 1881 CONN. J3 PIN 1		*CE1SPI
J2	2					SK 1881 CONN. J3 PIN 2		0V
J2	3					SK 1881 CONN. J3 PIN 3		CKSPI
J2	4					SK 1881 CONN. J3 PIN 4		0V
J2	5					SK 1881 CONN. J3 PIN 5		SPIOUT1
J2	6					SK 1881 CONN. J3 PIN 6		0V
J2	7					SK 1881 CONN. J3 PIN 7		SPIOUT
J2	8					SK 1881 CONN. J3 PIN 8		0V
J2	9					SK 1881 CONN. J3 PIN 9		*RESETSPI
J2	10					SK 1881 CONN. J3 PIN 10		0V
J2	11					SK 1881 CONN. J3 PIN 11		+24V
J2	12					SK 1881 CONN. J3 PIN 12		+24V
J2	13					SK 1881 CONN. J3 PIN 13		+24V
J2	14					SK 1881 CONN. J3 PIN 14		+24V
J2	15					SK 1881 CONN. J3 PIN 15		+24V
J2	16					SK 1881 CONN. J3 PIN 16		+24V
J4	1			BL	0.75	MORSETTO 2		+24V
J4	2			BL	0.75	MORSETTO 2		+24V
J4	3			BL	0.75	MORSETTO 6		0V
J4	4			BL	0.75	MORSETTO 6		0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J5	1	CVP 091				SK 2004 CONN. J12 PIN 1		0V
J5	2	CVP 091				SK 2004 CONN. J12 PIN 2		CKSPI
J5	3	CVP 091				SK 2004 CONN. J12 PIN 3		0V
J5	4	CVP 091				SK 2004 CONN. J12 PIN 4		SOUTSPI
J5	5	CVP 091				SK 2004 CONN. J12 PIN 5		0V
J5	6	CVP 091				SK 2004 CONN. J12 PIN 6		*RESETSPI
J5	7	CVP 091				SK 2004 CONN. J12 PIN 7		0V
J5	8	CVP 091				SK 2004 CONN. J12 PIN 8		*CE1SPI
J5	9	CVP 091				SK 2004 CONN. J12 PIN 8		0V
J5	10	CVP 091				SK 2004 CONN. J12 PIN 10		*CE2SPI
J5	11	CVP 091				SK 2004 CONN. J12 PIN 11		0V
J5	12	CVP 091				SK 2004 CONN. J12 PIN 12		SINSPI
J5	13	CVP 091				SK 2004 CONN. J12 PIN 12		0V
J5	14	CVP 091				SK 2004 CONN. J12 PIN 14		0V
J6	1	CBL 406				SK 2703 CONN. J12 PIN 1		CKSPI+
J6	2	CBL 406				SK 2703 CONN. J12 PIN 2		CKSPI-
J6	3	CBL 406				SK 2703 CONN. J12 PIN 3		SIAPPSPI+
J6	4	CBL 406				SK 2703 CONN. J12 PIN 4		SIAPPSPI-
J6	5	CBL 406				SK 2703 CONN. J12 PIN 5		SOUTSPI+
J6	6	CBL 406				SK 2703 CONN. J12 PIN 6		SOUTSPI-
J6	7	CBL 406				SK 2703 CONN. J12 PIN 7		*CE1SPI+
J6	8	CBL 406				SK 2703 CONN. J12 PIN 8		*CE1SPI-
J6	9	CBL 406				SK 2703 CONN. J12 PIN 9		*CE2SPI+
J6	10	CBL 406				SK 2703 CONN. J12 PIN 10		*CE2SPI-
J6	11	CBL 406				SK 2703 CONN. J12 PIN 11		*RESETSPI+
J6	12	CBL 406				SK 2703 CONN. J12 PIN 12		*RESETSPI-
J6	13	CBL 406				SCHERMO		0V
J6	14	CBL 406				SCHERMO		0V
J6	15	CBL 406				SCHERMO		0V

J1 = MODU2 8X2 POLI J4 = MODU1 4 POLI J6 = VASCHETTA 15 POLI
J2 = MODU2 8X2 POLI J5 = SEK18 14 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2799/1	Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M012_00.DOC	Nome foglio: M012_00	Data: 05/07/2002

CIRCUIT 2799/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1							OUT 16 (Motore Hepp cad.1)
J7	2							+24V
J7	3							OUT 15 (Motore Hepp cad.2)
J7	4							+24V
J7	5							OUT 14 (Motore Hepp cad.3)
J7	6							+24V
J7	7							OUT 13 (Motore Hepp cad.4)
J7	8							+24V
J7	9							OUT 12 (Lampada DSK - Optional)
J7	10							+24V
J7	11							OUT 11 (Lampada LCD - Optional)
J7	12							+24V
J7	13							OUT 10 (Incremento motori Hepp)
J7	14							+24V
J7	15							OUT 9 (Decremento motori Hepp)
J7	16							+24V
J8	1			RO	0.20		CONN. "VENTOLA" PIN 5	+24V (+24 VDC ventola)
J8	2							+24V
J8	3							+24V
J8	4							+24V
J8	5			MR	0.20		CONN. "VENTOLA" PIN 6	OUT 8 (Uscita ventola)
J8	6			BI	0.20		CONN. "VENTOLA" PIN 7	INPUT 32 (Termico ventola)
J8	7							OUT 7 (Reset errore motori Hepp)
J8	8			NR	0.20		CONN. "SA" PIN 1	INPUT 31 (Stop avvolgitori)
J8	9							OUT 6 (Uscita per Dacsy)
J8	10			NR	0.35		CONN. "S. IMP." PIN 2	INPUT 30 (Stop impalcatura)
J8	11							OUT 5 (Errore scorr. per Dacsy)
J8	12							INPUT 29 (Errore motori Hepp)
J8	13							0V
J8	14							0V
J8	15			BL	0.20		CONN. "VENTOLA" PIN 8	0V (0 VDC ventola)
J8	16			BL	0.35		CONN. "SA" PIN 2	0V (+24 VDC
J9	1							+24V
J9	2							+24V
J9	3							+24V
J9	4							+24V
J9	5							OUT 4
J9	6			BL	0.35	SK 2751 CONN. J4 PIN 1		INPUT 28 (Mancanza +48 VDC)
J9	7							OUT 3
J9	8			BL	0.35	SK 2751 CONN. J4 PIN 7		INPUT 27 (Mancanza –48 VDC)
J9	9							OUT 2
J9	10							INPUT 26

CONN	NP	CBL	NF	CF	SF	CABLAGGIO	CABLAGGIO CLIENTE	DESCRIZIONE
J9	11							OUT 1
J9	12							INPUT 25
J9	13							0V
J9	14							0V
J9	15							0V
J9	16							0V
J10	1			NR	0.20		CONNETTORE SC1 PIN 3	INPUT 24 (Tensionatori lycra cad.1)
J10	2			NR	0.20		CONNETTORE SC2 PIN 3	INPUT 23 (Tensionatori lycra cad.2)
J10	3			NR	0.20		CONNETTORE SC3 PIN 3	INPUT 22 (Tensionatori lycra cad.3)
J10	4			NR	0.20		CONNETTORE SC4 PIN 3	INPUT 21 (Tensionatori lycra cad.4)
J11	1			BL	0.35		FASTON S. MAN	INPUT 20 (Stop manovella)
J11	2			BL	0.35		FASTON S. OLIO	INPUT 19 (Stop mancanza olio)
J11	3			BL	0.35		FASTON P. OLIO	INPUT 18 (Stop pressione olio)
J11	4							INPUT 17
J11	5			NR	0.35		FASTON S. OLIO	0V (0 VDC Stop mancanza olio)
J11	6			NR	0.35		FASTON P. OLIO	0V (0 VDC Stop pressione olio)
J11	7							0V
J11	8							0V
J12	1			BL	0.20		CONN. SC1 PIN 1	0V (0 VDC Tensionatori lycra cad.1)
J12	2			MR	0.20		CONN. SC1 PIN 2	+24V (+24 VDC Tensionatori lycra cad.1)
J12	3			BL	0.20		CONN. SC2 PIN 1	0V (0 VDC Tensionatori lycra cad.2)
J12	4			MR	0.20		CONN. SC2 PIN 2	+24V (+24 VDC Tensionatori lycra cad.2)
J12	5			BL	0.20		CONN. SC3 PIN 1	0V (0 VDC Tensionatori lycra cad.3)
J12	6			MR	0.20		CONN. SC3 PIN 2	+24V (+24 VDC Tensionatori lycra cad.3)
J12	7			BL	0.20		CONN. SC4 PIN 1	0V (0 VDC Tensionatori lycra cad.4)
J12	8			MR	0.20		CONN. SC4 PIN 2	+24V (+24 VDC Tensionatori lycra cad.4)
J13	1							0V
J13	2							+24V
J13	3							0V
J13	4							+24V
J13	5							0V
J13	6							+24V
J13	7							0V
J13	8							+24V

J7 = MODU2 8X2 POLI J9 = MODU2 8X2 POLI J11 = MODU2 8 POLI J13 = MODU2 4X2 POLI
J8 = MODU2 8X2 POLI J10 = MODU2 4 POLI J12 = MODU2 4X2 POLI

App: SOA-CE-WAC-V.2	**Descrizione: CABLAGGI SCHEDA 2799/1**	**Cliente: LONATI**	**Note: I motori Hepp sono utilizzati solo dalle FL54J - OT/CT**
Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M013_00.DOC**	**Nome foglio: M013_00** / **Data: 05/07/2002**

View and Connections of circuit 1881A/1 (WAC & MATRIX)

La SK 1881A/1 viene montata di serie nelle apparecchiature:

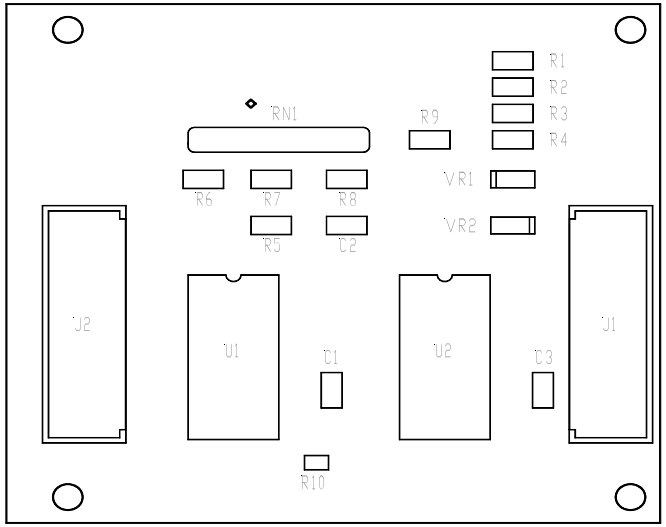
Lonati SOA-CE-WAC-6 COLORI + KIT ELETTROVALVOLE BISTABILI-V.2
Codice Dinema 600960 - Codice Lonati D4901314

Lonati SOA-CE-WAC-6 COLORI-1 COPERCHIO MOTORIZZATO + KIT ELETTROVALVOLE BISTABILI-V.2
Codice Dinema 600961 - Codice Lonati D4901315

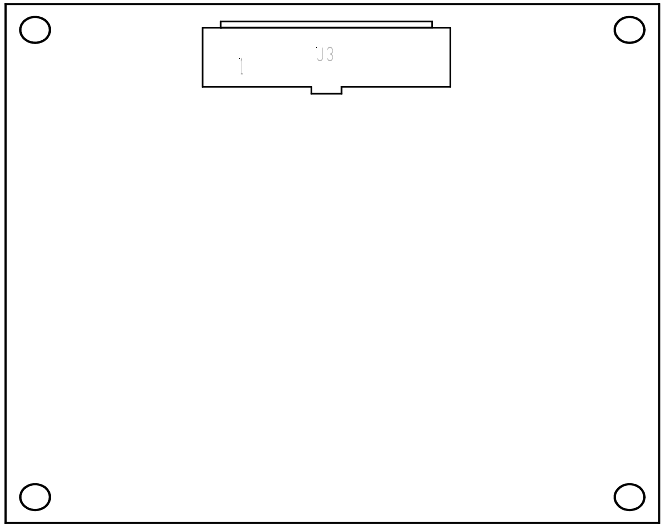
Lonati SOA-CE-WAC-6 COLORI-MOTORINO DOPPIO + KIT ELETTROVALVOLE BISTABILI-V.2
Codice Dinema 600962 - Codice Lonati D4901316

Apparecchiatura Lonati SOA-CE-WAC + KIT ELETTROVALVOLE BISTABILI-V.2
Codice Dinema 600963 - Codice Lonati D4901317

Apparecchiatura Lonati SOA-CE-WAC-1 COPERCHIO MOTORIZZATO + KIT ELETTROVALVOLE BISTABILI-V.2
Codice Dinema 600964 - Codice Lonati D4901318



Vista lato componenti scheda 1881A/1



Vista lato saldature scheda 1881A/1

APP.: SOA-CE-WAC-V.2	CLIENTE: LONATI	FILE: T008_00.SKD
DESCRIZIONE: VISTA SCHEDA 1881A/1		
NOTE:		COD.DISEGNO: 027
Dinema S.p.A.	REDATTO: Mauro Pellegrini	
	DATA: 05/07/2002	FOGLIO: T008_00

Connections of circuit 1881A/1 SINGLE MODULE (WAC & MATRIX)

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NR	0.20		CONNETTORE EL. 13 PIN 4	USCITA 08 (Chiusura scatoline N.O.)
J1	2			MR	0.20		CONNETTORE EL. 13 PIN 1	+24 VDC (Comune chiusura scatoline)
J1	3			BL	0.20		CONNETTORE EL. 13 PIN 3	USCITA 07 (Chiusura scatoline N.C.)
J1	4							+24 VDC
J1	5			NR	0.20		CONNETTORE EL. 14 PIN 4	USCITA 06 (Alza platorello N.O.)
J1	6			MR	0.20		CONNETTORE EL. 14 PIN 1	+24 VDC (Comune alza platorello)
J1	7			BL	0.20		CONNETTORE EL. 14 PIN 3	USCITA 05 (Alza platorello N.C.)
J1	8							+24 VDC
J1	9			NR	0.20		CONNETTORE EL. 15 PIN 4	USCITA 04 (Chiusura platorello N.O.)
J1	10			MR	0.20		CONNETTORE EL. 15 PIN 1	+24 VDC (Comune chiusura platorello)
J1	11			BL	0.20		CONNETTORE EL. 15 PIN 3	USCITA 03 (Chiusura platorello N.C.)
J1	12							+24 VDC
J1	13			NR	0.20		CONNETTORE EL. 16 PIN 4	USCITA 02 (Cremagliera N.O.)
J1	14			MR	0.20		CONNETTORE EL. 16 PIN 1	+24 VDC (Comune cremagliera)
J1	15			BL	0.20		CONNETTORE EL. 16 PIN 3	USCITA 01 (Cremagliera N.C.)
J1	16							+24 VDC

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J2	1			NR	0.20		CONNETTORE EL. 9 PIN 4	USCITA 16 (Rifasa platorello N.O.)
J2	2			MR	0.20		CONNETTORE EL. 9 PIN 1	+24 VDC (Comune rifasa platorello)
J2	3			BL	0.20		CONNETTORE EL. 9 PIN 3	USCITA 15 (Rifasa platorello N.C.)
J2	4							+24 VDC
J2	5			NR	0.20		CONNETTORE EL. 10 PIN 4	USCITA 14 (Riposiziona platorello N.C.)
J2	6			MR	0.20		CONNETTORE EL. 10 PIN 1	+24 VDC (Comune riposiziona platorello)
J2	7			BL	0.20		CONNETTORE EL. 10 PIN 3	USCITA 13 (Riposiziona platorello N.C.)
J2	8							+24 VDC
J2	9			NR	0.20		CONNETTORE EL. 11 PIN 4	USCITA 12 (Sgancio traino N.O.)
J2	10			MR	0.20		CONNETTORE EL. 11 PIN 1	+24 VDC (Comune sgancio traino)
J2	11			BL	0.20		CONNETTORE EL. 11 PIN 3	USCITA 11 (Sgancio traino N.C.)
J2	12							+24 VDC
J2	13			NR	0.20		CONNETTORE EL. 12 PIN 4	USCITA 10 (Freno platorello N.O.)
J2	14			MR	0.20		CONNETTORE EL. 12 PIN 1	+24 VDC (Comune freno platorello)
J2	15			BL	0.20		CONNETTORE EL. 12 PIN 3	USCITA 09 (Freno platorello N.C.)
J2	16							+24 VDC

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					SK 2799 CONN. J2 PIN 1		*CE
J3	2					SK 2799 CONN. J2 PIN 2		GND
J3	3					SK 2799 CONN. J2 PIN 3		CK
J3	4					SK 2799 CONN. J2 PIN 4		GND
J3	5					SK 2799 CONN. J2 PIN 5		SI
J3	6					SK 2799 CONN. J2 PIN 6		GND
J3	7					SK 2799 CONN. J2 PIN 7		SO
J3	8					SK 2799 CONN. J2 PIN 8		GND
J3	9					SK 2799 CONN. J2 PIN 9		*RES
J3	10					SK 2799 CONN. J2 PIN 10		GND
J3	11					SK 2799 CONN. J2 PIN 11		+24 VDC
J3	12					SK 2799 CONN. J2 PIN 12		+24 VDC
J3	13					SK 2799 CONN. J2 PIN 13		+24 VDC
J3	14					SK 2799 CONN. J2 PIN 14		+24 VDC
J3	15					SK 2799 CONN. J2 PIN 15		+24 VDC
J3	16					SK 2799 CONN. J2 PIN 16		+24 VDC

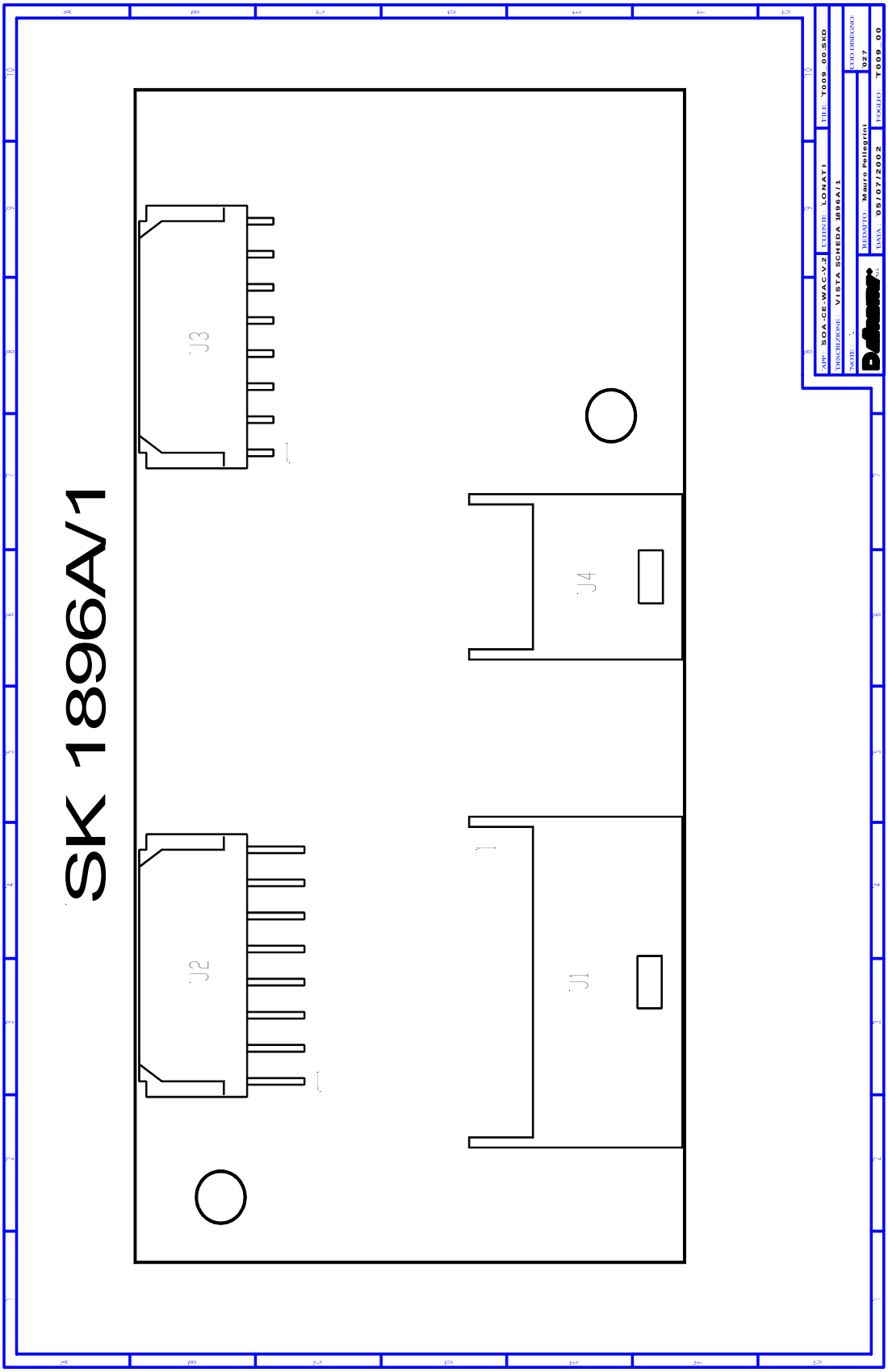
LE USCITE DALLA 11 ALLA 16 SONO UTILIZZATE ESCLUSIVAMENTE DALL'APPARECCHIATURA S454JFL PUNTA CHIUSA!

J1 = MODU2 8X2 POLI MASCHIO J3 = MODU2 8X2 POLI FEMMINA
J2 = MODU2 8X2 POLI MASCHIO

App: SOA-CE-WAC-MATRIX V.2	**Descrizione: CABLAGGIO SCHEDA 1881A/1 (OPTIONAL)**	**Cliente: LONATI**	**Note: Per macchine FL54J FL626 Non montata su macchina S462C6**

dinema® S.r.l.	**Redatto: MAURO PELLEGRINI**	**Cod. disegno: 027**	**Nome file: M014_00.DOC**	**Nome foglio: M014_00**	**Data: 05/07/2002**

View and Connections of circuit 1896A/1 (WAC & MATRIX)



Connections of circuit 1896A/1 SINGLE MODULE WAC & MATRIX)

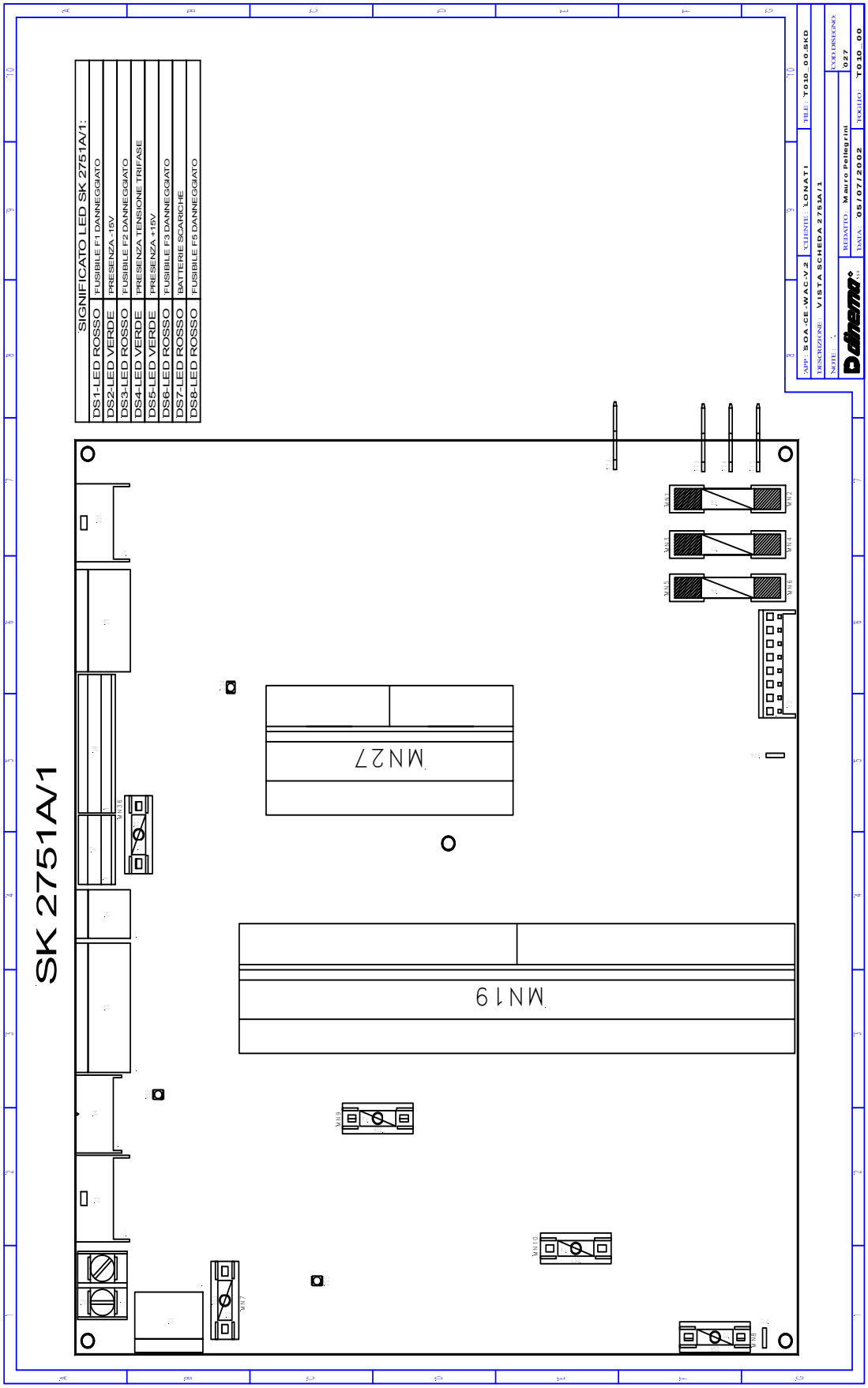
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BL	0.35	SK 2004 CONN. J4 PIN 1		RIGA 8
J1	2			BL	0.35	SK 2004 CONN. J4 PIN 2		COLONNA 8
J1	3			BL	0.35	SK 2004 CONN. J4 PIN 3		RIGA 7
J1	4			BL	0.35	SK 2004 CONN. J4 PIN 4		COLONNA 7
J1	5			BL	0.35	SK 2004 CONN. J4 PIN 5		RIGA 6
J1	6			BL	0.35	SK 2004 CONN. J4 PIN 6		COLONNA 6
J1	7			BL	0.35	SK 2004 CONN. J4 PIN 7		RIGA 5
J1	8			BL	0.35	SK 2004 CONN. J4 PIN 8		COLONNA 5
J1	9			BL	0.35	SK 2004 CONN. J4 PIN 9		RIGA 4
J1	10			BL	0.35	SK 2004 CONN. J4 PIN 10		COLONNA 4
J1	11			BL	0.35	SK 2004 CONN. J4 PIN 11		RIGA 3
J1	12			BL	0.35	SK 2004 CONN. J4 PIN 12		COLONNA 3
J1	13			BL	0.35	SK 2004 CONN. J4 PIN 13		RIGA 2
J1	14			BL	0.35	SK 2004 CONN. J4 PIN 14		COLONNA 2
J1	15			BL	0.35	SK 2004 CONN. J4 PIN 15		RIGA 1
J1	16			BL	0.35	SK 2004 CONN. J4 PIN 16		COLONNA 1
J1	17							N.C.
J1	18			BL	0.35	SK 2004 CONN. J4 PIN 18		COLONNA 9
J2	1					TASTIERA FLAT 1		COLONNA 1
J2	2					TASTIERA FLAT 2		RIGA 1
J2	3					TASTIERA FLAT 1		COLONNA 2
J2	4					TASTIERA FLAT 2		RIGA 2
J2	5					TASTIERA FLAT 1		COLONNA 3
J2	6					TASTIERA FLAT 2		RIGA 3
J2	7					TASTIERA FLAT 1		COLONNA 4
J2	8					TASTIERA FLAT 2		RIGA 4
J2	9					TASTIERA FLAT 1		COLONNA 5
J2	10					TASTIERA FLAT 2		RIGA 5
J2	11					TASTIERA FLAT 1		COLONNA 6
J2	12					TASTIERA FLAT 2		RIGA 6
J2	13					TASTIERA FLAT 1		COLONNA 7
J2	14					TASTIERA FLAT 2		RIGA 7
J2	15					TASTIERA FLAT 1		COLONNA 8
J2	16					TASTIERA FLAT 2		RIGA 8

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					TASTIERA FLAT 3		COLONNA 9
J3	2					TASTIERA FLAT 3		MAN. CONT.
J3	3					TASTIERA FLAT 3		COM. MAN. CONT.
J3	4					TASTIERA FLAT 3		MAN. SCT.
J3	5					TASTIERA FLAT 3		COM. MAN. SCT.
J3	6					TASTIERA FLAT 3		ALZA PLATORELLO
J3	7					TASTIERA FLAT 3		ABBASSA PLATORELLO
J3	8					TASTIERA FLAT 3		ABILITAZ. MOVIM. PLATORELLO
J4	1							N.C.
J4	2			BL	0.35	SK 1799 CONN. J2 PIN 12		MAN. CONT.
J4	3			BL	0.35	SK 1799 CONN. J2 PIN 10		COM. MAN. CONT.
J4	4			BL	0.35	SK 1799 CONN. J2 PIN 11		MAN. SCT.
J4	5			BL	0.35	SK 1799 CONN. J2 PIN 9		COM. MAN. SCT.
J4	6							ALZA PLATORELLO
J4	7							ABBASSA PLATORELLO
J4	8							ABILITAZ. MOVIM. PLATORELLO

J1 = MODU2 9X2 POLI J3 = DUBOX 8 POLI
J2 = DUBOX 8X2 POLI J4 = MODU2 4X2 POLI

App: SOA-CE-WAC-MATRIX V.2	Descrizione: CABLAGGI SCHEDA 1896A/1	Cliente: LONATI	Note:	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M015_00.DOC	Nome foglio: M015_00	Data: 05/07/2002

View and Connections of circuit 2751A/1



Connections of circuit 2751A/1 MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 5		TERRA
FT2				GV	2.5	ALLA BARRA DI TERRA "1" VITE 6		TERRA
FT3				NR	2.5	MORSETTO R		FASE R
FT4				NR	2.5	MORSETTO S		FASE S
FT5				NR	2.5	MORSETTO T		FASE T
FT6								TERRA
J1	1			BL	0.75	SK 2703 CONN. J11 PIN 1		+24V SERIALI
J1	2			BL	0.75	SK 2703 CONN. J11 PIN 1		+24V SERIALI
J1	3			BL	0.75	SK 2703 CONN. J11 PIN 2		CHECK 24V
J1	4							0V
J1	5			BL	0.75	SK 2703 CONN. J11 PIN 4		0V
J1	6			BL	0.75	SK 2703 CONN. J11 PIN 4		0V
J2	1			BL	2.5	FUSIBILE		+24V
J2	2			BL	2.5	MORSETTO 5		0V
J3	1			BL	0.35	SK 2004 CONN. J18 PIN 1		+15V
J3	2			BL	0.35	SK 2846/1 CONN. J4 PIN 1		+15V
J3	3			BL	0.35	SK 2846/2 CONN. J4 PIN 1		+15V
J3	4							+15V
J3	5							+15V
J3	6							+15V
J3	7			BL	0.35	SK 2004 CONN. J18 PIN 2		0V
J3	8			BL	0.35	SK 2004 CONN. J18 PIN 3		0V
J3	9			BL	0.35	SK 2846/1 CONN. J4 PIN 2		0V
J3	10			BL	0.35	SK 2846/2 CONN. J4 PIN 2		0V
J3	11			BL	0.35	SK 2846/1 CONN. J4 PIN 4		0V
J3	12			BL	0.35	SK 2846/2 CONN. J4 PIN 4		0V
J3	13			BL	0.35	SK 2004 CONN. J18 PIN 4		-15V
J3	14			BL	0.35	SK 2846/1 CONN. J4 PIN 3		-15V
J3	15			BL	0.35	SK 2846/2 CONN. J4 PIN 3		-15V
J3	16							-15V
J3	17							-15V
J3	18							-15V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1			BL	0.35	SK 2799 CONN. J9 PIN 6		MANCANZA +48V
J4	2			BL	0.35	SK 2004 CONN. J24 PIN 2		MANCANZA FASE
J4	3			BL	0.35	SK 2004 CONN. J24 PIN 3		BLACK_OUT
J4	4			BL	0.35	SK 2004 CONN. J24 PIN 4		BATTERIA KO
J4	5			BL	0.35	SK 2004 CONN. J24 PIN 5		TEST BATTERIA
J4	6			BL	0.35	SK 2004 CONN. J24 PIN 6		CHECK 24V SERIALI
J4	7			BL	0.35	SK 2799 CONN. J9 PIN 8		MANCANZA -48V
J4	8			BL	0.35	SK 2004 CONN. J24 PIN 1		MANCANZA +36V
J5	1			BL	0.75	SK 2844 CONN. J7 PIN 1		+48V
J5	2							+48V
J5	3			BL	0.75	SK 2844 CONN. J7 PIN 2		0V
J5	4			BL	0.75	SK 2844 CONN. J7 PIN 3		0V
J5	5							0V
J5	6							0V
J5	7							0V
J5	8							0V
J5	9			BL	0.75	SK 2844 CONN. J7 PIN 4		-48V
J5	10							-48V
J6	1			RO	0.75	POLO POSITIVO BATTERIA "B1"		POLO + BATTERIA B1
J6	2			NR	0.75	POLO NEGATIVO BATTERIA "B1"		POLO - BATTERIA B1
J6	3			RO	0.75	POLO POSITIVO BATTERIA "B2"		POLO + BATTERIA B2
J6	4			NR	0.75	POLO NEGATIVO BATTERIA "B2"		POLO - BATTERIA B2
J7	1			BL	1	SK 2004 CONN. J16 PIN 3		0V
J7	2			BL	1	SK 2754 CONN. J25 PIN 2		0V
J7	3			BL	1	SK 2004 CONN. J16 PIN 1		+5V
J7	4			BL	1	SK 2754 CONN. J25 PIN 1		+5V
J8	1			BL	1.5	SK 2754 CONN. J22 PIN 3		0V
J8	2			BL	1.5	SK 2754 CONN. J22 PIN 4		0V
J8	3			BL	0.75	SK 2846/1 CONN. J3 PIN 6		0V
J8	4			BL	0.75	SK 2846/2 CONN. J3 PIN 6		0V
J8	5			BL	1.5	SK 2754 CONN. J22 PIN 1		+36V
J8	6			BL	1.5	SK 2754 CONN. J22 PIN 2		+36V
J8	7			BL	0.75	SK 2846/1 CONN. J3 PIN 1		+36V
J8	8			BL	0.75	SK 2846/2 CONN. J3 PIN 1		+36V

J1 = MODU1 6 POLI J3 = MODU2 9X2 POLI J5 = MODU1 10 POLI J7 = SLA 4 POLI
J2 = MORSETTIERA 2 POLI J4 = MODU2 8 POLI J6 = MODU1 4 POLI J8 = SLA 8 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2751A/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M024_00.DOC	Nome foglio: M024_00	Data: 05/07/2002

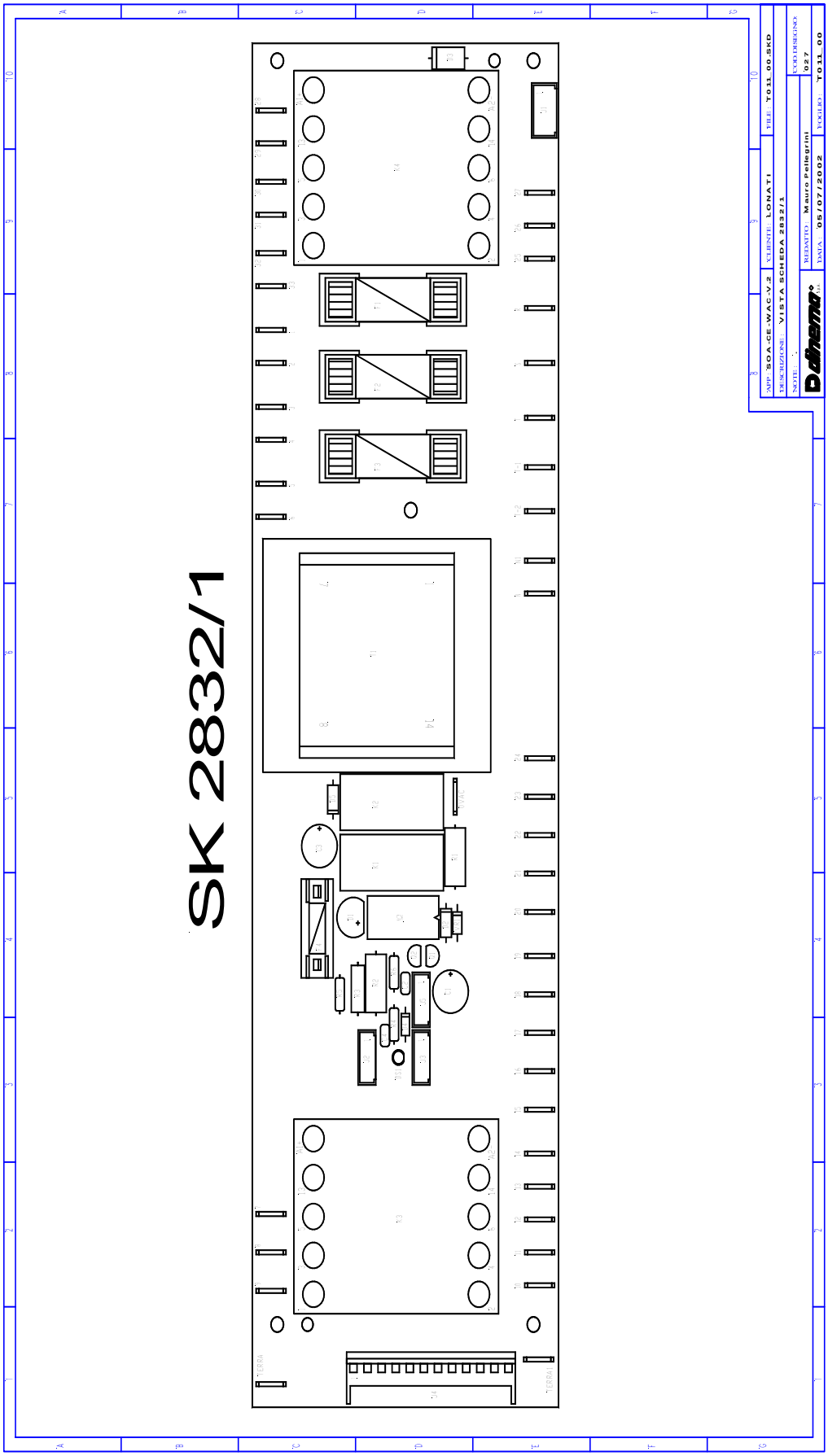
CIRCUIT 2751A/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE	
J9	1							+24V	
J9	2							+24V	
J9	3							+24V	
J9	4							+24V	
J9	5							0V	
J9	6							0V	
J9	7							0V	
J9	8							0V	
J10	1							+24V	
J10	2							+24V	
J10	3							+24V	
J10	4							+24V	
J10	5							+24V	
J10	6							+24V	
J10	7							+24V	
J10	8							+24V	
J10	9							0V	
J10	10							0V	
J10	11							0V	
J10	12							0V	
J10	13							0V	
J10	14							0V	
J10	15							0V	
J10	16							0V	

J9 = MODU1 8 POLI
J10 = MODU2 8X2 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2751A/1		Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027		Nome file: M025_00.DOC	Nome foglio: M025_00	Data:05/07/2002

View and Connections of circuit 2832/1 (WAC & MATRIX)



Connections of circuit 2832/1 SINGLE MODULE (WAC & MATRIX)

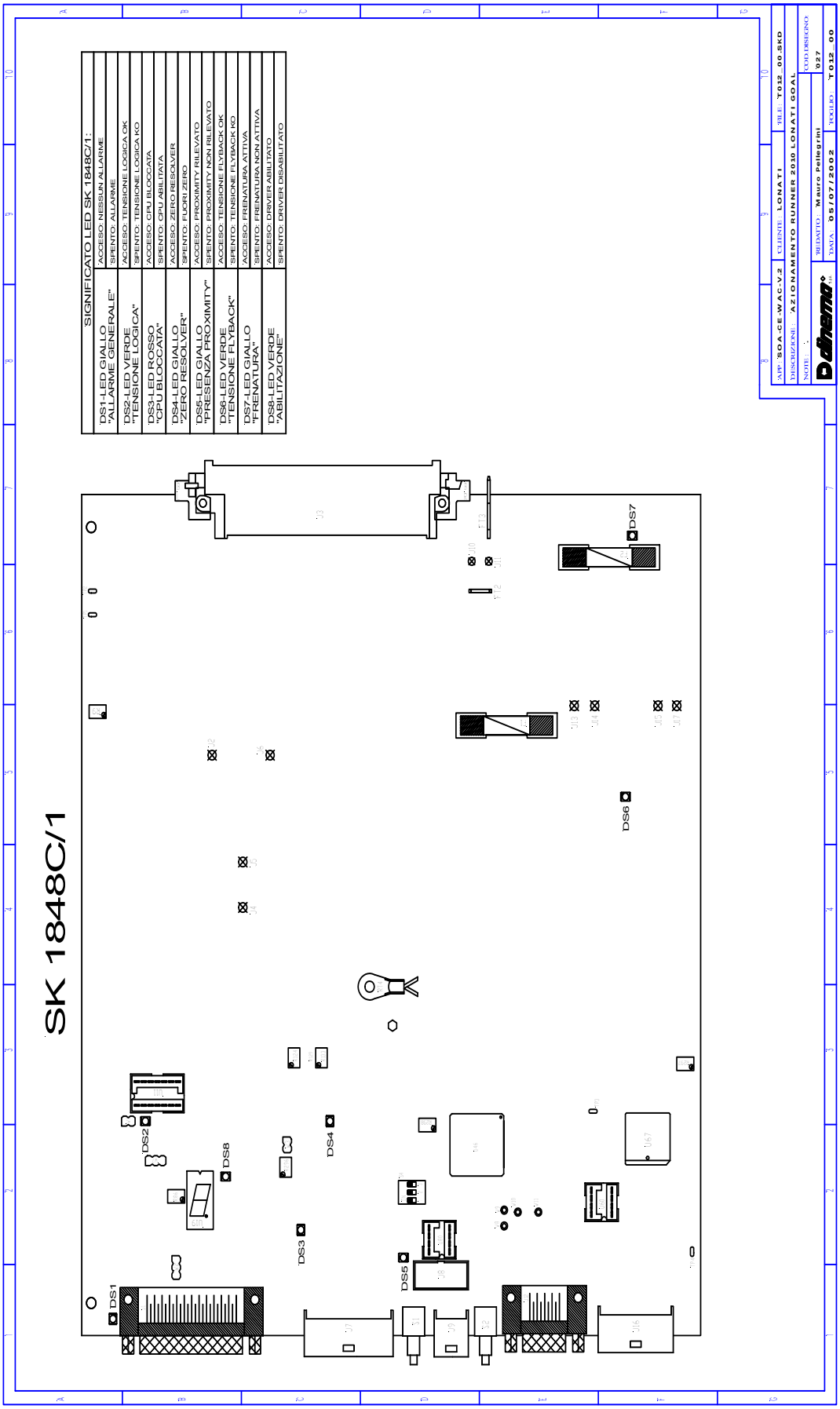
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BL	0.35	SK 1799 CONN. J6 PIN 5		CONTATTO N.O. TM
J1	2							CONTATTO N.O. TM
J1	3			BL	0.35	SK 1799 CONN. J6 PIN 2		TELERUTTORE DI MARCIA POLO +
J1	4							TELERUTTORE DI MARCIA POLO +
J1	5			BL	0.35	SK 1799 CONN. J6 PIN 3		TELERUTTORE DI MARCIA POLO -
J1	6							TELERUTTORE DI MARCIA POLO -
J1	7			BL	0.35	SK 1799 CONN. J6 PIN 6		CONTATTO COM. TM
J1	8							CONTATTO COM. TM
J2	1			BL	0.35	CONN. “JB2” PIN 6		INPUT PULSANTE EMERGENZA POLO 1
J2	2			BL	0.35	CONN. “JB2” PIN 7		LAMPADA EMERGENZA POLO 1
J2	3			BL	0.35	CONN. “JB2” PIN 8		LAMPADA EMERGENZA POLO 1
J2	4			BL	0.35	CONN. “JB2” PIN 1		INPUT SERIE MICRO SICUREZZA
J5	1							23 VAC
J5	2							23 VAC
J5	3							0 VAC
J5	4							0 VAC

CONN	NP	CBL	NF	CF	SF	CABLAGGIO	CABLAGGIO CLIENTE	DESCRIZIONE
R			R	NR	1.5		INTERRUTTORE GEN. PIN 2	INPUT FASE “R”
S			S	NR	1.5		INTERRUTTORE GEN. PIN 4	INPUT FASE “S”
T			T	NR	1.5		INTERRUTTORE GEN. PIN 8	INPUT FASE “T”
T1								OUT FASE “T”
N								INPUT FASE “N”
N1								OUT FASE “N”
1			1	NR	1.5		AUTOTRASFORMATORE INPUT	OUT FASE “N”
2			2	NR	1.5		CONTATTORE VENTOLA POLO L1	OUT FASE “N”
3			3	NR	1.5		AUTOTRASFORMATORE INPUT	OUT FASE “N”
4			4	NR	1.5		CONTATTORE VENTOLA POLO L2	OUT FASE “N”
5			5	NR	1.5		AUTOTRASFORMATORE INPUT	OUT FASE “N”
6			6	NR	1.5		CONTATTORE VENTOLA POLO L3	OUT FASE “N”
7			S7	NR	1.5		AUTOTRASFORMATORE 220V	INPUT FASE 1 AUTOTRASFORMATORE
8			8	NR	1.5		AUTOTRASFORMATORE 220V	INPUT FASE 2 AUTOTRASFORMATORE
9			N9	NR	1.5		AUTOTRASFORMATORE 220V	INPUT FASE 3 AUTOTRASFORMATORE
10			10	NR	1.5		ALIM. PANNELLO MORSETTO R	OUT FASE 1
11			11	NR	1.5		SK 1848 J3 PIN 24Z	OUT FASE 1
12			12	NR	1.5		TRASF. AVVOLG. IRO (Optional)	OUT FASE 1
13								OUT FASE 1
14								OUT FASE 1
15			15	NR	1.5		ALIM. PANNELLO MORSETTO S	OUT FASE 2
16			16	NR	1.5		SK 1848 J3 PIN 20Z	OUT FASE 2
17			17	NR	1.5		TRASF. AVVOLG. IRO (Optional)	OUT FASE 2
18			18	NR	1.5		ALIMENTAZIONE DCN (Optional)	OUT FASE 2
19								OUT FASE 2
20			20	NR	1.5		ALIM. PANNELLO MORSETTO T	OUT FASE 3
21			21	NR	1.5		SK 1848 CONN. J3 PIN 16Z	OUT FASE 3
22			22	NR	1.5		TRASF. AVVOLG. IRO (Optional)	OUT FASE 3
23			23	NR	1.5		ALIMENTAZIONE DCN (Optional)	OUT FASE 3
24								OUT FASE 3
25				MR	1.5		SK 1848 CONN. J3 PIN 4Z	INPUT FASE “V” AZIONAMENTO
26				BL	1.5		SK 1848 CONN. J3 PIN 8Z	INPUT FASE “W” AZIONAMENTO
27				NR	1.5		SK 1848 CONN. J3 PIN 12Z	INPUT FASE “U” AZIONAMENTO
28				NR	1.5		AL MOTORE FASE U	OUT FASE “U” MOTORE
29								OUT FASE “U” MOTORE
30				BL	1.5		AL MOTORE FASE W	OUT FASE “W” MOTORE
31								OUT FASE “W” MOTORE
32				MR	1.5		AL MOTORE FASE V	OUT FASE “V” MOTORE
33								OUT FASE “V” MOTORE
OVAC								OVAC
TERRA				GV	2.5	ALLA BARRA DI TERRA “1” VITE 7		TERRA
TERRA								TERRA

J1 = MODU2 4X2 POLI J5 = MODU2 4 POLI
J2 = MODU2 4 POLI

App: SOA-CE-WAC-MATRIX V.2	Descrizione: CABLAGGI SCHEDA 2832/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M016_00.DOC	Nome foglio: M016_00	Data: 05/07/2002

View and connections of circuit 1848C/1 (Runner 2010 driver) MATRIX & WAC



View and connections of circuit 1848C/1 (Runner 2010 driver) MATRIX **Single Module**

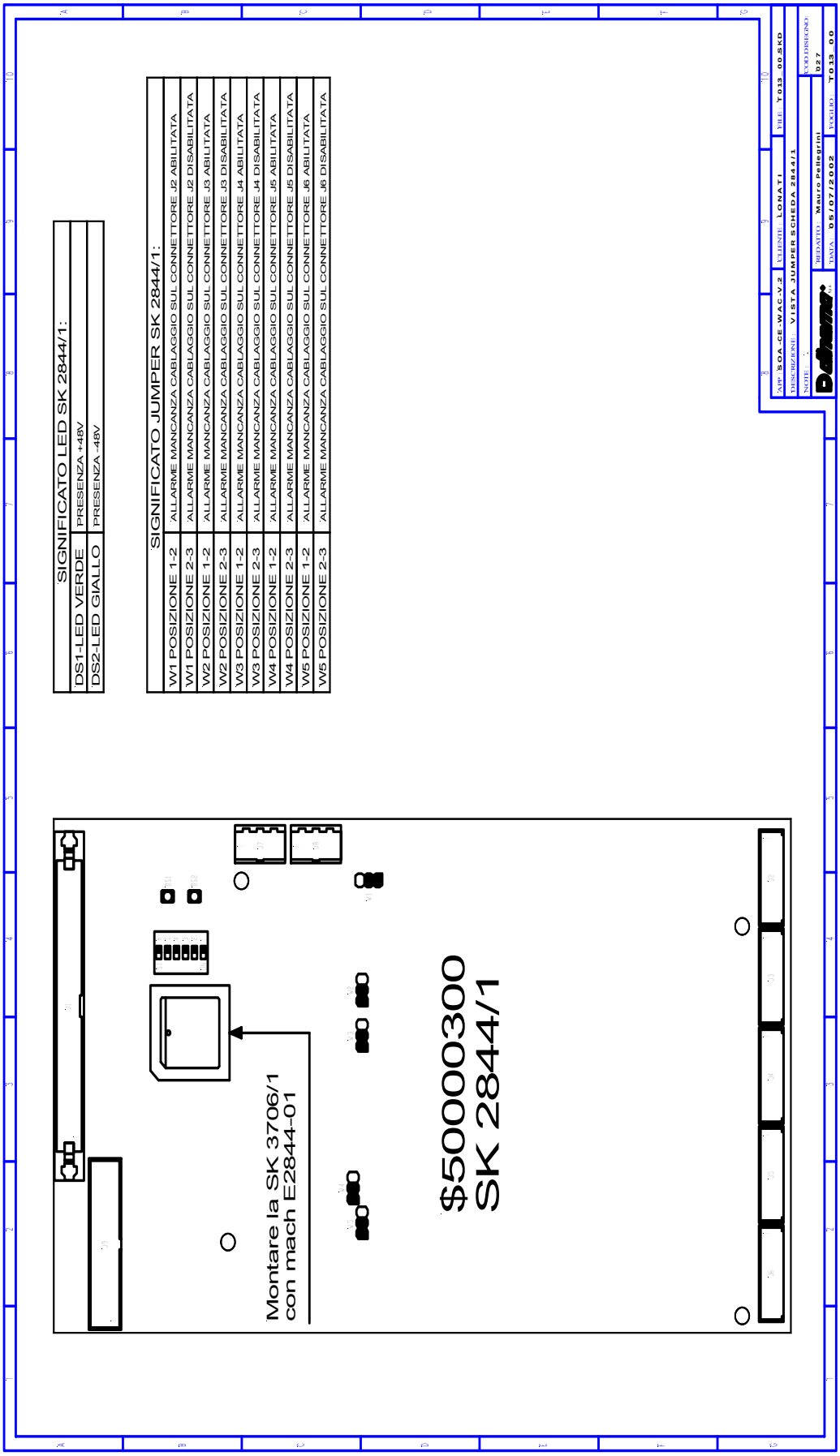
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1						SK 2004 CONN. J23 PIN 6	0V
J1	2							N.C.
J1	3							N.C.
J1	4			GI	0.22		SK 2004 CONN. J23 PIN 4	ALLARME AZIONAMENTO COM.
J1	5			BI	0.22		SK 2004 CONN. J23 PIN 1	ALLARME AZIONAMENTO N.A.
J1	6							ALLARME AZIONAMENTO N.C.
J1	7							N.C
J1	8							N.C.
J1	9							N.C.
J1	10							N.C.
J1	11			BL	0.22		SK 2004 CONN. J23 PIN 8	RIFERIMENTO -
J1	12			MR	0.22		SK 2004 CONN. J23 PIN 3	RIFERIMENTO +
J1	13							0V
J1	14							0V
J1	15							0V
J1	16							0V
J1	17							INPUT PROGR. ENCODER 0
J1	18							INPUT PROGR. ENCODER 1
J1	19							N.C.
J1	20							N.C.
J1	21			MR	0.35		SK 2004 CONN. J29 PIN 1	+15V
J1	22			BL	0.35		SK 2004 CONN. J29 PIN 2	-15V
J1	23			NR	0.35		SK 2004 CONN. J29 PIN 3	0V
J1	24			VI	0.22		SK 2004 CONN. J23 PIN 5	ENABLE POLO 1
J1	25			GR	0.22		SK 2004 CONN. J23 PIN 7	ENABLE POLO 2
J3	4Z						SK 2832 FT 25	FASE MOTORE V
J3	6D							FASE MOTORE V
J3	8Z						SK 2832 FT 26	FASE MOTORE W
J3	10D							FASE MOTORE W
J3	12Z						SK 2832 FT 27	FASE MOTORE U
J3	14D							FASE MOTORE U
J3	16Z						SK 2832 FT 21	INPUT LINEA T
J3	18D							INPUT LINEA T
J3	20Z						SK 2832 FT 16	INPUT LINEA S
J3	22D							INPUT LINEA S
J3	24Z						SK 2832 FT 11	INPUT LINEA R
J3	26D							INPUT LINEA R
J3	28Z							RESISTENZA FREN. POLO 1
J3	30D							RESISTENZA FREN. POLO 2
J3	32Z						ALLA VITE DI TERRA	TERRA

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1							TERRA
J7	2							+15V
J7	3							INPUT PROXIMITY DI ZERO
J7	4							OUT ENCODER FASE *N
J7	5							OUT ENCODER FASE N
J7	6			BL	0.35		SK 2004 CONN. J9 PIN 7	OUT ENCODER FASE *Z
J7	7			GRI	0.35		SK 2004 CONN. J9 PIN 8	OUT ENCODER FASE Z
J7	8			GI	0.35		SK 2004 CONN. J9 PIN 5	OUT ENCODER FASE *B
J7	9			RS	0.35		SK 2004 CONN. J9 PIN 6	OUT ENCODER FASE B
J7	10			MR	0.35		SK 2004 CONN. J9 PIN 4	OUT ENCODER FASE *A
J7	11			VE	0.35		SK 2004 CONN. J9 PIN 3	OUT ENCODER FASE A
J7	12			BI	0.35		SK 2004 CONN. J9 PIN 1	0V
J9	1							TERRA
J9	2						TERMICA MOTORE POLO 1	INPUT TERMICA POLO 1
J9	3						TERMICA MOTORE POLO 2	INPUT TERMICA POLO 2
J9	4							INPUT TERMICA POLO 2
J12	1							N.C.
J12	2							RX – RS232
J12	3							TX – RS232
J12	4							N.C.
J12	5							0V
J12	6							N.C.
J12	7							N.C.
J12	8							N.C.
J12	9							N.C.
J16	1						RESOLVER SCHERMATURA	TERRA
J16	2							INPUT TERMICA POLO 1
J16	3							INPUT TERMICA POLO 2
J16	4						RESOLVER FILO GIALLO	SIN + (RESOLVER)
J16	5						RESOLVER FILO BLU	SIN – (RESOLVER)
J16	6						RESOLVER FILO ROSSO	COS + (RESOLVER)
J16	7						RESOLVER FILO NERO	COS – (RESOLVER)
J16	8						RESOLVER FILO BIA/NER	REF1 (RESOLVER)
J16	9							TERRA
J16	10						RESOLVER FILO BIA/ROSSO	REF2 (RESOLVER)

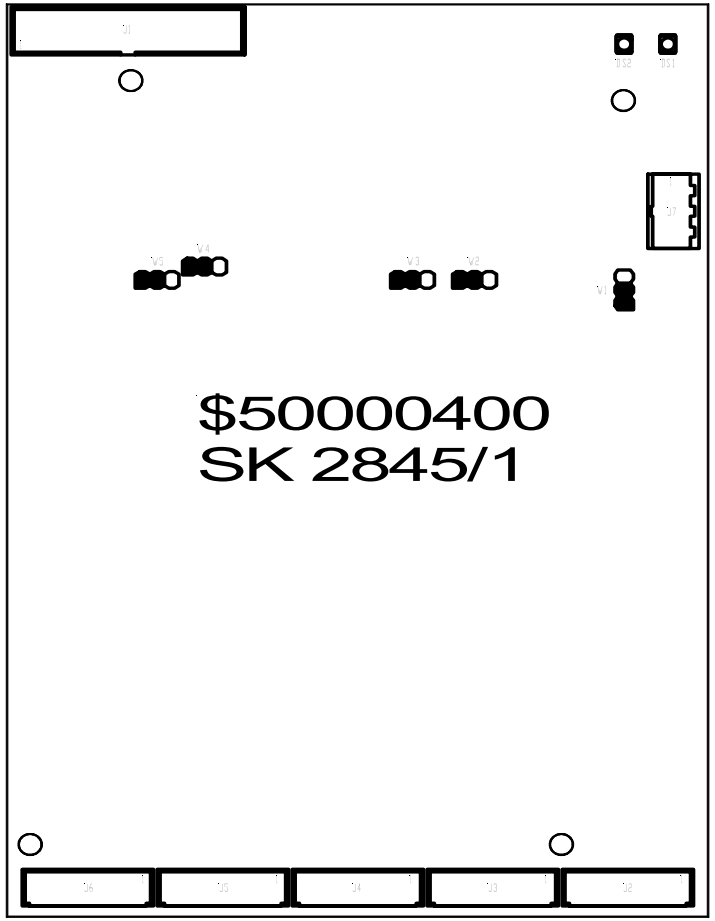
J1 = VASCHETTA 25 POLI J7 = MODU2 12 POLI J12 = VASCHETTA 9 POLI
J3 = HARTING 15 POLI J9 = MODU2 4 POLI J16 = MODU2 10 POLI

App: SOA-CE-WAC-V.2	**Descrizione: CABLAGGI SCHEDA 1848C/1**	**Cliente: LONATI**	**Note:**	
	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M017_00.DOC**	**Nome foglio: M017_00**	**Data: 05/07/2002**

View and Connections of circuit 2844/1



View and Connections of circuit 2845/1



SIGNIFICATO LED SK 2845/1:	
DS1-LED VERDE	PRESENZA +48V
DS2-LED GIALLO	PRESENZA -48V

SIGNIFICATO JUMPER SK 2845/1:	
W1 POSIZIONE 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J2 ABILITATA
W1 POSIZIONE 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J2 DISABILITATA
W2 POSIZIONE 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J3 ABILITATA
W2 POSIZIONE 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J3 DISABILITATA
W3 POSIZIONE 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J4 ABILITATA
W3 POSIZIONE 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J4 DISABILITATA
W4 POSIZIONE 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J5 ABILITATA
W4 POSIZIONE 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J5 DISABILITATA
W5 POSIZIONE 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J6 ABILITATA
W5 POSIZIONE 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J6 DISABILITATA

La scheda 2845/1 viene montata di serie nelle apparecchiature:

Lonati SOA-CE-WAC-6 COLORI + KIT ELETTROV. BISTABILI-V.2
Codice Dinema 600960 - Codice Lonati D4901314

Lonati SOA-CE-WAC-6 COLORI-1 COP. MOTORIZZATO + KIT ELETTROV. BISTABILI-V.2
Codice Dinema 600961 - Codice Lonati D4901315

Lonati SOA-CE-WAC-6 COLORI- MOTORINO DOPPIO + KIT ELETTROV. BISTABILI-V.2
Codice Dinema 600962 - Codice Lonati D4901316

APP: SOA-CE-WAC-V.2	CLIENTE: LONATI	FILE: T014_00.SKD
DESCRIZIONE: VISTA JUMPER SCHEDA 2845/1		
NOTE:		COD.DISEGNO: 027
Dinema S.p.A.	REDATTO: Mauro Pellegrini	
	DATA: 05/07/2002	FOGLIO: T014_00

Connections of circuit MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1	CVP 203				SK 2846/2 CONN. J7 PIN 1		0V
J1	2	CVP 203				SK 2846/2 CONN. J7 PIN 2		0V
J1	3	CVP 203				SK 2846/2 CONN. J7 PIN 3		D1
J1	4	CVP 203				SK 2846/2 CONN. J7 PIN 4		D0
J1	5	CVP 203				SK 2846/2 CONN. J7 PIN 5		D3
J1	6	CVP 203				SK 2846/2 CONN. J7 PIN 6		D2
J1	7	CVP 203				SK 2846/2 CONN. J7 PIN 7		D5
J1	8	CVP 203				SK 2846/2 CONN. J7 PIN 8		D4
J1	9	CVP 203				SK 2846/2 CONN. J7 PIN 9		D7
J1	10C	CVP 203				SK 2846/2 CONN. J7 PIN 10		D6
J1	11	CVP 203				SK 2846/2 CONN. J7 PIN 11		0V
J1	12	CVP 203				SK 2846/2 CONN. J7 PIN 12		0V
J1	13	CVP 203				SK 2846/2 CONN. J7 PIN 13		A1
J1	14	CVP 203				SK 2846/2 CONN. J7 PIN 14		A0
J1	15	CVP 203				SK 2846/2 CONN. J7 PIN 15		A3
J1	16	CVP 203				SK 2846/2 CONN. J7 PIN 16		A2
J1	17	CVP 203				SK 2846/2 CONN. J7 PIN 17		A5
J1	18	CVP 203				SK 2846/2 CONN. J7 PIN 18		A4
J1	19	CVP 203				SK 2846/2 CONN. J7 PIN 19		A7
J1	20	CVP 203				SK 2846/2 CONN. J7 PIN 20		A6
J1	21	CVP 203				SK 2846/2 CONN. J7 PIN 21		A9
J1	22	CVP 203				SK 2846/2 CONN. J7 PIN 22		A8
J1	23	CVP 203				SK 2846/2 CONN. J7 PIN 23		A11
J1	24	CVP 203				SK 2846/2 CONN. J7 PIN 24		A10
J1	25	CVP 203				SK 2846/2 CONN. J7 PIN 25		A13
J1	26	CVP 203				SK 2846/2 CONN. J7 PIN 26		A12
J1	27	CVP 203				SK 2846/2 CONN. J7 PIN 27		A15
J1	28	CVP 203				SK 2846/2 CONN. J7 PIN 28		A14
J1	29	CVP 203				SK 2846/2 CONN. J7 PIN 29		0V
J1	30	CVP 203				SK 2846/2 CONN. J7 PIN 30		0V
J1	31	CVP 203				SK 2846/2 CONN. J7 PIN 31		*RD
J1	32	CVP 203				SK 2846/2 CONN. J7 PIN 32		R/*W
J1	33	CVP 203				SK 2846/2 CONN. J7 PIN 33		N.C.
J1	34	CVP 203				SK 2846/2 CONN. J7 PIN 34		*WD
J1	35	CVP 203				SK 2846/2 CONN. J7 PIN 35		*VPA
J1	36	CVP 203				SK 2846/2 CONN. J7 PIN 36		N.C.
J1	37	CVP 203				SK 2846/2 CONN. J7 PIN 37		N.C.
J1	38	CVP 203				SK 2846/2 CONN. J7 PIN 38		*RESET
J1	39	CVP 203				SK 2846/2 CONN. J7 PIN 39		N.C.
J1	40	CVP 203				SK 2846/2 CONN. J7 PIN 40		N.C.
J1	41	CVP 203				SK 2846/2 CONN. J7 PIN 41		0V
J1	42	CVP 203				SK 2846/2 CONN. J7 PIN 42		N.C.
J1	43	CVP 203				SK 2846/2 CONN. J7 PIN 43		+5V
J1	44	CVP 203				SK 2846/2 CONN. J7 PIN 44		N.C.

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	45	CVP 203				SK 2846/2 CONN. J7 PIN 45		+5V
J1	46	CVP 203				SK 2846/2 CONN. J7 PIN 46		N.C.
J1	47	CVP 203				SK 2846/2 CONN. J7 PIN 47		+5V
J1	48	CVP 203				SK 2846/2 CONN. J7 PIN 48		N.C.
J1	49	CVP 203				SK 2846/2 CONN. J7 PIN 49		+5V
J1	50	CVP 203				SK 2846/2 CONN. J7 PIN 50		N.C.
J2	1			BI	0.20		CONNETTORE "T1" PIN 1	$ 50000300 (OUT 01)
J2	2			AZ	0.20		CONNETTORE "T1" PIN 12	0V
J2	3			GR	0.20		CONNETTORE "T1" PIN 2	$ 50000301 (OUT 02)
J2	4			BL	0.20		CONNETTORE "T1" PIN 9	0V
J2	5			GI	0.20		CONNETTORE "T1" PIN 3	$ 50000302 (OUT 03)
J2	6							0V
J2	7			VE	0.20		CONNETTORE "T1" PIN 4	$ 50000303 (OUT 04)
J2	8							0V
J2	9			MA	0.20		CONNETTORE "T1" PIN 5	$ 50000304 (OUT 05)
J2	10							R-CN1
J2	11			NR	0.20		CONNETTORE "T1" PIN 6	$ 50000305 (OUT 06)
J2	12							0V
J2	13			RO	0.20		CONNETTORE "T1" PIN 7	$ 50000306 (OUT 07)
J2	14							0V
J2	15			VI	0.20		CONNETTORE "T1" PIN 8	$ 50000307 (OUT 08)
J2	16							0V
J3	1			BI	0.20		CONNETTORE "T2" PIN 1	$ 50000308 (OUT 09)
J3	2			AZ	0.20		CONNETTORE "T2" PIN 12	0V
J3	3			GR	0.20		CONNETTORE "T2" PIN 2	$ 50000309 (OUT 10)
J3	4			BL	0.20		CONNETTORE "T2" PIN 9	0V
J3	5			GI	0.20		CONNETTORE "T2" PIN 3	$ 5000030A (OUT 11)
J3	6							0V
J3	7			VE	0.20		CONNETTORE "T2" PIN 4	$ 5000030B (OUT 12)
J3	8							0V
J3	9			MA	0.20		CONNETTORE "T2" PIN 5	$ 5000030C (OUT 13)
J3	10							R-CN2
J3	11			NR	0.20		CONNETTORE "T2" PIN 6	$ 5000030D (OUT 14)
J3	12							0V
J3	13			RO	0.20		CONNETTORE "T2" PIN 7	$ 5000030E (OUT 15)
J3	14							0V
J3	15			VI	0.20		CONNETTORE "T2" PIN 8	$ 5000030F (OUT 16)
J3	16							0V

J1 = SEK 18 50 POLI
J2 = MODU2 8X2 POLI
J3 = MODU2 8X2 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2844/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M018_00.DOC	Nome foglio: M018_00	Data: 05/07/2002

CIRCUIT 2844/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1			BI	0.20		CONNETTORE "T3" PIN 1	$ 50000310 (OUT 17)
J4	2			AZ	0.20		CONNETTORE "T3" PIN 12	0V
J4	3			GR	0.20		CONNETTORE "T3" PIN 2	$ 50000311 (OUT 18)
J4	4			BL	0.20		CONNETTORE "T3" PIN 9	0V
J4	5			GI	0.20		CONNETTORE "T3" PIN 3	$ 50000312 (OUT 19)
J4	6							0V
J4	7			VE	0.20		CONNETTORE "T3" PIN 4	$ 50000313 (OUT 20)
J4	8							0V
J4	9			MA	0.20		CONNETTORE "T3" PIN 5	$ 50000314 (OUT 21)
J4	10							R-CN3
J4	11			NR	0.20		CONNETTORE "T3" PIN 6	$ 50000315 (OUT 22)
J4	12							0V
J4	13			RO	0.20		CONNETTORE "T3" PIN 7	$ 50000316 (OUT 23)
J4	14							0V
J4	15			VI	0.20		CONNETTORE "T3" PIN 8	$ 50000317 (OUT 24)
J4	16							0V
J5	1			BI	0.20		CONNETTORE "T4" PIN 1	$ 50000318 (OUT 25)
J5	2			AZ	0.20		CONNETTORE "T4" PIN 12	0V
J5	3			GR	0.20		CONNETTORE "T4" PIN 2	$ 50000319 (OUT 26)
J5	4			BL	0.20		CONNETTORE "T4" PIN 9	0V
J5	5			GI	0.20		CONNETTORE "T4" PIN 3	$ 5000031A (OUT 27)
J5	6							0V
J5	7			VE	0.20		CONNETTORE "T4" PIN 4	$ 5000031B (OUT 28)
J5	8							0V
J5	9			MA	0.20		CONNETTORE "T4" PIN 5	$ 5000031C (OUT 29)
J5	10							R-CN4
J5	11			NR	0.20		CONNETTORE "T4" PIN 6	$ 5000031D (OUT 30)
J5	12							0V
J5	13			RO	0.20		CONNETTORE "T4" PIN 7	$ 5000031E (OUT 31)
J5	14							0V
J5	15			VI	0.20		CONNETTORE "T4" PIN 8	$ 5000031F (OUT 32)
J5	16							0V
J6	1			BI	0.20		CONNETTORE "T5" PIN 1	$ 50000320 (OUT 33)
J6	2			AZ	0.20		CONNETTORE "T5" PIN 12	0V
J6	3			GR	0.20		CONNETTORE "T5" PIN 2	$ 50000321 (OUT 34)
J6	4			BL	0.20		CONNETTORE "T5" PIN 9	0V
J6	5			GI	0.20		CONNETTORE "T5" PIN 3	$ 50000322 (OUT 35)
J6	6							0V
J6	7			VE	0.20		CONNETTORE "T5" PIN 4	$ 50000323 (OUT 36)
J6	8							0V
J6	9			MA	0.20		CONNETTORE "T5" PIN 5	$ 50000324 (OUT 37)
J6	10							0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	11			NR	0.20		CONNETTORE "T5" PIN 6	$ 50000325 (OUT 38)
J6	12							0V
J6	13			RO	0.20		CONNETTORE "T5" PIN 7	$ 50000326 (OUT 39)
J6	14							0V
J6	15			VI	0.20		CONNETTORE "T5" PIN 8	$ 50000327 (OUT 40)
J6	16							0V
J7	1			BL	0.75	SK 2751 CONN. J5 PIN 1		+48V
J7	2			BL	0.75	SK 2751 CONN. J5 PIN 3		0
J7	3			BL	0.75	SK 2751 CONN. J5 PIN 4		0
J7	4			BL	0.75	SK 2751 CONN. J5 PIN 9		-48V
J8	1	CBL 506				SK 2845 CONN. J7 PIN 1		+48V
J8	2	CBL 506				SK 2845 CONN. J7 PIN 2		0
J8	3	CBL 506				SK 2845 CONN. J7 PIN 3		0
J8	4	CBL 506				SK 2845 CONN. J7 PIN 4		-48V
J9	1	CVP 187				SK 2845 CONN. J1 PIN 1		+5V
J9	2	CVP 187				SK 2845 CONN. J1 PIN 2		SLA0
J9	3	CVP 187				SK 2845 CONN. J1 PIN 3		+5V
J9	4	CVP 187				SK 2845 CONN. J1 PIN 4		SLA1
J9	5	CVP 187				SK 2845 CONN. J1 PIN 5		ALL-GR6
J9	6	CVP 187				SK 2845 CONN. J1 PIN 6		SLA2
J9	7	CVP 187				SK 2845 CONN. J1 PIN 7		ALL-GR7
J9	8	CVP 187				SK 2845 CONN. J1 PIN 8		*SLCS5
J9	9	CVP 187				SK 2845 CONN. J1 PIN 9		ALL-GR8
J9	10	CVP 187				SK 2845 CONN. J1 PIN 10		*SLCS6
J9	11	CVP 187				SK 2845 CONN. J1 PIN 11		ALL-GR9
J9	12	CVP 187				SK 2845 CONN. J1 PIN 12		*SLCS7
J9	13	CVP 187				SK 2845 CONN. J1 PIN 13		ALL-GR10
J9	14	CVP 187				SK 2845 CONN. J1 PIN 14		*SLCS8
J9	15	CVP 187				SK 2845 CONN. J1 PIN 15		D0
J9	16	CVP 187				SK 2845 CONN. J1 PIN 16		*SLCS9
J9	17	CVP 187				SK 2845 CONN. J1 PIN 17		ALL-CN6
J9	18	CVP 187				SK 2845 CONN. J1 PIN 18		*SLRES
J9	19	CVP 187				SK 2845 CONN. J1 PIN 19		ALL-CN6
J9	20	CVP 187				SK 2845 CONN. J1 PIN 20		SLRES
J9	21	CVP 187				SK 2845 CONN. J1 PIN 21		ALL-CN8
J9	22	CVP 187				SK 2845 CONN. J1 PIN 22		OV
J9	23	CVP 187				SK 2845 CONN. J1 PIN 23		ALL-CN9
J9	24	CVP 187				SK 2845 CONN. J1 PIN 24		0V
J9	25	CVP 187				SK 2845 CONN. J1 PIN 25		ALL-CN10
J9	26	CVP 187				SK 2845 CONN. J1 PIN 26		0V
26								

J4 = MODU2 8X2 POLI J6 = MODU2 8X2 POLI J8 = MODU1 4 POLI
J5 = MODU2 8X2 POLI J7 = MODU1 4 POLI J9 = SEK 18 26 POLI

App: SOA-CE-WAC-V.2	**Descrizione: CABLAGGI SCHEDA 2844/1**	**Cliente: LONATI**	**Note: Il connettore J6 è utilizzato solamente dalle FL626 – OT/CT**

	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M019_00.DOC**	**Nome foglio: M019_00**	**Data: 05/07/2002**

CIRCUIT 2844/1 MODULE 3

ALLARME CORTOCIRCUITO:				ALLARME CONNETTORE NON CONNESSO :			
INDIRIZZO	DATO	SEGNALE	FUNZIONE	INDIRIZZO	DATO	SEGNALE	FUNZIONE
$50000300	D0=0	ALL-GR1	ALLARME CORTOCIRCUITO GRUPPO USCITE 1-8 (CONN. J2)	$50000308	D0=1	ALL-CN1	ALLARME CABLAGGIO CONNETTORE J2 NON CONNESSO
$50000300	D1=0	ALL-GR2	ALLARME CORTOCIRCUITO GRUPPO USCITE 9-16 (CONN. J3)	$50000308	D1=1	ALL-CN2	ALLARME CABLAGGIO CONNETTORE J3 NON CONNESSO
$50000300	D2=0	ALL-GR3	ALLARME CORTOCIRCUITO GRUPPO USCITE 17-24 (CONN. J4)	$50000308	D2=1	ALL-CN3	ALLARME CABLAGGIO CONNETTORE J4 NON CONNESSO
$50000300	D3=0	ALL-GR4	ALLARME CORTOCIRCUITO GRUPPO USCITE 25-32 (CONN. J5)	$50000308	D3=1	ALL-CN4	ALLARME CABLAGGIO CONNETTORE J5 NON CONNESSO
$50000300	D4=0	ALL-GR5	ALLARME CORTOCIRCUITO GRUPPO USCITE 32-40 (CONN. J6)	$50000308	D4=1	ALL-CN5	ALLARME CABLAGGIO CONNETTORE J6 NON CONNESSO

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2844/1		Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M020_00.DOC	Nome foglio: M020_00	Data: 05/07/2002

Connections of circuit MODULE 1

2845/1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1	CVP 187				SK 2844 CONN. J9 PIN 1		+5V
J1	2	CVP 187				SK 2844 CONN. J9 PIN 2		A0
J1	3	CVP 187				SK 2844 CONN. J9 PIN 3		+5V
J1	4	CVP 187				SK 2844 CONN. J9 PIN 4		A1
J1	5	CVP 187				SK 2844 CONN. J9 PIN 5		ALL-GR1
J1	6	CVP 187				SK 2844 CONN. J9 PIN 6		A2
J1	7	CVP 187				SK 2844 CONN. J9 PIN 7		ALL-GR2
J1	8	CVP 187				SK 2844 CONN. J9 PIN 8		*CS0
J1	9	CVP 187				SK 2844 CONN. J9 PIN 9		ALL-GR3
J1	10C	CVP 187				SK 2844 CONN. J9 PIN 10		*CS1
J1	11	CVP 187				SK 2844 CONN. J9 PIN 11		ALL-GR4
J1	12	CVP 187				SK 2844 CONN. J9 PIN 12		*CS2
J1	13	CVP 187				SK 2844 CONN. J9 PIN 13		ALL-GR5
J1	14	CVP 187				SK 2844 CONN. J9 PIN 14		*CS3
J1	15	CVP 187				SK 2844 CONN. J9 PIN 15		D0
J1	16	CVP 187				SK 2844 CONN. J9 PIN 16		*CS4
J1	17	CVP 187				SK 2844 CONN. J9 PIN 17		ALL-CN1
J1	18	CVP 187				SK 2844 CONN. J9 PIN 18		*RES
J1	19	CVP 187				SK 2844 CONN. J9 PIN 19		ALL-CN2
J1	20	CVP 187				SK 2844 CONN. J9 PIN 20		RES
J1	21	CVP 187				SK 2844 CONN. J9 PIN 21		ALL-CN3
J1	22	CVP 187				SK 2844 CONN. J9 PIN 22		0V
J1	23	CVP 187				SK 2844 CONN. J9 PIN 23		ALL-CN4
J1	24	CVP 187				SK 2844 CONN. J9 PIN 24		0V
J1	25	CVP 187				SK 2844 CONN. J9 PIN 25		ALL-CN5
J1	26	CVP 187				SK 2844 CONN. J9 PIN 26		0V
J2	1			BI	0.20		CONNETTORE “T6” PIN 1	$ 50000400 (OUT 41)
J2	2			AZ	0.20		CONNETTORE “T6” PIN 12	0V
J2	3			GR	0.20		CONNETTORE “T6” PIN 2	$ 50000401 (OUT 42)
J2	4			BL	0.20		CONNETTORE “T6” PIN 9	0V
J2	5			GI	0.20		CONNETTORE “T6” PIN 3	$ 50000402 (OUT 43)
J2	6							0V
J2	7			VE	0.20		CONNETTORE “T6” PIN 4	$ 50000403 (OUT 44)
J2	8							0V
J2	9			MA	0.20		CONNETTORE “T6” PIN 5	$ 50000404 (OUT 45)
J2	10							R-CN1
J2	11			NR	0.20		CONNETTORE “T6” PIN 6	$ 50000405 (OUT 46)
J2	12							0V
J2	13			RO	0.20		CONNETTORE “T6” PIN 7	$ 50000406 (OUT 47)
J2	14							0V
J2	15			VI	0.20		CONNETTORE “T6” PIN 8	$ 50000407 (OUT 48)
J2	16							0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1			BI	0.20		CONNETTORE “T7” PIN 1	$ 50000408 (OUT 49)
J3	2			AZ	0.20		CONNETTORE “T7” PIN 12	0V
J3	3			GR	0.20		CONNETTORE “T7” PIN 2	$ 50000409 (OUT 50)
J3	4			BL	0.20		CONNETTORE “T7” PIN 9	0V
J3	5			GI	0.20		CONNETTORE “T7” PIN 3	$ 5000040A (OUT 51)
J3	6							0V
J3	7			VE	0.20		CONNETTORE “T7” PIN 4	$ 5000040B (OUT 52)
J3	8							0V
J3	9			MA	0.20		CONNETTORE “T7” PIN 5	$ 5000040C (OUT 53)
J3	10							R-CN2
J3	11			NR	0.20		CONNETTORE “T7” PIN 6	$ 5000040D (OUT 54)
J3	12							0V
J3	13			RO	0.20		CONNETTORE “T7” PIN 7	$ 5000040E (OUT 55)
J3	14							0V
J3	15			VI	0.20		CONNETTORE “T7” PIN 8	$ 5000040F (OUT 56)
J3	16							0V
J4	1			BI	0.20		CONNETTORE “T8” PIN 1	$ 50000410 (OUT 57)
J4	2			AZ	0.20		CONNETTORE “T8” PIN 12	0V
J4	3			GR	0.20		CONNETTORE “T8” PIN 2	$ 50000411 (OUT 58)
J4	4			BL	0.20		CONNETTORE “T8” PIN 9	0V
J4	5			GI	0.20		CONNETTORE “T8” PIN 3	$ 50000412 (OUT 59)
J4	6							0V
J4	7			VE	0.20		CONNETTORE “T8” PIN 4	$ 50000413 (OUT 60)
J4	8							0V
J4	9			MA	0.20		CONNETTORE “T8” PIN 5	$ 50000414 (OUT 61)
J4	10							R-CN3
J4	11			NR	0.20		CONNETTORE “T8” PIN 6	$ 50000415 (OUT 62)
J4	12							0V
J4	13			RO	0.20		CONNETTORE “T8” PIN 7	$ 50000416 (OUT 63)
J4	14							0V
J4	15			VI	0.20		CONNETTORE “T8” PIN 8	$ 50000417 (OUT 64)
J4	16							0V

J1 = SEK 18 26 POLI J3 = MODU2 8X2 POLI
J2 = MODU2 8X2 POLI J4 = MODU2 8X2 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2845/1	Cliente: LONATI	Note: Per macchine FL626 – OT/CT	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M021_00.DOC	Nome foglio: M021_00	Data: 05/03/2002

CIRCUIT 2845/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J5	1			BI	0.20		CONNETTORE "T9" PIN 1	$ 50000418 (OUT 65)
J5	2			AZ	0.20		CONNETTORE "T9" PIN 12	0V
J5	3			GR	0.20		CONNETTORE "T9" PIN 2	$ 50000419 (OUT 66)
J5	4			BL	0.20		CONNETTORE "T9" PIN 9	0V
J5	5			GI	0.20		CONNETTORE "T9" PIN 3	$ 5000041A (OUT 67)
J5	6							0V
J5	7			VE	0.20		CONNETTORE "T9" PIN 4	$ 5000041B (OUT 68)
J5	8							0V
J5	9			MA	0.20		CONNETTORE "T9" PIN 5	$ 5000041C (OUT 69)
J5	10							R-CN4
J5	11			NR	0.20		CONNETTORE "T9" PIN 6	$ 5000041D (OUT 70)
J5	12							0V
J5	13			RO	0.20		CONNETTORE "T9" PIN 7	$ 5000041E (OUT 71)
J5	14							0V
J5	15			VI	0.20		CONNETTORE "T9" PIN 8	$ 5000041F (OUT 72)
J5	16							0V
J6	1							$ 50000420 (OUT 73)
J6	2							0V
J6	3							$ 50000421 (OUT 74)
J6	4							0V
J6	5							$ 50000422 (OUT 75)
J6	6							0V
J6	7							$ 50000423 (OUT 76)
J6	8							0V
J6	9							$ 50000424 (OUT 77)
J6	10							R-CN5
J6	11							$ 50000425 (OUT 78)
J6	12							0V
J6	13							$ 50000426 (OUT 79)
J6	14							0V
J6	15							$ 50000427 (OUT 80)
J6	16							0V
J7	1	CBL 506				SK 2844 CONN. J8 PIN 1		+48V
J7	2	CBL 506				SK 2844 CONN. J8 PIN 2		0V
J7	3	CBL 506				SK 2844 CONN. J8 PIN 3		0V
J7	4	CBL 506				SK 2844 CONN. J8 PIN 4		-48V

J4 = MODU2 8X2 POLI J6 = MODU2 8X2 POLI J8 = MODU1 4 POLI
J5 = MODU2 8X2 POLI J7 = MODU1 4 POLI J9 = SEK 18 26 POLI

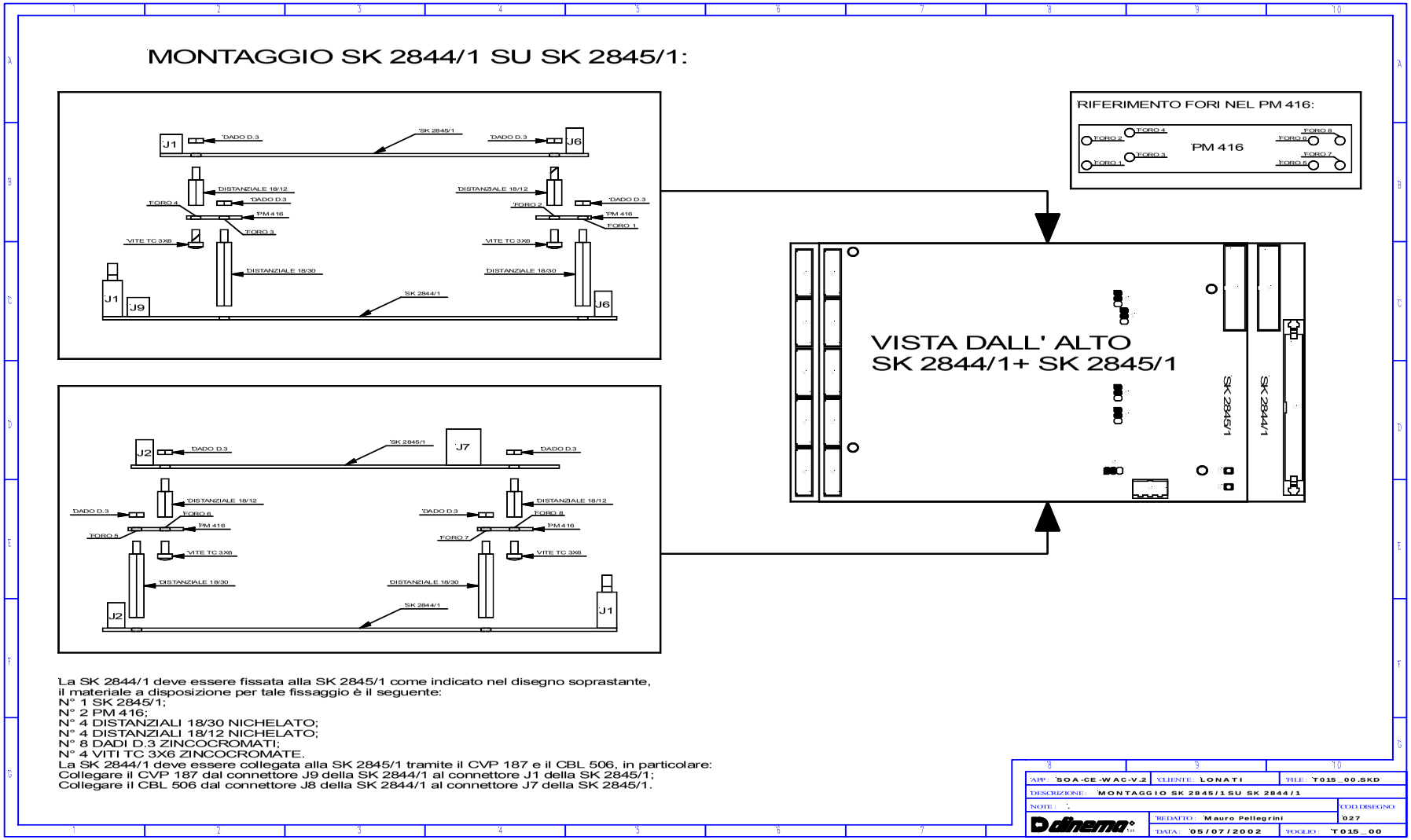
App: SOA-CE-WAC-V.2	Descrizione: CABLAGGI SCHEDA 2845/1		Cliente: LONATI	Note: Per macchine FL626 - OT/CT
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M022_00.DOC	Nome foglio: M022_00	Data: 05/07/2002

CIRCUIT 2845/1 MODULE 3

ALLARME CORTOCIRCUITO:				ALLARME CONNETTORE NON CONNESSO :			
INDIRIZZO	**DATO**	**SEGNALE**	**FUNZIONE**	**INDIRIZZO**	**DATO**	**SEGNALE**	**FUNZIONE**
$50000400	D0=0	ALL-GR1	ALLARME CORTOCIRCUITO GRUPPO USCITE 1-8 (CONN. J2)	$50000408	D0=1	ALL-CN1	ALLARME CABLAGGIO CONNETTORE J2 NON CONNESSO
$50000400	D1=0	ALL-GR2	ALLARME CORTOCIRCUITO GRUPPO USCITE 9-16 (CONN. J3)	$50000408	D1=1	ALL-CN2	ALLARME CABLAGGIO CONNETTORE J3 NON CONNESSO
$50000400	D2=0	ALL-GR3	ALLARME CORTOCIRCUITO GRUPPO USCITE 17-24 (CONN. J4)	$50000408	D2=1	ALL-CN3	ALLARME CABLAGGIO CONNETTORE J4 NON CONNESSO
$50000400	D3=0	ALL-GR4	ALLARME CORTOCIRCUITO GRUPPO USCITE 25-32 (CONN. J5)	$50000408	D3=1	ALL-CN4	ALLARME CABLAGGIO CONNETTORE J5 NON CONNESSO
$50000400	D4=0	ALL-GR5	ALLARME CORTOCIRCUITO GRUPPO USCITE 32-40 (CONN. J6)	$50000408	D4=1	ALL-CN5	ALLARME CABLAGGIO CONNETTORE J6 NON CONNESSO

App: SOA-CE-WAC-V.2	**Descrizione: CABLAGGI SCHEDA 2845/1**		**Cliente: LONATI**	**Note:**	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M023_00.DOC	Nome foglio: M023_00	Data: 05/07/2002

Assembly explanation Pcb 2845/1 on Pcb 2844/1

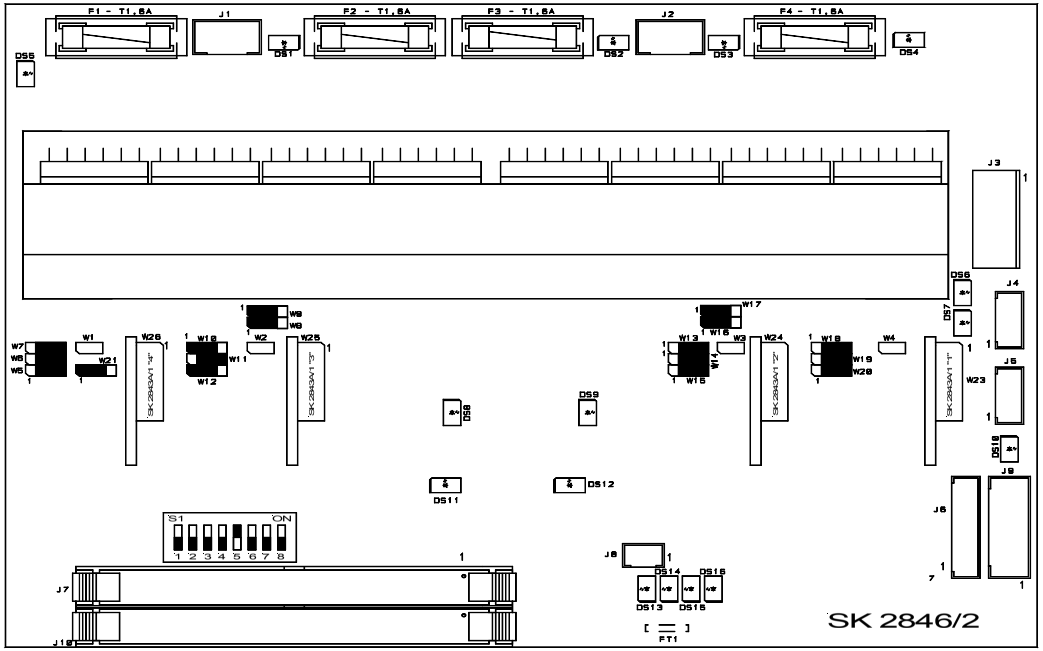


La SK 2844/1 deve essere fissata alla SK 2845/1 come indicato nel disegno soprastante,
il materiale a disposizione per tale fissaggio è il seguente:
N° 1 SK 2845/1;
N° 2 PM 416;
N° 4 DISTANZIALI 18/30 NICHELATO;
N° 4 DISTANZIALI 18/12 NICHELATO;
N° 8 DADI D.3 ZINCOCROMATI;
N° 4 VITI TC 3X6 ZINCOCROMATE.
La SK 2844/1 deve essere collegata alla SK 2845/1 tramite il CVP 187 e il CBL 506, in particolare:
Collegare il CVP 187 dal connettore J9 della SK 2844/1 al connettore J1 della SK 2845/1;
Collegare il CBL 506 dal connettore J8 della SK 2844/1 al connettore J7 della SK 2845/1.

APP: SOA-CE-WAC-V.2	CLIENTE: LONATI	FILE: T015_00.SKD
DESCRIZIONE: MONTAGGIO SK 2845/1 SU SK 2844/1		
NOTE:		COD.DISEGNO:
dinema	REDATTO: Mauro Pellegrini	027
	DATA: 05/07/2002	FOGLIO: T015_00

View and Connections of circuit 2846/2 + scheda 2843A/1

SK 2846/2 + 4 SK 2843A/1



SIGNIFICATO LED SK 2846/2:	
DS1-LED ROSSO	FUSIBILE F2 DANNEGGIATO
DS2-LED ROSSO	FUSIBILE F3 DANNEGGIATO
DS3-LED ROSSO	FUSIBILE F4 DANNEGGIATO
DS4-LED ROSSO	PRESENZA +36V
DS5-LED VERDE	FUSIBILE F1 DANNEGGIATO
DS6-LED VERDE	PRESENZA -15V
DS7-LED VERDE	PRESENZA +15V
DS8-LED VERDE	CLOCK MOTORE P-P NUMERO 3
DS9-LED ROSSO	CLOCK MOTORE P-P NUMERO 1
DS10-LED ROSSO	PRESENZA +24V
DS11-LED ROSSO	CLOCK MOTORE P-P NUMERO 4
DS12-LED ROSSO	CLOCK MOTORE P-P NUMERO 2
DS13-LED ROSSO	ENABLE MOTORE P-P NUMERO 1
DS14-LED ROSSO	ENABLE MOTORE P-P NUMERO 2
DS15-LED ROSSO	ENABLE MOTORE P-P NUMERO 3
DS16-LED ROSSO	ENABLE MOTORE P-P NUMERO 4

MOTORE P-P "1" - MOTORE ELASTICO 1
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

MOTORE P-P "2" - MOTORE ELASTICO 2
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

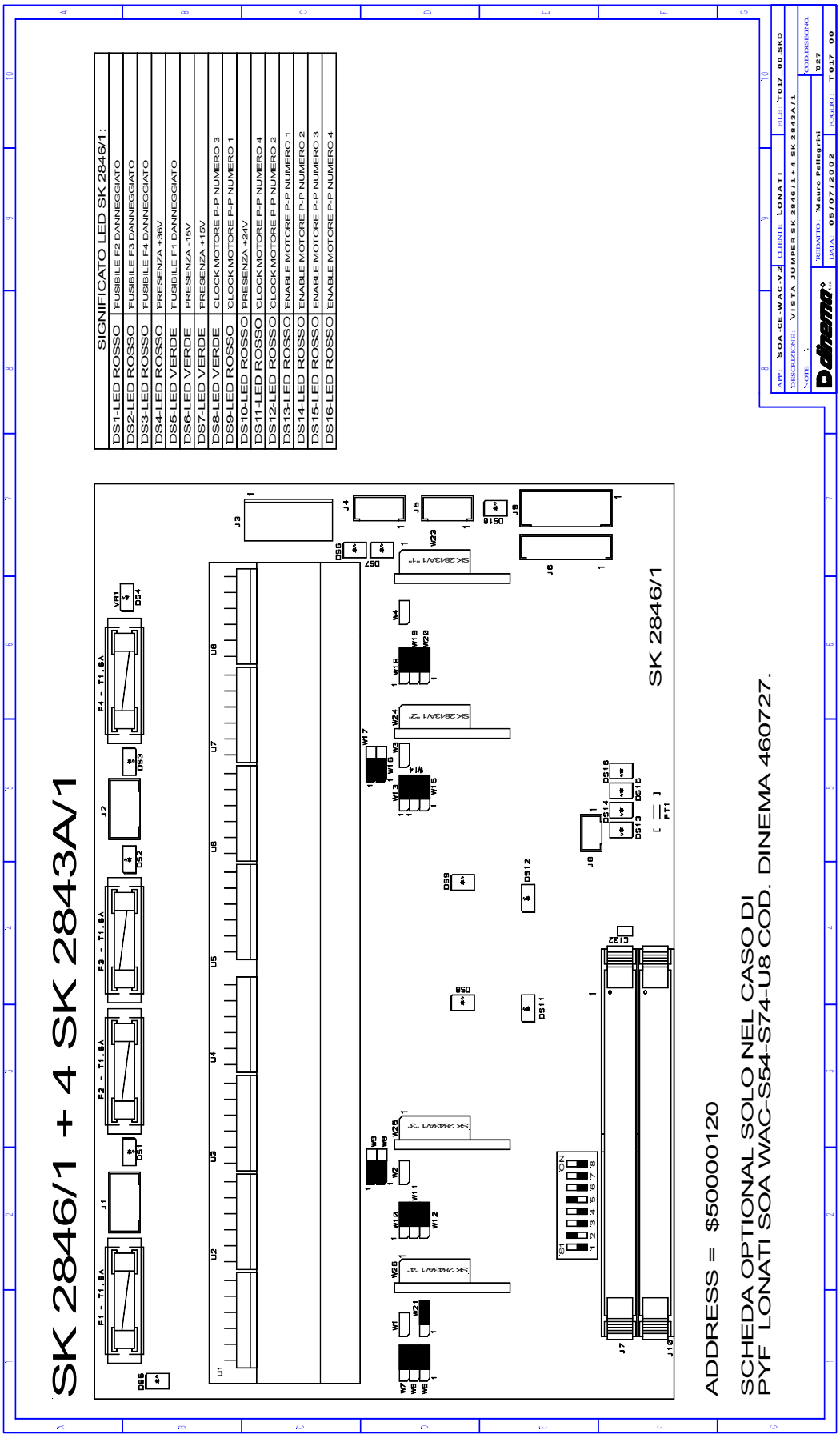
MOTORE P-P "3" - MOTORE ELASTICO CAD.1
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 0.9 Ampere
SPEED-UP: Inserito

MOTORE P-P "4" - MOTORE SEGHETTA
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

ADDRESS = $50000100
Sulle apparecchiature P.C. ad aria MOT. 1-2-3 motori elastico 1, elastico 2, elastico cad. 1, MOT. 4 motore seghetta.
Sulle apparecchiature P.C. ad aria MOT. 1-2-3 motori elastico 1, elastico 2, elastico cad. 1, MOT. 4 motore seghetta.

APP: SOA-CE-WAC-V.2	CLIENTE: LONATI	FILE: T016_00.SKD
DESCRIZIONE: VISTA JUMPER SK 2846/2 + 4 SK 2843A/1		
NOTE:		COD.DISEGNO: 027
Dinema	REDATTO: Mauro Pellegrini	
	DATA: 05/07/2002	FOGLIO: T016_00

View and Connections of circuit 2846/1(optional PYF)+ circuits 2843A/1



Connections of circuit 2846/2 + 4 Circuits MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 8		TERRA
J1	1			NR	0.35		CONN. "MOT. CAD.1" PIN 1	FASE A MOTORE 3
J1	2			AR	0.35		CONN. "MOT. CAD.1" PIN 2	FASE *A MOTORE 3
J1	3			RO	0.35		CONN. "MOT. CAD.1" PIN 3	FASE B MOTORE 3
J1	4			GI	0.35		CONN. "MOT. CAD.1" PIN 4	FASE *B MOTORE 3
J1	5			NR	0.35		CONN. "MOT. SEG." PIN 2	FASE A MOTORE 4
J1	6			AR	0.35		CONN. "MOT. SEG." PIN 1	FASE *A MOTORE 4
J1	7			RO	0.35		CONN. "MOT. SEG." PIN 3	FASE B MOTORE 4
J1	8			GI	0.35		CONN. "MOT. SEG." PIN 4	FASE *B MOTORE 4
J2	1			NR	0.35		CONN. "MOT. EL.1" PIN 1	FASE A MOTORE 1
J2	2			AR	0.35		CONN. "MOT. EL.1" PIN 2	FASE *A MOTORE 1
J2	3			RO	0.35		CONN. "MOT. EL.1" PIN 3	FASE B MOTORE 1
J2	4			GI	0.35		CONN. "MOT. EL.1" PIN 4	FASE *B MOTORE 1
J2	5			NR	0.35		CONN. "MOT. EL.2" PIN 1	FASE A MOTORE 2
J2	6			AR	0.35		CONN. "MOT. EL.2" PIN 2	FASE *A MOTORE 2
J2	7			RO	0.35		CONN. "MOT. EL.2" PIN 3	FASE B MOTORE 2
J2	8			GI	0.35		CONN. "MOT. EL.2" PIN 4	FASE *B MOTORE 2
J3	1			BL	0.75	SK 2751 CONN. J8 PIN 8		+36V
J3	2							+36V
J3	3							+36V
J3	4							0V
J3	5							0V
J3	6			BL	0.75	SK 2751 CONN. J8 PIN 4		0V
J4	1			BL	0.35	SK 2751 CONN. J3 PIN 3		+15V
J4	2			BL	0.35	SK 2751 CONN. J3 PIN 10		0V
J4	3			BL	0.35	SK 2751 CONN. J3 PIN 15		-15V
J4	4			BL	0.35	SK 2751 CONN. J3 PIN 12		0V
J5	1			BL	0.35	MORSETTO 4		+24V
J5	2			BL	0.35	MORSETTO 4		+24V
J5	3			BL	0.35	MORSETTO 8		0V
J5	4			BL	0.35	MORSETTO 8		0V
J6	1							STOP SENSORE FILO 1
J6	2							STOP SENSORE FILO 2
J6	3							STOP SENSORE FILO 3
J6	4							STOP SENSORE FILO 4
J6	5							STOP FINE ROCCA 1
J6	6							STOP FINE ROCCA 2
J6	7							STOP FINE ROCCA 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	8							STOP FINE ROCCA 4
J8	1							RIFERIMENTO VELOCITA' ESTERNO
J8	2							0V
J9	1							+24V
J9	2							0V
J9	3							+24V
J9	4							0V
J9	5							+24V
J9	6							0V
J9	7							+24V
J9	8							0V
J9	9							+24V
J9	10							0V
J9	11							+24V
J9	12							0V
J9	13							+24V
J9	14							0V
J9	15							+24V
J9	16							0V

J1 = MODU2 4X2 POLI J3 = MODU1 6 POLI J5 = MODU2 4 POLI J8 = MODU2 2 POLI
J2 = MODU2 4X2 POLI J4 = MODU2 4 POLI J6 = MODU2 8 POLI J9 = MODU2 8X2 POLI

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGIO SK 2846/2 + 4 SK 2843A/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M026_00.DOC	Nome foglio: M026_00	Data: 05/07/2002

CIRCUIT 2846/2 + 4 CIRCUITS 2843A/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1	CVP 203				SK 2844 CONN. J1 PIN 1		0V
J7	2	CVP 203				SK 2844 CONN. J1 PIN 2		0V
J7	3	CVP 203				SK 2844 CONN. J1 PIN 3		D1
J7	4	CVP 203				SK 2844 CONN. J1 PIN 4		D0
J7	5	CVP 203				SK 2844 CONN. J1 PIN 5		D3
J7	6	CVP 203				SK 2844 CONN. J1 PIN 6		D2
J7	7	CVP 203				SK 2844 CONN. J1 PIN 7		D5
J7	8	CVP 203				SK 2844 CONN. J1 PIN 8		D4
J7	9	CVP 203				SK 2844 CONN. J1 PIN 9		D7
J7	10	CVP 203				SK 2844 CONN. J1 PIN 10		D6
J7	11	CVP 203				SK 2844 CONN. J1 PIN 11		0V
J7	12	CVP 203				SK 2844 CONN. J1 PIN 12		0V
J7	13	CVP 203				SK 2844 CONN. J1 PIN 13		A1
J7	14	CVP 203				SK 2844 CONN. J1 PIN 14		A0
J7	15	CVP 203				SK 2844 CONN. J1 PIN 15		A3
J7	16	CVP 203				SK 2844 CONN. J1 PIN 16		A2
J7	17	CVP 203				SK 2844 CONN. J1 PIN 17		A5
J7	18	CVP 203				SK 2844 CONN. J1 PIN 18		A4
J7	19	CVP 203				SK 2844 CONN. J1 PIN 19		A7
J7	20	CVP 203				SK 2844 CONN. J1 PIN 20		A6
J7	21	CVP 203				SK 2844 CONN. J1 PIN 21		A9
J7	22	CVP 203				SK 2844 CONN. J1 PIN 22		A8
J7	23	CVP 203				SK 2844 CONN. J1 PIN 23		A11
J7	24	CVP 203				SK 2844 CONN. J1 PIN 24		A10
J7	25	CVP 203				SK 2844 CONN. J1 PIN 25		A13
J7	26	CVP 203				SK 2844 CONN. J1 PIN 26		A12
J7	27	CVP 203				SK 2844 CONN. J1 PIN 27		A15
J7	28	CVP 203				SK 2844 CONN. J1 PIN 28		A14
J7	29	CVP 203				SK 2844 CONN. J1 PIN 29		0V
J7	30	CVP 203				SK 2844 CONN. J1 PIN 30		0V
J7	31	CVP 203				SK 2844 CONN. J1 PIN 31		*RD
J7	32	CVP 203				SK 2844 CONN. J1 PIN 32		R/*W
J7	33	CVP 203				SK 2844 CONN. J1 PIN 33		*INT
J7	34	CVP 203				SK 2844 CONN. J1 PIN 34		*WD
J7	35	CVP 203				SK 2844 CONN. J1 PIN 35		*VPA
J7	36	CVP 203				SK 2844 CONN. J1 PIN 36		*BUSY
J7	37	CVP 203				SK 2844 CONN. J1 PIN 37		VBATT
J7	38	CVP 203				SK 2844 CONN. J1 PIN 38		*RESET
J7	39	CVP 203				SK 2844 CONN. J1 PIN 39		RUN
J7	40	CVP 203				SK 2844 CONN. J1 PIN 40		OK
J7	41	CVP 203				SK 2844 CONN. J1 PIN 41		0V
J7	42	CVP 203				SK 2844 CONN. J1 PIN 42		SCK
J7	43	CVP 203				SK 2844 CONN. J1 PIN 43		+5V
J7	44	CVP 203				SK 2844 CONN. J1 PIN 44		SD

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	45	CVP 203				SK 2844 CONN. J1 PIN 45		+5V
J7	46	CVP 203				SK 2844 CONN. J1 PIN 46		SO
J7	47	CVP 203				SK 2844 CONN. J1 PIN 47		+5V
J7	48	CVP 203				SK 2844 CONN. J1 PIN 48		FASE A
J7	49	CVP 203				SK 2844 CONN. J1 PIN 49		+5V
J7	50	CVP 203				SK 2844 CONN. J1 PIN 50		FASE B
W23	1					SK 2843 “1” JUMPER W1 PIN 1		R_RMP
W23	2					SK 2843 “1” JUMPER W1 PIN 2		IN_RMP
W23	3					SK 2843 “1” JUMPER W1 PIN 3		0V
W23	4					SK 2843 “1” JUMPER W1 PIN 4		C_VCO
W23	5					SK 2843 “1” JUMPER W1 PIN 5		CC_VCO
W23	6					SK 2843 “1” JUMPER W1 PIN 6		CKMP1
W23	7					SK 2843 “1” JUMPER W1 PIN 7		+5V
W23	8					SK 2843 “1” JUMPER W1 PIN 8		+15V
W23	9					SK 2843 “1” JUMPER W1 PIN 9		-15V
W23	10					SK 2843 “1” JUMPER W1 PIN 10		EN1
W23	11					SK 2843 “1” JUMPER W1 PIN 11		IN_VCO
W23	12					SK 2843 “1” JUMPER W1 PIN 12		0V
W23	13					SK 2843 “1” JUMPER W1 PIN 13		OUT_RMP
W23	14					SK 2843 “1” JUMPER W1 PIN 14		C_RMP
W24	1					SK 2843 “2” JUMPER W1 PIN 1		R_RMP
W24	2					SK 2843 “2” JUMPER W1 PIN 2		IN_RMP
W24	3					SK 2843 “2” JUMPER W1 PIN 3		0V
W24	4					SK 2843 “2” JUMPER W1 PIN 4		C_VCO
W24	5					SK 2843 “2” JUMPER W1 PIN 5		CC_VCO
W24	6					SK 2843 “2” JUMPER W1 PIN 6		CKMP2
W24	7					SK 2843 “2” JUMPER W1 PIN 7		+5V
W24	8					SK 2843 “2” JUMPER W1 PIN 8		+15V
W24	9					SK 2843 “2” JUMPER W1 PIN 9		-15V
W24	10					SK 2843 “2” JUMPER W1 PIN 10		EN2
W24	11					SK 2843 “2” JUMPER W1 PIN 11		IN_VCO
W24	12					SK 2843 “2” JUMPER W1 PIN 12		0V
W24	13					SK 2843 “2” JUMPER W1 PIN 13		OUT_RMP
W24	14					SK 2843 “2” JUMPER W1 PIN 14		C_RMP

J7 = SEK18 50 POLI W23 = JUMPER 7X2 POLI FEMMINA TULIPANO W24 = JUMPER 7X2 POLI FEMMINA TULIPANO

App: SOA-CE-WAC-V.2	**Descrizione: CABLAGGIO SK 2846/2 + 4 SK 2843A/1**	**Cliente: LONATI**	**Note:**
Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M027_00.DOC**	**Nome foglio: M027_00** / **Data: 05/07/2002**

CIRCUIT 2846/2 + 4 CIRCUITS 2843A/1 MODULE 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1	CVP 181				SK 2846/1 CONN. J7 PIN 1		0V
J10	2	CVP 181				SK 2846/1 CONN. J7 PIN 2		0V
J10	3	CVP 181				SK 2846/1 CONN. J7 PIN 3		D1
J10	4	CVP 181				SK 2846/1 CONN. J7 PIN 4		D0
J10	5	CVP 181				SK 2846/1 CONN. J7 PIN 5		D3
J10	6	CVP 181				SK 2846/1 CONN. J7 PIN 6		D2
J10	7	CVP 181				SK 2846/1 CONN. J7 PIN 7		D5
J10	8	CVP 181				SK 2846/1 CONN. J7 PIN 8		D4
J10	9	CVP 181				SK 2846/1 CONN. J7 PIN 9		D7
J10	10	CVP 181				SK 2846/1 CONN. J7 PIN 10		D6
J10	11	CVP 181				SK 2846/1 CONN. J7 PIN 11		0V
J10	12	CVP 181				SK 2846/1 CONN. J7 PIN 12		0V
J10	13	CVP 181				SK 2846/1 CONN. J7 PIN 13		A1
J10	14	CVP 181				SK 2846/1 CONN. J7 PIN 14		A0
J10	15	CVP 181				SK 2846/1 CONN. J7 PIN 15		A3
J10	16	CVP 181				SK 2846/1 CONN. J7 PIN 16		A2
J10	17	CVP 181				SK 2846/1 CONN. J7 PIN 17		A5
J10	18	CVP 181				SK 2846/1 CONN. J7 PIN 18		A4
J10	19	CVP 181				SK 2846/1 CONN. J7 PIN 19		A7
J10	20	CVP 181				SK 2846/1 CONN. J7 PIN 20		A6
J10	21	CVP 181				SK 2846/1 CONN. J7 PIN 21		A9
J10	22	CVP 181				SK 2846/1 CONN. J7 PIN 22		A8
J10	23	CVP 181				SK 2846/1 CONN. J7 PIN 23		A11
J10	24	CVP 181				SK 2846/1 CONN. J7 PIN 24		A10
J10	25	CVP 181				SK 2846/1 CONN. J7 PIN 25		A13
J10	26	CVP 181				SK 2846/1 CONN. J7 PIN 26		A12
J10	27	CVP 181				SK 2846/1 CONN. J7 PIN 27		A15
J10	28	CVP 181				SK 2846/1 CONN. J7 PIN 28		A14
J10	29	CVP 181				SK 2846/1 CONN. J7 PIN 29		0V
J10	30	CVP 181				SK 2846/1 CONN. J7 PIN 30		0V
J10	31	CVP 181				SK 2846/1 CONN. J7 PIN 31		*RD
J10	32	CVP 181				SK 2846/1 CONN. J7 PIN 32		R/*W
J10	33	CVP 181				SK 2846/1 CONN. J7 PIN 33		*INT
J10	34	CVP 181				SK 2846/1 CONN. J7 PIN 34		*WD
J10	35	CVP 181				SK 2846/1 CONN. J7 PIN 35		*VPA
J10	36	CVP 181				SK 2846/1 CONN. J7 PIN 36		*BUSY
J10	37	CVP 181				SK 2846/1 CONN. J7 PIN 37		VBATT
J10	38	CVP 181				SK 2846/1 CONN. J7 PIN 38		*RESET
J10	39	CVP 181				SK 2846/1 CONN. J7 PIN 39		RUN
J10	40	CVP 181				SK 2846/1 CONN. J7 PIN 40		OK
J10	41	CVP 181				SK 2846/1 CONN. J7 PIN 41		0V
J10	42	CVP 181				SK 2846/1 CONN. J7 PIN 42		SCK
J10	43	CVP 181				SK 2846/1 CONN. J7 PIN 43		+5V
J10	44	CVP 181				SK 2846/1 CONN. J7 PIN 44		SD

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	45	CVP 181				SK 2846/1 CONN. J7 PIN 45		+5V
J10	46	CVP 181				SK 2846/1 CONN. J7 PIN 46		SO
J10	47	CVP 181				SK 2846/1 CONN. J7 PIN 47		+5V
J10	48	CVP 181				SK 2846/1 CONN. J7 PIN 48		FASE A
J10	49	CVP 181				SK 2846/1 CONN. J7 PIN 49		+5V
J10	50	CVP 181				SK 2846/1 CONN. J7 PIN 50		FASE B
W25	1					SK 2843 “3” JUMPER W1 PIN 1		R_RMP
W25	2					SK 2843 “3” JUMPER W1 PIN 2		IN_RMP
W25	3					SK 2843 “3” JUMPER W1 PIN 3		0V
W25	4					SK 2843 “3” JUMPER W1 PIN 4		C_VCO
W25	5					SK 2843 “3” JUMPER W1 PIN 5		CC_VCO
W25	6					SK 2843 “3” JUMPER W1 PIN 6		CKMP3
W25	7					SK 2843 “3” JUMPER W1 PIN 7		+5V
W25	8					SK 2843 “3” JUMPER W1 PIN 8		+15V
W25	9					SK 2843 “3” JUMPER W1 PIN 9		-15V
W25	10					SK 2843 “3” JUMPER W1 PIN 10		EN3
W25	11					SK 2843 “3” JUMPER W1 PIN 11		IN_VCO
W25	12					SK 2843 “3” JUMPER W1 PIN 12		0V
W25	13					SK 2843 “3” JUMPER W1 PIN 13		OUT_RMP
W25	14					SK 2843 “3” JUMPER W1 PIN 14		C_RMP
W26	1					SK 2843 “4” JUMPER W1 PIN 1		R_RMP
W26	2					SK 2843 “4” JUMPER W1 PIN 2		IN_RMP
W26	3					SK 2843 “4” JUMPER W1 PIN 3		0V
W26	4					SK 2843 “4” JUMPER W1 PIN 4		C_VCO
W26	5					SK 2843 “4” JUMPER W1 PIN 5		CC_VCO
W26	6					SK 2843 “4” JUMPER W1 PIN 6		CKMP4
W26	7					SK 2843 “4” JUMPER W1 PIN 7		+5V
W26	8					SK 2843 “4” JUMPER W1 PIN 8		+15V
W26	9					SK 2843 “4” JUMPER W1 PIN 9		-15V
W26	10					SK 2843 “4” JUMPER W1 PIN 10		EN4
W26	11					SK 2843 “4” JUMPER W1 PIN 11		IN_VCO
W26	12					SK 2843 “4” JUMPER W1 PIN 12		0V
W26	13					SK 2843 “4” JUMPER W1 PIN 13		OUT_RMP
W26	14					SK 2843 “4” JUMPER W1 PIN 14		C_RMP

J10 = MODU2 8X2 POLI W25 = JUMPER 7X2 POLI FEMMINA TULIPANO W26 = JUMPER 7X2 POLI FEMMINA TULIPANO

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGIO SK 2846/2 + 4 SK 2843A/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M028_00.DOC	Nome foglio: M028_00	Data: 05/07/2002

Connections of circuit 2846/1 + 4 CIRCUITS 2843A/1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "2" VITE 6		TERRA
J1	1	CBL 409					AL MOTORE PYF CADUTA-3	FASE A MOTORE 3
J1	2	CBL 409					AL MOTORE PYF CADUTA-3	FASE *A MOTORE 3
J1	3	CBL 409					AL MOTORE PYF CADUTA-3	FASE B MOTORE 3
J1	4	CBL 409					AL MOTORE PYF CADUTA-3	FASE *B MOTORE 3
J1	5	CBL 409					AL MOTORE PYF CADUTA-4	FASE A MOTORE 4
J1	6	CBL 409					AL MOTORE PYF CADUTA-4	FASE *A MOTORE 4
J1	7	CBL 409					AL MOTORE PYF CADUTA-4	FASE B MOTORE 4
J1	8	CBL 409					AL MOTORE PYF CADUTA-4	FASE *B MOTORE 4
J2	1	CBL 409					AL MOTORE PYF CADUTA-1	FASE A MOTORE 1
J2	2	CBL 409					AL MOTORE PYF CADUTA-1	FASE *A MOTORE 1
J2	3	CBL 409					AL MOTORE PYF CADUTA-1	FASE B MOTORE 1
J2	4	CBL 409					AL MOTORE PYF CADUTA-1	FASE *B MOTORE 1
J2	5	CBL 409					AL MOTORE PYF CADUTA-2	FASE A MOTORE 2
J2	6	CBL 409					AL MOTORE PYF CADUTA-2	FASE *A MOTORE 2
J2	7	CBL 409					AL MOTORE PYF CADUTA-2	FASE B MOTORE 2
J2	8	CBL 409					AL MOTORE PYF CADUTA-2	FASE *B MOTORE 2
J3	1			BL	0.75	SK 2751 CONN. J8 PIN 7		+36V
J3	2							+36V
J3	3							+36V
J3	4							0V
J3	5							0V
J3	6			BL	0.75	SK 2751 CONN. J8 PIN 3		0V
J4	1			BL	0.35	SK 2751 CONN. J3 PIN 2		+15V
J4	2			BL	0.35	SK 2751 CONN. J3 PIN 9		0V
J4	3			BL	0.35	SK 2751 CONN. J3 PIN 14		-15V
J4	4			BL	0.35	SK 2751 CONN. J3 PIN 11		0V
J5	1			BL	0.35	MORSETTO 4		+24V
J5	2			BL	0.35	MORSETTO 4		+24V
J5	3			BL	0.35	MORSETTO 8		0V
J5	4			BL	0.35	MORSETTO 8		0V
J6	1							STOP SENSORE FILO 1
J6	2							STOP SENSORE FILO 2
J6	3							STOP SENSORE FILO 3
J6	4							STOP SENSORE FILO 4
J6	5							STOP FINE ROCCA 1
J6	6							STOP FINE ROCCA 2
J6	7							STOP FINE ROCCA 3

MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	8							STOP FINE ROCCA 4
J8	1							RIFERIMENTO VELOCITA' ESTERNO
J8	2							0V
J9	1							+24V
J9	2							0V
J9	3							+24V
J9	4							0V
J9	5							+24V
J9	6							0V
J9	7							+24V
J9	8							0V
J9	9							+24V
J9	10							0V
J9	11							+24V
J9	12							0V
J9	13							+24V
J9	14							0V
J9	15							+24V
J9	16							0V

J1 = MODU2 4X2 POLI J3 = MODU1 6 POLI J5 = MODU2 4 POLI J8 = MODU2 2 POLI
J2 = MODU2 4X2 POLI J4 = MODU2 4 POLI J6 = MODU2 8 POLI J9 = MODU2 8X2 POLIx

App: SOA-CE-WAC-V.2	**Descrizione: CABLAGGIO SK 2846/1 + 4 SK 2843A/1**	**Cliente: LONATI**	**Note: SCHEDE OPTIONAL**
Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M029_00.DOC**	**Nome foglio: M029_00**
Data: 05/07/2002			

CIRCUIT 2846/1 + 4 SCHEDE 2843A/1 MODULE 2 (OPTIONAL)

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE	CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1	CVP 181				SK 2846/2 CONN. J10 PIN 1		0V	J7	45	CVP 181				SK 2846/2 CONN. J10 PIN 45		+5V
J7	2	CVP 181				SK 2846/2 CONN. J10 PIN 2		0V	J7	46	CVP 181				SK 2846/2 CONN. J10 PIN 46		SO
J7	3	CVP 181				SK 2846/2 CONN. J10 PIN 3		D1	J7	47	CVP 181				SK 2846/2 CONN. J10 PIN 47		+5V
J7	4	CVP 181				SK 2846/2 CONN. J10 PIN 4		D0	J7	48	CVP 181				SK 2846/2 CONN. J10 PIN 48		FASE A
J7	5	CVP 181				SK 2846/2 CONN. J10 PIN 5		D3	J7	49	CVP 181				SK 2846/2 CONN. J10 PIN 49		+5V
J7	6	CVP 181				SK 2846/2 CONN. J10 PIN 6		D2	J7	50	CVP 181				SK 2846/2 CONN. J10 PIN 50		FASE B
J7	7	CVP 181				SK 2846/2 CONN. J10 PIN 7		D5									
J7	8	CVP 181				SK 2846/2 CONN. J10 PIN 8		D4	W23	1					SK 2843 “1” JUMPER W1 PIN 1		R_RMP
J7	9	CVP 181				SK 2846/2 CONN. J10 PIN 9		D7	W23	2					SK 2843 “1” JUMPER W1 PIN 2		IN_RMP
J7	10	CVP 181				SK 2846/2 CONN. J10 PIN 10		D6	W23	3					SK 2843 “1” JUMPER W1 PIN 3		0V
J7	11	CVP 181				SK 2846/2 CONN. J10 PIN 11		0V	W23	4					SK 2843 “1” JUMPER W1 PIN 4		C_VCO
J7	12	CVP 181				SK 2846/2 CONN. J10 PIN 12		0V	W23	5					SK 2843 “1” JUMPER W1 PIN 5		CC_VCO
J7	13	CVP 181				SK 2846/2 CONN. J10 PIN 13		A1	W23	6					SK 2843 “1” JUMPER W1 PIN 6		CKMP1
J7	14	CVP 181				SK 2846/2 CONN. J10 PIN 14		A0	W23	7					SK 2843 “1” JUMPER W1 PIN 7		+5V
J7	15	CVP 181				SK 2846/2 CONN. J10 PIN 15		A3	W23	8					SK 2843 “1” JUMPER W1 PIN 8		+15V
J7	16	CVP 181				SK 2846/2 CONN. J10 PIN 16		A2	W23	9					SK 2843 “1” JUMPER W1 PIN 9		-15V
J7	17	CVP 181				SK 2846/2 CONN. J10 PIN 17		A5	W23	10					SK 2843 “1” JUMPER W1 PIN 10		EN1
J7	18	CVP 181				SK 2846/2 CONN. J10 PIN 18		A4	W23	11					SK 2843 “1” JUMPER W1 PIN 11		IN_VCO
J7	19	CVP 181				SK 2846/2 CONN. J10 PIN 19		A7	W23	12					SK 2843 “1” JUMPER W1 PIN 12		0V
J7	20	CVP 181				SK 2846/2 CONN. J10 PIN 20		A6	W23	13					SK 2843 “1” JUMPER W1 PIN 13		OUT_RMP
J7	21	CVP 181				SK 2846/2 CONN. J10 PIN 21		A9	W23	14					SK 2843 “1” JUMPER W1 PIN 14		C_RMP
J7	22	CVP 181				SK 2846/2 CONN. J10 PIN 22		A8									
J7	23	CVP 181				SK 2846/2 CONN. J10 PIN 23		A11	W24	1					SK 2843 “2” JUMPER W1 PIN 1		R_RMP
J7	24	CVP 181				SK 2846/2 CONN. J10 PIN 24		A10	W24	2					SK 2843 “2” JUMPER W1 PIN 2		IN_RMP
J7	25	CVP 181				SK 2846/2 CONN. J10 PIN 25		A13	W24	3					SK 2843 “2” JUMPER W1 PIN 3		0V
J7	26	CVP 181				SK 2846/2 CONN. J10 PIN 26		A12	W24	4					SK 2843 “2” JUMPER W1 PIN 4		C_VCO
J7	27	CVP 181				SK 2846/2 CONN. J10 PIN 27		A15	W24	5					SK 2843 “2” JUMPER W1 PIN 5		CC_VCO
J7	28	CVP 181				SK 2846/2 CONN. J10 PIN 28		A14	W24	6					SK 2843 “2” JUMPER W1 PIN 6		CKMP2
J7	29	CVP 181				SK 2846/2 CONN. J10 PIN 29		0V	W24	7					SK 2843 “2” JUMPER W1 PIN 7		+5V
J7	30	CVP 181				SK 2846/2 CONN. J10 PIN 30		0V	W24	8					SK 2843 “2” JUMPER W1 PIN 8		+15V
J7	31	CVP 181				SK 2846/2 CONN. J10 PIN 31		*RD	W24	9					SK 2843 “2” JUMPER W1 PIN 9		-15V
J7	32	CVP 181				SK 2846/2 CONN. J10 PIN 32		R/*W	W24	10					SK 2843 “2” JUMPER W1 PIN 10		EN2
J7	33	CVP 181				SK 2846/2 CONN. J10 PIN 33		*INT	W24	11					SK 2843 “2” JUMPER W1 PIN 11		IN_VCO
J7	34	CVP 181				SK 2846/2 CONN. J10 PIN 34		*WD	W24	12					SK 2843 “2” JUMPER W1 PIN 12		0V
J7	35	CVP 181				SK 2846/2 CONN. J10 PIN 35		*VPA	W24	13					SK 2843 “2” JUMPER W1 PIN 13		OUT_RMP
J7	36	CVP 181				SK 2846/2 CONN. J10 PIN 36		*BUSY	W24	14					SK 2843 “2” JUMPER W1 PIN 14		C_RMP
J7	37	CVP 181				SK 2846/2 CONN. J10 PIN 37		VBATT									
J7	38	CVP 181				SK 2846/2 CONN. J10 PIN 38		*RESET									
J7	39	CVP 181				SK 2846/2 CONN. J10 PIN 39		RUN									
J7	40	CVP 181				SK 2846/2 CONN. J10 PIN 40		OK									
J7	41	CVP 181				SK 2846/2 CONN. J10 PIN 41		0V									
J7	42	CVP 181				SK 2846/2 CONN. J10 PIN 42		SCK									
J7	43	CVP 181				SK 2846/2 CONN. J10 PIN 43		+5V									
J7	44	CVP 181				SK 2846/2 CONN. J10 PIN 44		SD									

J7 = SEK18 50 POLI W23 = JUMPER 7X2 POLI FEMMINA TULIPANO W24 = JUMPER 7X2 POLI FEMMINA TULIPANO

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGIO SK 2846/1 + 4 SK 2843A/1	Cliente: LONATI	Note: SCHEDE OPTIONAL	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M030_00.DOC	Nome foglio: M030_00	Data: 05/07/2002

CIRCUIT 2846/1 + 4 CIRCUITS 2843A/1 MODULE 3 (OPTIONAL)

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							0V
J10	2							0V
J10	3							D1
J10	4							D0
J10	5							D3
J10	6							D2
J10	7							D5
J10	8							D4
J10	9							D7
J10	10							D6
J10	11							0V
J10	12							0V
J10	13							A1
J10	14							A0
J10	15							A3
J10	16							A2
J10	17							A5
J10	18							A4
J10	19							A7
J10	20							A6
J10	21							A9
J10	22							A8
J10	23							A11
J10	24							A10
J10	25							A13
J10	26							A12
J10	27							A15
J10	28							A14
J10	29							0V
J10	30							0V
J10	31							*RD
J10	32							R/*W
J10	33							*INT
J10	34							*WD
J10	35							*VPA
J10	36							*BUSY
J10	37							VBATT
J10	38							*RESET
J10	39							RUN
J10	40							OK
J10	41							0V
J10	42							SCK
J10	43							+5V
J10	44							SD

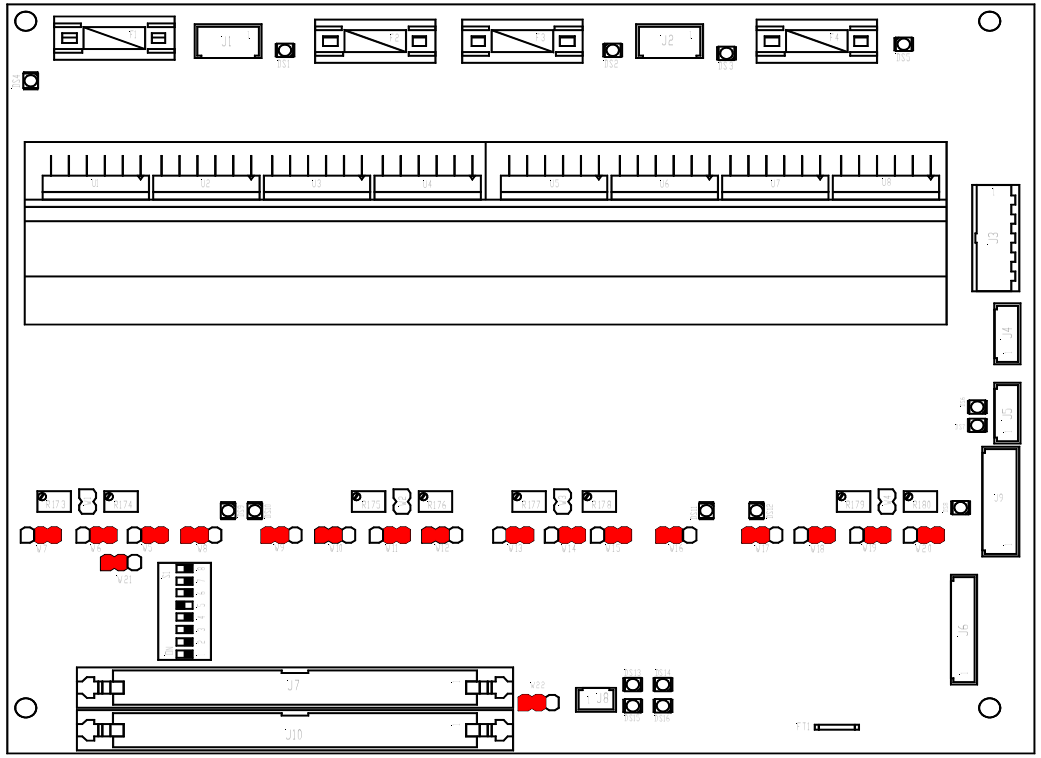
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	45							+5V
J10	46							SO
J10	47							+5V
J10	48							FASE A
J10	49							+5V
J10	50							FASE B
W25	1					SK 2843 “3” JUMPER W1 PIN 1		R_RMP
W25	2					SK 2843 “3” JUMPER W1 PIN 2		IN_RMP
W25	3					SK 2843 “3” JUMPER W1 PIN 3		0V
W25	4					SK 2843 “3” JUMPER W1 PIN 4		C_VCO
W25	5					SK 2843 “3” JUMPER W1 PIN 5		CC_VCO
W25	6					SK 2843 “3” JUMPER W1 PIN 6		CKMP3
W25	7					SK 2843 “3” JUMPER W1 PIN 7		+5V
W25	8					SK 2843 “3” JUMPER W1 PIN 8		+15V
W25	9					SK 2843 “3” JUMPER W1 PIN 9		-15V
W25	10					SK 2843 “3” JUMPER W1 PIN 10		EN3
W25	11					SK 2843 “3” JUMPER W1 PIN 11		IN_VCO
W25	12					SK 2843 “3” JUMPER W1 PIN 12		0V
W25	13					SK 2843 “3” JUMPER W1 PIN 13		OUT_RMP
W25	14					SK 2843 “3” JUMPER W1 PIN 14		C_RMP
W26	1					SK 2843 “4” JUMPER W1 PIN 1		R_RMP
W26	2					SK 2843 “4” JUMPER W1 PIN 2		IN_RMP
W26	3					SK 2843 “4” JUMPER W1 PIN 3		0V
W26	4					SK 2843 “4” JUMPER W1 PIN 4		C_VCO
W26	5					SK 2843 “4” JUMPER W1 PIN 5		CC_VCO
W26	6					SK 2843 “4” JUMPER W1 PIN 6		CKMP4
W26	7					SK 2843 “4” JUMPER W1 PIN 7		+5V
W26	8					SK 2843 “4” JUMPER W1 PIN 8		+15V
W26	9					SK 2843 “4” JUMPER W1 PIN 9		-15V
W26	10					SK 2843 “4” JUMPER W1 PIN 10		EN4
W26	11					SK 2843 “4” JUMPER W1 PIN 11		IN_VCO
W26	12					SK 2843 “4” JUMPER W1 PIN 12		0V
W26	13					SK 2843 “4” JUMPER W1 PIN 13		OUT_RMP
W26	14					SK 2843 “4” JUMPER W1 PIN 14		C_RMP

J10 = MODU2 8X2 POLI W25 = JUMPER 7X2 POLI FEMMINA TULIPANO W26 = JUMPER 7X2 POLI FEMMINA TULIPANO

App: SOA-CE-WAC-V.2	Descrizione: CABLAGGIO SK 2846/1 + 4 SK 2843A/1		Cliente: LONATI	Note: SCHEDE OPTIONAL
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M031_00.DOC	Nome foglio: M031_00	Data: 05/07/2002

View and Connections of circuit 2729B/2 "A"

SK 2729B/2 "A"



MOTORE P-P "1" - MOTORE ELASTICO 1
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

MOTORE P-P "2" - MOTORE ELASTICO 2
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

MOTORE P-P "3" - MOTORE ELASTICO CAD.1
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 0.9 Ampere
SPEED-UP: Inserito

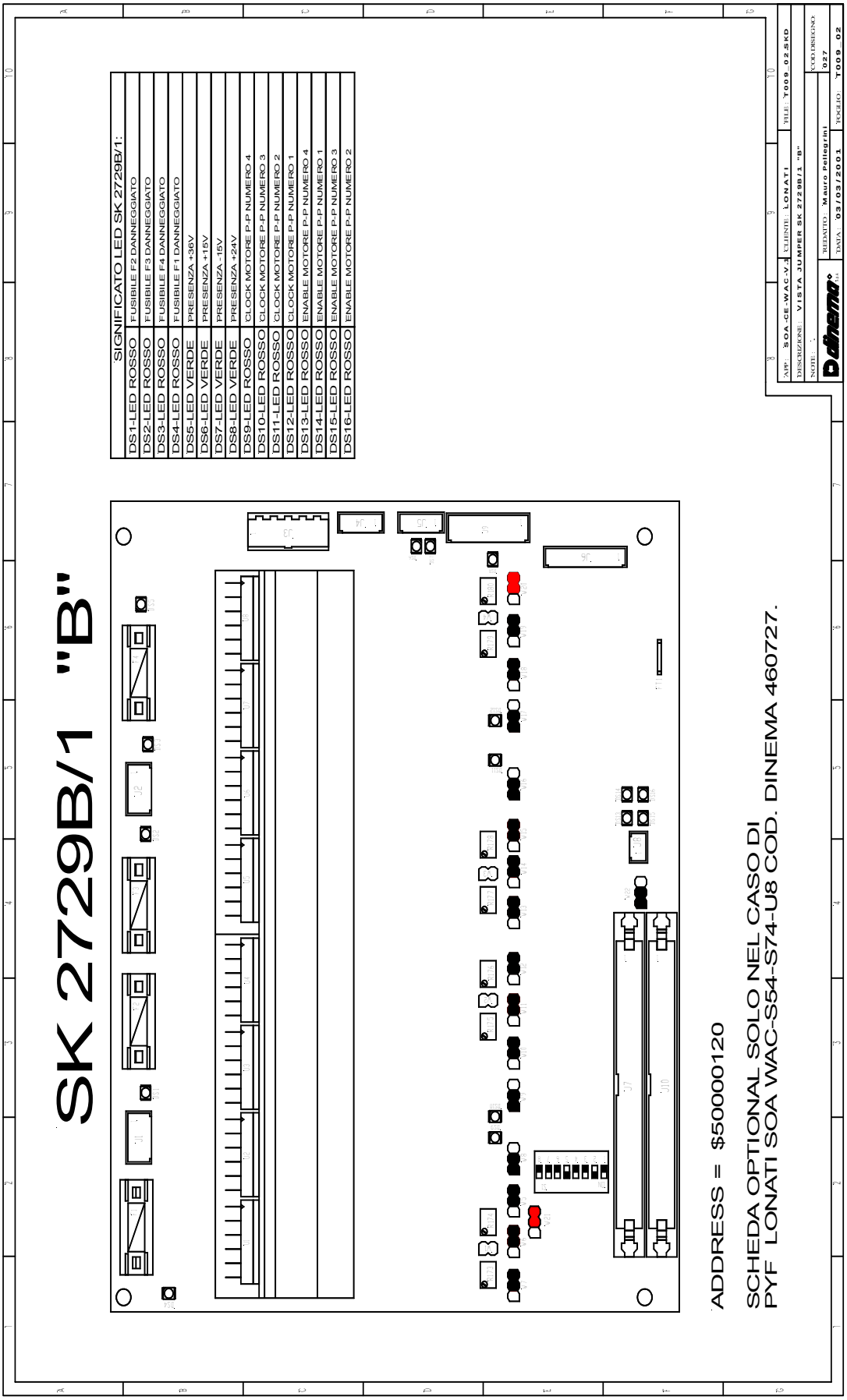
MOTORE P-P "4" - MOTORE SEGHETTA
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

SIGNIFICATO LED SK 2729B/2:	
DS1-LED ROSSO	FUSIBILE F2 DANNEGGIATO
DS2-LED ROSSO	FUSIBILE F3 DANNEGGIATO
DS3-LED ROSSO	FUSIBILE F4 DANNEGGIATO
DS4-LED ROSSO	FUSIBILE F1 DANNEGGIATO
DS5-LED VERDE	PRESENZA +36V
DS6-LED VERDE	PRESENZA +15V
DS7-LED VERDE	PRESENZA -15V
DS8-LED VERDE	PRESENZA +24V
DS9-LED ROSSO	CLOCK MOTORE P-P NUMERO 4
DS10-LED ROSSO	CLOCK MOTORE P-P NUMERO 3
DS11-LED ROSSO	CLOCK MOTORE P-P NUMERO 2
DS12-LED ROSSO	CLOCK MOTORE P-P NUMERO 1
DS13-LED ROSSO	ENABLE MOTORE P-P NUMERO 4
DS14-LED ROSSO	ENABLE MOTORE P-P NUMERO 1
DS15-LED ROSSO	ENABLE MOTORE P-P NUMERO 3
DS16-LED ROSSO	ENABLE MOTORE P-P NUMERO 2

ADDRESS = $50000100
Sulle apparecchiature P.C. ad aria MOT. 1-2-3 motori elastico 1, elastico 2, elastico cad. 1,
MOT. 4 motore seghetta.
Sulle apparecchiature P.C. MOT. 1-2-3 motori elastico 1, elastico 2, elastico cad. 1.
Sulle apparecchiature non P.C. MOT. 1-2 motori elastico 1, elastico 2,
MOT. 4 motore seghetta.

APP.: SOA-CE-WAC-V.1	CLIENTE: LONATI	FILE: T008_02.SKD
DESCRIZIONE: VISTA JUMPER SK 2729B/2 "A"		
NOTE:		COD.DISEGNO: 027
dinema	REDATTO: Mauro Pellegrini	
	DATA: 03/03/2001	FOGLIO: T008_02

View and Connections of circuit 2729B/1 "B"(optional solo con PYF)



Connections of circuit 2729B/2 “A” MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA VITE DI TERRA		TERRA
J1	1			NR	0.35		CONN. “MOT. C1” PIN 1	FASE “A” MOTORE 3
J1	2			AR	0.35		CONN. “MOT. C1” PIN 2	FASE “*A” MOTORE 3
J1	3			RO	0.35		CONN. “MOT. C1” PIN 3	FASE “B” MOTORE 3
J1	4			GI	0.35		CONN. “MOT. C1” PIN 4	FASE “*B” MOTORE 3
J1	5			NR	0.35		CONN. “M. SEG.” PIN 2	FASE “A” MOTORE 4
J1	6			AR	0.35		CONN. “M. SEG.” PIN 1	FASE “*A” MOTORE 4
J1	7			RO	0.35		CONN. “M. SEG.” PIN 3	FASE “B” MOTORE 4
J1	8			GI	0.35		CONN. “M. SEG.” PIN 4	FASE “*B” MOTORE 4
J2	1			NR	0.35		CONN. “M. EL1” PIN 1	FASE “A” MOTORE 1
J2	2			AR	0.35		CONN. “M. EL1” PIN 2	FASE “*A” MOTORE 1
J2	3			RO	0.35		CONN. “M. EL1” PIN 3	FASE “B” MOTORE 1
J2	4			GI	0.35		CONN. “M. EL1” PIN 4	FASE “*B” MOTORE 1
J2	5			NR	0.35		CONN. “M. EL2” PIN 1	FASE “A” MOTORE 2
J2	6			AR	0.35		CONN. “M. EL2” PIN 2	FASE “*A” MOTORE 2
J2	7			RO	0.35		CONN. “M. EL2” PIN 3	FASE “B” MOTORE 2
J2	8			GI	0.35		CONN. “M. EL2” PIN 4	FASE “*B” MOTORE 2
J3	1			BL	0.75	SK 2751 CONN. J8 PIN 7		+36V
J3	2							+36V
J3	3							+36V
J3	4							0V
J3	5							0V
J3	6			BL	0.75	SK 2751 CONN. J8 PIN 3		0V
J4	1			BL	0.35	SK 2751 CONN. J3 PIN 3		+15V
J4	2			BL	0.35	SK 2751 CONN. J3 PIN 9		0V
J4	3			BL	0.35	SK 2751 CONN. J3 PIN 14		-15V
J4	4			BL	0.35	SK 2751 CONN. J3 PIN 10		0V
J5	1			BL	0.35	MORSETTO 3		+24V
J5	2			BL	0.35	MORSETTO 3		+24V
J5	3			BL	0.35	MORSETTO 7		0V
J5	4			BL	0.35	MORSETTO 7		0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	1							STOP SENSORE FILO 1
J6	2							STOP SENSORE FILO 2
J6	3							STOP SENSORE FILO 3
J6	4							STOP SENSORE FILO 4
J6	5							STOP FINE ROCCA 1
J6	6							STOP FINE ROCCA 2
J6	7							STOP FINE ROCCA 3
J6	8							STOP FINE ROCCA 4

J1 = MODU2 4X2 POLI J3 = MODU1 6 POLI J5 = MODU2 4 POLI
J2 = MODU2 4X2 POLI J4 = MODU2 4 POLI J6 = MODU2 8 POLI

App: SOA-CE-WAC-V.1	Descrizione: CABLAGGI SCHEDA 2729B/2 “A”		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M012_01.DOC	Nome foglio: M012_01	Data: 03/03/2001

CIRCUIT 2729B/2 “A” MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1	CVP 180				SK 2719 “2” CONN. J1 PIN 1		0V
J7	2	CVP 180				SK 2719 “2” CONN. J1 PIN 2		0V
J7	3	CVP 180				SK 2719 “2” CONN. J1 PIN 3		D1
J7	4	CVP 180				SK 2719 “2” CONN. J1 PIN 4		D0
J7	5	CVP 180				SK 2719 “2” CONN. J1 PIN 5		D3
J7	6	CVP 180				SK 2719 “2” CONN. J1 PIN 6		D2
J7	7	CVP 180				SK 2719 “2” CONN. J1 PIN 7		D5
J7	8	CVP 180				SK 2719 “2” CONN. J1 PIN 8		D4
J7	9	CVP 180				SK 2719 “2” CONN. J1 PIN 9		D7
J7	10	CVP 180				SK 2719 “2” CONN. J1 PIN 10		D6
J7	11	CVP 180				SK 2719 “2” CONN. J1 PIN 11		0V
J7	12	CVP 180				SK 2719 “2” CONN. J1 PIN 12		0V
J7	13	CVP 180				SK 2719 “2” CONN. J1 PIN 13		A1
J7	14	CVP 180				SK 2719 “2” CONN. J1 PIN 14		A0
J7	15	CVP 180				SK 2719 “2” CONN. J1 PIN 15		A3
J7	16	CVP 180				SK 2719 “2” CONN. J1 PIN 16		A2
J7	17	CVP 180				SK 2719 “2” CONN. J1 PIN 17		A5
J7	18	CVP 180				SK 2719 “2” CONN. J1 PIN 18		A4
J7	19	CVP 180				SK 2719 “2” CONN. J1 PIN 19		A7
J7	20	CVP 180				SK 2719 “2” CONN. J1 PIN 20		A6
J7	21	CVP 180				SK 2719 “2” CONN. J1 PIN 21		A9
J7	22	CVP 180				SK 2719 “2” CONN. J1 PIN 22		A8
J7	23	CVP 180				SK 2719 “2” CONN. J1 PIN 23		A11
J7	24	CVP 180				SK 2719 “2” CONN. J1 PIN 24		A10
J7	25	CVP 180				SK 2719 “2” CONN. J1 PIN 25		A13
J7	26	CVP 180				SK 2719 “2” CONN. J1 PIN 26		A12
J7	27	CVP 180				SK 2719 “2” CONN. J1 PIN 27		A15
J7	28	CVP 180				SK 2719 “2” CONN. J1 PIN 28		A14
J7	29	CVP 180				SK 2719 “2” CONN. J1 PIN 29		0V
J7	30	CVP 180				SK 2719 “2” CONN. J1 PIN 30		0V
J7	31	CVP 180				SK 2719 “2” CONN. J1 PIN 31		*RD
J7	32	CVP 180				SK 2719 “2” CONN. J1 PIN 32		R/*W
J7	33	CVP 180				SK 2719 “2” CONN. J1 PIN 33		*INT
J7	34	CVP 180				SK 2719 “2” CONN. J1 PIN 34		*WD
J7	35	CVP 180				SK 2719 “2” CONN. J1 PIN 35		*VPA
J7	36	CVP 180				SK 2719 “2” CONN. J1 PIN 36		*BUSY
J7	37	CVP 180				SK 2719 “2” CONN. J1 PIN 37		VBATT
J7	38	CVP 180				SK 2719 “2” CONN. J1 PIN 38		*RESET
J7	39	CVP 180				SK 2719 “2” CONN. J1 PIN 39		RUN
J7	40	CVP 180				SK 2719 “2” CONN. J1 PIN 40		OK
J7	41	CVP 180				SK 2719 “2” CONN. J1 PIN 41		0V
J7	42	CVP 180				SK 2719 “2” CONN. J1 PIN 42		SCK
J7	43	CVP 180				SK 2719 “2” CONN. J1 PIN 43		+5V
J7	44	CVP 180				SK 2719 “2” CONN. J1 PIN 44		SD

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	45	CVP 180				SK 2719 “2” CONN. J1 PIN 45		+5V
J7	46	CVP 180				SK 2719 “2” CONN. J1 PIN 46		SO
J7	47	CVP 180				SK 2719 “2” CONN. J1 PIN 47		+5V
J7	48	CVP 180				SK 2719 “2” CONN. J1 PIN 48		FASE A
J7	49	CVP 180				SK 2719 “2” CONN. J1 PIN 49		+5V
J7	50	CVP 180				SK 2719 “2” CONN. J1 PIN 50		FASE B
J8	1							RIFERIMENTO VELOCITA’ ESTERNO
J8	2							0V
J9	1							+24V
J9	2							0V
J9	3							+24V
J9	4							0V
J9	5							+24V
J9	6							0V
J9	7							+24V
J9	8							0V
J9	9							+24V
J9	10							0V
J9	11							+24V
J9	12							0V
J9	13							+24V
J9	14							0V
J9	15							+24V
J9	16							0V

J7 = SEK18 50 POLI
J8 = MODU2 2 POLI
J9 = MODU2 8X2 POLI

App: SOA-CE-WAC-V.1	Descrizione: CABLAGGI SCHEDA 2729B/2 “A”	Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M013_01.DOC	Nome foglio: M013_01
			Data: 08/11/2000

CIRCUIT 2729B/2 “A” MODULE 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1	CVP 183				SK 2729 “B” CONN. J7 PIN 1		0V
J10	2	CVP 183				SK 2729 “B” CONN. J7 PIN 2		0V
J10	3	CVP 183				SK 2729 “B” CONN. J7 PIN 3		D1
J10	4	CVP 183				SK 2729 “B” CONN. J7 PIN 4		D0
J10	5	CVP 183				SK 2729 “B” CONN. J7 PIN 5		D3
J10	6	CVP 183				SK 2729 “B” CONN. J7 PIN 6		D2
J10	7	CVP 183				SK 2729 “B” CONN. J7 PIN 7		D5
J10	8	CVP 183				SK 2729 “B” CONN. J7 PIN 8		D4
J10	9	CVP 183				SK 2729 “B” CONN. J7 PIN 9		D7
J10	10	CVP 183				SK 2729 “B” CONN. J7 PIN 10		D6
J10	11	CVP 183				SK 2729 “B” CONN. J7 PIN 11		0V
J10	12	CVP 183				SK 2729 “B” CONN. J7 PIN 12		0V
J10	13	CVP 183				SK 2729 “B” CONN. J7 PIN 13		A1
J10	14	CVP 183				SK 2729 “B” CONN. J7 PIN 14		A0
J10	15	CVP 183				SK 2729 “B” CONN. J7 PIN 15		A3
J10	16	CVP 183				SK 2729 “B” CONN. J7 PIN 16		A2
J10	17	CVP 183				SK 2729 “B” CONN. J7 PIN 17		A5
J10	18	CVP 183				SK 2729 “B” CONN. J7 PIN 18		A4
J10	19	CVP 183				SK 2729 “B” CONN. J7 PIN 19		A7
J10	20	CVP 183				SK 2729 “B” CONN. J7 PIN 20		A6
J10	21	CVP 183				SK 2729 “B” CONN. J7 PIN 21		A9
J10	22	CVP 183				SK 2729 “B” CONN. J7 PIN 22		A8
J10	23	CVP 183				SK 2729 “B” CONN. J7 PIN 23		A11
J10	24	CVP 183				SK 2729 “B” CONN. J7 PIN 24		A10
J10	25	CVP 183				SK 2729 “B” CONN. J7 PIN 25		A13
J10	26	CVP 183				SK 2729 “B” CONN. J7 PIN 26		A12
J10	27	CVP 183				SK 2729 “B” CONN. J7 PIN 27		A15
J10	28	CVP 183				SK 2729 “B” CONN. J7 PIN 28		A14
J10	29	CVP 183				SK 2729 “B” CONN. J7 PIN 29		0V
J10	30	CVP 183				SK 2729 “B” CONN. J7 PIN 30		0V
J10	31	CVP 183				SK 2729 “B” CONN. J7 PIN 31		*RD
J10	32	CVP 183				SK 2729 “B” CONN. J7 PIN 32		R/*W
J10	33	CVP 183				SK 2729 “B” CONN. J7 PIN 33		*INT
J10	34	CVP 183				SK 2729 “B” CONN. J7 PIN 34		*WD
J10	35	CVP 183				SK 2729 “B” CONN. J7 PIN 35		*VPA
J10	36	CVP 183				SK 2729 “B” CONN. J7 PIN 36		*BUSY
J10	37	CVP 183				SK 2729 “B” CONN. J7 PIN 37		VBATT
J10	38	CVP 183				SK 2729 “B” CONN. J7 PIN 38		*RESET
J10	39	CVP 183				SK 2729 “B” CONN. J7 PIN 39		RUN
J10	40	CVP 183				SK 2729 “B” CONN. J7 PIN 40		OK
J10	41	CVP 183				SK 2729 “B” CONN. J7 PIN 41		0V
J10	42	CVP 183				SK 2729 “B” CONN. J7 PIN 42		SCK
J10	43	CVP 183				SK 2729 “B” CONN. J7 PIN 43		+5V
J10	44	CVP 183				SK 2729 “B” CONN. J7 PIN 44		SD
J10	45	CVP 183				SK 2729 “B” CONN. J7 PIN 45		+5V
J10	46	CVP 183				SK 2729 “B” CONN. J7 PIN 46		SO
J10	47	CVP 183				SK 2729 “B” CONN. J7 PIN 47		+5V
J10	48	CVP 183				SK 2729 “B” CONN. J7 PIN 48		FASE A
J10	49	CVP 183				SK 2729 “B” CONN. J7 PIN 49		+5V
J10	50	CVP 183				SK 2729 “B” CONN. J7 PIN 50		FASE B

J10 = SEK18 50 POLI

App: SOA-CE-WAC-V.1	Descrizione: CABLAGGI SCHEDA 2729B/2 “A”	Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M014_00.DOC	Nome foglio: M014_00	Data: 20/06/2000

CIRCUIT 2729B/1 “B” MODULE 1 (optional)

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA VITE DI TERRA		TERRA
J1	1					CBL 0409	AL MOTORE PYF CAD 3	FASE “A” MOTORE 3
J1	2						AL MOTORE PYF CAD 3	FASE “*A” MOTORE 3
J1	3						AL MOTORE PYF CAD 3	FASE “B” MOTORE 3
J1	4						AL MOTORE PYF CAD 3	FASE “*B” MOTORE 3
J1	5						AL MOTORE PYF CAD 4	FASE “A” MOTORE 4
J1	6						AL MOTORE PYF CAD 4	FASE “*A” MOTORE 4
J1	7						AL MOTORE PYF CAD 4	FASE “B” MOTORE 4
J1	8						AL MOTORE PYF CAD 4	FASE “*B” MOTORE 4
J2	1					CBL 0409	AL MOTORE PYF CAD 1	FASE “A” MOTORE 1
J2	2						AL MOTORE PYF CAD 1	FASE “*A” MOTORE 1
J2	3						AL MOTORE PYF CAD 1	FASE “B” MOTORE 1
J2	4						AL MOTORE PYF CAD 1	FASE “*B” MOTORE 1
J2	5						AL MOTORE PYF CAD 2	FASE “A” MOTORE 2
J2	6						AL MOTORE PYF CAD 2	FASE “*A” MOTORE 2
J2	7						AL MOTORE PYF CAD 2	FASE “B” MOTORE 2
J2	8						AL MOTORE PYF CAD 2	FASE “*B” MOTORE 2
J3	1			BL	0.75	SK 2751 CONN. J8 PIN 7		+36V
J3	2							+36V
J3	3							+36V
J3	4							0V
J3	5							0V
J3	6			BL	0.75	SK 2751 CONN. J8 PIN 3		0V
J4	1			BL	0.35	SK 2751 CONN. J3 PIN 4		+15V
J4	2			BL	0.35	SK 2751 CONN. J3 PIN 11		0V
J4	3			BL	0.35	SK 2751 CONN. J3 PIN 15		-15V
J4	4			BL	0.35	SK 2751 CONN. J3 PIN 12		0V
J5	1			BL	0.35	MORSETTO 3		+24V
J5	2			BL	0.35	MORSETTO 3		+24V
J5	3			BL	0.35	MORSETTO 7		0V
J5	4			BL	0.35	MORSETTO 7		0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO	DESCRIZIONE
J6	1							STOP SENSORE FILO 1
J6	2							STOP SENSORE FILO 2
J6	3							STOP SENSORE FILO 3
J6	4							STOP SENSORE FILO 4
J6	5							STOP FINE ROCCA 1
J6	6							STOP FINE ROCCA 2
J6	7							STOP FINE ROCCA 3
J6	8							STOP FINE ROCCA 4

IL PYF LONATI SOA WAC-S54-S74-U8 COD. DINEMA 460727 è un optional!

J1 = MODU2 4X2 POLI J3 = MODU1 6 POLI J5 = MODU2 4 POLI
J2 = MODU2 4X2 POLI J4 = MODU2 4 POLI J6 = MODU2 8 POLI

App: SOA-CE-WAC-V.1	Descrizione: CABLAGGI SCHEDA 2729B/1 “B”		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M015_02.DOC	Nome foglio: M015_02	Data: 03/03/2001

CIRCUIT 2729B/1 “B” MODULE 2 (optional)

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1	CVP 183				SK 2729 “A” CONN. J10 PIN 1		0V
J7	2	CVP 183				SK 2729 “A” CONN. J10 PIN 2		0V
J7	3	CVP 183				SK 2729 “A” CONN. J10 PIN 3		D1
J7	4	CVP 183				SK 2729 “A” CONN. J10 PIN 4		D0
J7	5	CVP 183				SK 2729 “A” CONN. J10 PIN 5		D3
J7	6	CVP 183				SK 2729 “A” CONN. J10 PIN 6		D2
J7	7	CVP 183				SK 2729 “A” CONN. J10 PIN 7		D5
J7	8	CVP 183				SK 2729 “A” CONN. J10 PIN 8		D4
J7	9	CVP 183				SK 2729 “A” CONN. J10 PIN 9		D7
J7	10	CVP 183				SK 2729 “A” CONN. J10 PIN 10		D6
J7	11	CVP 183				SK 2729 “A” CONN. J10 PIN 11		0V
J7	12	CVP 183				SK 2729 “A” CONN. J10 PIN 12		0V
J7	13	CVP 183				SK 2729 “A” CONN. J10 PIN 13		A1
J7	14	CVP 183				SK 2729 “A” CONN. J10 PIN 14		A0
J7	15	CVP 183				SK 2729 “A” CONN. J10 PIN 15		A3
J7	16	CVP 183				SK 2729 “A” CONN. J10 PIN 16		A2
J7	17	CVP 183				SK 2729 “A” CONN. J10 PIN 17		A5
J7	18	CVP 183				SK 2729 “A” CONN. J10 PIN 18		A4
J7	19	CVP 183				SK 2729 “A” CONN. J10 PIN 19		A7
J7	20	CVP 183				SK 2729 “A” CONN. J10 PIN 20		A6
J7	21	CVP 183				SK 2729 “A” CONN. J10 PIN 21		A9
J7	22	CVP 183				SK 2729 “A” CONN. J10 PIN 22		A8
J7	23	CVP 183				SK 2729 “A” CONN. J10 PIN 23		A11
J7	24	CVP 183				SK 2729 “A” CONN. J10 PIN 24		A10
J7	25	CVP 183				SK 2729 “A” CONN. J10 PIN 25		A13
J7	26	CVP 183				SK 2729 “A” CONN. J10 PIN 26		A12
J7	27	CVP 183				SK 2729 “A” CONN. J10 PIN 27		A15
J7	28	CVP 183				SK 2729 “A” CONN. J10 PIN 28		A14
J7	29	CVP 183				SK 2729 “A” CONN. J10 PIN 29		0V
J7	30	CVP 183				SK 2729 “A” CONN. J10 PIN 30		0V
J7	31	CVP 183				SK 2729 “A” CONN. J10 PIN 31		*RD
J7	32	CVP 183				SK 2729 “A” CONN. J10 PIN 32		R/*W
J7	33	CVP 183				SK 2729 “A” CONN. J10 PIN 33		*INT
J7	34	CVP 183				SK 2729 “A” CONN. J10 PIN 34		*WD
J7	35	CVP 183				SK 2729 “A” CONN. J10 PIN 35		*VPA
J7	36	CVP 183				SK 2729 “A” CONN. J10 PIN 36		*BUSY
J7	37	CVP 183				SK 2729 “A” CONN. J10 PIN 37		VBATT
J7	38	CVP 183				SK 2729 “A” CONN. J10 PIN 38		*RESET
J7	39	CVP 183				SK 2729 “A” CONN. J10 PIN 39		RUN
J7	40	CVP 183				SK 2729 “A” CONN. J10 PIN 40		OK
J7	41	CVP 183				SK 2729 “A” CONN. J10 PIN 41		0V
J7	42	CVP 183				SK 2729 “A” CONN. J10 PIN 42		SCK
J7	43	CVP 183				SK 2729 “A” CONN. J10 PIN 43		+5V
J7	44	CVP 183				SK 2729 “A” CONN. J10 PIN 44		SD
J7	45	CVP 183				SK 2729 “A” CONN. J10 PIN 45		+5V
J7	46	CVP 183				SK 2729 “A” CONN. J10 PIN 46		SO
J7	47	CVP 183				SK 2729 “A” CONN. J10 PIN 47		+5V
J7	48	CVP 183				SK 2729 “A” CONN. J10 PIN 48		FASE A
J7	49	CVP 183				SK 2729 “A” CONN. J10 PIN 49		+5V
J7	50	CVP 183				SK 2729 “A” CONN. J10 PIN 50		FASE B
J8	1							RIFERIMENTO VELOCITA' ESTERNO
J8	2							0V
J9	1							+24V
J9	2							0V
J9	3							+24V
J9	4							0V
J9	5							+24V
J9	6							0V
J9	7							+24V
J9	8							0V
J9	9							+24V
J9	10							0V
J9	11							+24V
J9	12							0V
J9	13							+24V
J9	14							0V
J9	15							+24V
J9	16							0V

J7 = SEK18 50 POLI
J8 = MODU2 2 POLI
J9 = MODU2 8X2 POLI

App: SOA-CE-WAC-V.1	Descrizione: CABLAGGI SCHEDA 2729B/1 “B”	Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M016_00.DOC	Nome foglio: M016_00
			Data: 20/06/2000

CIRCUIT 2729B/1 “B” MODULE 3 (optional)

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							0V
J10	2							0V
J10	3							D1
J10	4							D0
J10	5							D3
J10	6							D2
J10	7							D5
J10	8							D4
J10	9							D7
J10	10							D6
J10	11							0V
J10	12							0V
J10	13							A1
J10	14							A0
J10	15							A3
J10	16							A2
J10	17							A5
J10	18							A4
J10	19							A7
J10	20							A6
J10	21							A9
J10	22							A8
J10	23							A11
J10	24							A10
J10	25							A13
J10	26							A12
J10	27							A15
J10	28							A14
J10	29							0V
J10	30							0V
J10	31							*RD
J10	32							R/*W
J10	33							*INT
J10	34							*WD
J10	35							*VPA
J10	36							*BUSY
J10	37							VBATT
J10	38							*RESET
J10	39							RUN
J10	40							OK
J10	41							0V
J10	42							SCK
J10	43							+5V
J10	44							SD

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	45							+5V
J10	46							SO
J10	47							+5V
J10	48							FASE A
J10	49							+5V
J10	50							FASE B

J10 = SEK18 50 POLI

App: SOA-CE-WAC-V.1	Descrizione: CABLAGGI SCHEDA 2729B/1 “B”	Cliente: LONATI	Note: Il tamburino T5 è utilizzato solamente nella s462c4
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M017_00.DOC	Nome foglio: M017_00 / Data: 20/06/2000

DESCRIPTION OF CIRCUITS AND CONNECTIONS -MATRIX-

ELENCO SCHEDE E COMPONENTI PRINCIPALI:

LONATI SOA-CE-MATRIX-STANDARD-V.2
COD. DINEMA 600978 - COD. LONATI D4901200

LONATI SOA-CE-MATRIX-1 COPERCHIO MOTORIZZATO-V.2
COD. DINEMA 600968 - COD. LONATI D4901304

LONATI SOA-CE-MATRIX-6 COLORI+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600969 - COD. LONATI D4901305

LONATI SOA-CE-MATRIX-6 COLORI-1 COPERCHIO MOTORIZZATO+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600970 - COD. LONATI D4901306

LONATI SOA-CE-MATRIX-6 COLORI- MOTORINO DOPPIO+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600971 - COD. LONATI D4901307

LONATI SOA-CE-MATRIX+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600972 - COD. LONATI D4901308

LONATI SOA-CE-MATRIX-1 COPERCHIO MOTORIZZATO+KIT ELETTROV. BISTABILI-V.2
COD. DINEMA 600973 - COD. LONATI D4901309

SCHEDA:	DESCRIZIONE:
2004/1	Scheda con CPU risc, linea SPI, 4 linee per comunicazione seriale, controllo motore, lettura quota gradi/aghi.
2754B/1	Scheda per la gestione di N°9 motori passo-passo su apparecchiature con scheda 2004 - seconda versione.
2755A/1	Modulo di potenza per un motore P-P.
1799B/1	Scheda marcia - arresto e controllo alza platò.
2799/1	Scheda 16 uscite seriali + 32 ingressi seriali (è possibile espansione con 16 uscite seriali).
1881A/1	Scheda 16 uscite seriali per espansione SK 2799/1.
1896A/1	Scheda interfaccia per tastiera.
2751A/1	Alimentatore 500W tamponato.
2745A/1	Alimentatore Flyback 50W 200V.
2858/2	Scheda master comando 40 leve Matrix (Versione con ibrido HYB-16B).
2859/2	Scheda slave comando 40 leve Matrix (Versione con ibrido HYB-16B).
2846/2 + N°4 2843A/1	Scheda logica + potenza per controllo 4 motori P-P (Mot. 4 seghetta).
	Scheda rampa + VCO da accoppiare a SK 2846-2847.
2846/1 + N°4 2843A/1	Scheda logica + potenza per controllo 4 motori P-P (Optional).
	Scheda rampa + VCO da accoppiare a SK 2846-2847 (Optional).

NOME:	DESCRIZIONE:
DS1	Portalampada Breter + gemma rossa.
DS2	Portalampada Breter + gemma gialla.
DS3	Portalampada Breter + gemma verde.
DS4	Portalampada Breter + gemma blu.
DS5	Portalampada Breter + gemma bianca.
FUSIBILE	Fusibile 8A.
JA	Connettore MODU2 4X2 POLI FEMMINA per CBL 0108.
JB1	Connettore MODU2 6 POLI FEMMINA.
JB2	Connettore MODU2 6 POLI MASCHIO.
JC1-JD1	Connettori MODU2 4 POLI MASCHIO.
JC2-JD2	Connettori MODU2 4 POLI FEMMINA.
SL1	Selettore chiave per programmazione lavorazione.
SW1	Micro-switch per sportello posteriore.
SW2	Micro-switch per sportello anteriore.
V1-V2-V3	Ventole 24 VDC 80X32.
B1-B2	Batterie ricaricabili 12V - 1.1Ah.

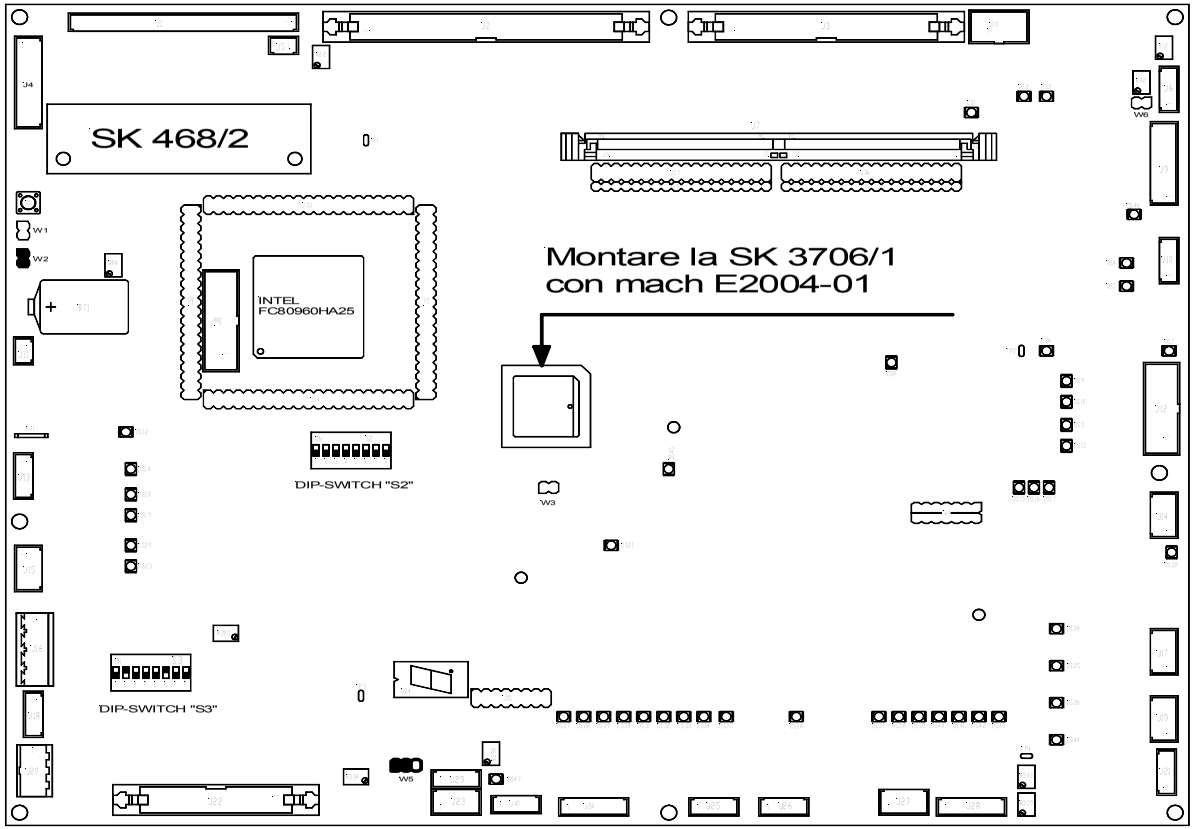
OPTIONAL:
La SK 2846/1 + 4 SK 2843A/1 è prevista solo nel caso di:
PYF P-P X LONATI SERIE 2000
COD. DINEMA 460733

Il DCN 2000 COD. DINEMA 620885
è optional

SOA-CE-MATRIX-V.2 LONATI B001_00.SKD
ELENCO SCHEDE E COMPONENTI PRINCIPALI

Mauro Pellegrini 027
30/07/2002 B001_00

View and connections for jumper on circuit 2004/1



NOTA :
COLLEGARE IL CONN. MODU2 DELLA SK 468/2 AL CONNETTORE J11 DELLA SK 2004/1.

SIGNIFICATO JUMPER SK 2004/1:	
W1-INSERITO	NON E' CONNESSA LA BATTERIA ESTERNA (SK 468/2)
W1-DISINSERITO	BATTERIA ESTERNA CONNESSA (SK 468/2)
W2	CONNESSIONE BATTERIA
W3-INSERITO	INTERRUPT ESTERNO
W3-DISINSERITO	NON E' CONNESSO INTERRUPT ESTERNO
W4	JUMPER PER LA CONESSIONE DELL' EMULATORE DSP
W5-POSIZIONE 1-2	RIFERIMENTO +REF & -REF PER AZIONAMENTO
W5-POSIZIONE 2-3	RIFERIMENTO +REF PER AZIONAMENTO
W6-INSERITO	SENSORE DI TEMPERATURA ABILITATO
W6-DISINSERITO	SENSORE DI TEMPERATURA NON ABILITATO

SELEZIONE DIP-SWITCH "S3" SK 2004/1:								
DIP-1	DIP-2	DIP-3	DIP-4	DIP-5	DIP-6	DIP-7	DIP-8	SIGNIFICATO SELEZIONE DIP-SWITCH
OFF	OFF	OFF	OFF	OFF				2 MEGABYTE-RAM DEFAULT SULLA SK 2004/1
ON	OFF	OFF	OFF	OFF				2 MEGABYTE + 1 MEGABYTE = 3 MEGABYTE-RAM
OFF	ON	OFF	OFF	OFF				2 MEGABYTE + 2 MEGABYTE = 4 MEGABYTE-RAM
OFF	OFF	ON	OFF	OFF				2 MEGABYTE + 4 MEGABYTE = 6 MEGABYTE-RAM
ON	OFF	ON	OFF	OFF				2 MEGABYTE + 5 MEGABYTE = 7 MEGABYTE-RAM
OFF	ON	ON	OFF	OFF				2 MEGABYTE + 6 MEGABYTE = 8 MEGABYTE-RAM
ON	ON	ON	OFF	OFF				2 MEGABYTE + 7 MEGABYTE = 9 MEGABYTE-RAM
					ON			SELEZIONATA SK 2004/1
					OFF			SELEZIONATA SK 2000A/1
						OFF	ON	CARICAMENTO SOFTWARE DA SCHEDINO A SK 2004/1
						ON	OFF	CARICAMENTO FILE MACH.BIN DA FDU PER AGGIORNAMENTO SW SK 2004/1
						ON	ON	CARICAMENTO FILE MACH.BIN PER AGGIORNAMENTO SW SCHEDINO

SIGNIFICATO LED SK 2004/1:	
DS1-LED VERDE	FASE *A ENCODER CILINDRO
DS2-LED GIALLO	FASE *B ENCODER CILINDRO
DS3-LED ROSSO	FASE *Z ENCODER CILINDRO
DS4-LED ROSSO	TX SENSORI BTSR
DS5-LED ROSSO	RX SENSORI BTSR
DS6-LED VERDE	SIN SPI
DS7-LED GIALLO	*RESET SPI
DS8-LED VERDE	ABILITAZIONE DSP
DS9-LED GIALLO	*CEIN SPI
DS10-LED GIALLO	*CEOUT SPI
DS11-LED ROSSO	SOUT SPI
DS12-LED VERDE	PRESENZA 3.3V
DS13-LED GIALLO	CLK SPI
DS14-LED ROSSO	FAIL 80960HX
DS15-LED ROSSO	FASE Z ENCODER TIRAGGIO
DS16-LED GIALLO	FASE B ENCODER TIRAGGIO
DS17-LED VERDE	FASE A ENCODER TIRAGGIO
DS18-LED ROSSO	TX 232
DS19-LED VERDE	RX 232
DS20-LED ROSSO	TX 422
DS21-LED VERDE	WATCHDOG
DS22-LED VERDE	PRESENZA +5V
DS23-LED VERDE	RX 422
DS24-LED VERDE	RX CURRENT LOOP
DS25-LED ROSSO	TX CURRENT LOOP
DS26-LED ROSSO	TX CURRENT LOOP
DS27-LED VERDE	ALLARME AZIONAMENTO N.A.
DS28-LED VERDE	PRESENZA +36V
DS29-LED VERDE	PRESENZA FASE
DS30-LED ROSSO	ALLARME BLACKOUT
DS31-LED ROSSO	ALLARME BATTERIA KO
DS32-LED VERDE	CHECK 24V SERIALI
DS33-LED VERDE	PRESENZA +15V
DS34-LED VERDE	PRESENZA -15V
DS35-LED VERDE	RELE' MARCIA
DS36-LED VERDE	PRESENZA +24V
DS37-LED ROSSO	SELETTORE A CHIAVE
DS38-LED VERDE	MANOVELLA A SCATTO
DS39-LED VERDE	MANOVELLA CONTINUA
DS40-LED VERDE	TELERUTTORE DI MARCIA ECCITATO
DS41-LED ROSSO	MICRO CARTER OPEN
DS42-LED VERDE	PULSANTE DI MARCIA PREMUTO
DS43-LED ROSSO	PASSAGGIO CALZA
DS44-LED VERDE	RX CURRENT LOOP
DS45-LED VERDE	ENABLE MARCIA
DS46-LED VERDE	PRESENZA ZERO PROXIMITY SU J9
DS47-LED ROSSO	PRESENZA ZERO PROXIMITY SU J40

APP.: SOA-CE-MATRIX-V2	CLIENTE: LONATI	FILE: T001_00.SKD
DESCRIZIONE: VISTA JUMPER SCHEDA 2004/1		
NOTE:		COD.DISEGNO:
Dinema	REDATTO: Mauro Pellegrini	027
	DATA: 30/07/2002	FOGLIO: T001_00

Connections of circuit MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 2		TERRA
J1	1					MODULE LCD CONN. J1 PIN 1		0V
J1	2					MODULO LCD CONN. J1 PIN 2		+5V
J1	3					MODULO LCD CONN. J1 PIN 3		V. CONTRASTO
J1	4					MODULO LCD CONN. J1 PIN 4		A0
J1	5					MODULO LCD CONN. J1 PIN 5		R/*W
J1	6					MODULO LCD CONN. J1 PIN 6		E
J1	7					MODULO LCD CONN. J1 PIN 7		D0
J1	8					MODULO LCD CONN. J1 PIN 8		D1
J1	9					MODULO LCD CONN. J1 PIN 9		D2
J1	10					MODULO LCD CONN. J1 PIN 10		D3
J1	11					MODULO LCD CONN. J1 PIN 11		D4
J1	12					MODULO LCD CONN. J1 PIN 12		D5
J1	13					MODULO LCD CONN. J1 PIN 13		D6
J1	14					MODULO LCD CONN. J1 PIN 14		D7
J1	15					MODULO LCD CONN. J1 PIN 15		*CSDISP
J1	16					MODULO LCD CONN. J1 PIN 16		*RESET
J1	17					MODULO LCD CONN. J1 PIN 17		-15V
J1	18							N.C.
J1	19							N.C.
J1	20							N.C.
J1	21							N.C.
J1	22							N.C.
J2	1	CVP 203				SK 2858 CONN. J2 PIN 1		0V
J2	2	CVP 203				SK 2858 CONN. J2 PIN 2		0V
J2	3	CVP 203				SK 2858 CONN. J2 PIN 3		D1
J2	4	CVP 203				SK 2858 CONN. J2 PIN 4		D0
J2	5	CVP 203				SK 2858 CONN. J2 PIN 5		D3
J2	6	CVP 203				SK 2858 CONN. J2 PIN 6		D2
J2	7	CVP 203				SK 2858 CONN. J2 PIN 7		D5
J2	8	CVP 203				SK 2858 CONN. J2 PIN 8		D4
J2	9	CVP 203				SK 2858 CONN. J2 PIN 9		D7
J2	10	CVP 203				SK 2858 CONN. J2 PIN 10		D6
J2	11	CVP 203				SK 2858 CONN. J2 PIN 11		0V
J2	12	CVP 203				SK 2858 CONN. J2 PIN 12		0V
J2	13	CVP 203				SK 2858 CONN. J2 PIN 13		A1
J2	14	CVP 203				SK 2858 CONN. J2 PIN 14		A0
J2	15	CVP 203				SK 2858 CONN. J2 PIN 15		A3
J2	16	CVP 203				SK 2858 CONN. J2 PIN 16		A2
J2	17	CVP 203				SK 2858 CONN. J2 PIN 17		A5
J2	18	CVP 203				SK 2858 CONN. J2 PIN 18		A4
J2	19	CVP 203				SK 2858 CONN. J2 PIN 19		A7
J2	20	CVP 203				SK 2858 CONN. J2 PIN 20		A6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J2	21	CVP 203				SK 2858 CONN. J2 PIN 21		A9
J2	22	CVP 203				SK 2858 CONN. J2 PIN 22		A8
J2	23	CVP 203				SK 2858 CONN. J2 PIN 23		A11
J2	24	CVP 203				SK 2858 CONN. J2 PIN 24		A10
J2	25	CVP 203				SK 2858 CONN. J2 PIN 25		A13
J2	26	CVP 203				SK 2858 CONN. J2 PIN 26		A12
J2	27	CVP 203				SK 2858 CONN. J2 PIN 27		A15
J2	28	CVP 203				SK 2858 CONN. J2 PIN 28		A14
J2	29	CVP 203				SK 2858 CONN. J2 PIN 29		0V
J2	30	CVP 203				SK 2858 CONN. J2 PIN 30		0V
J2	31	CVP 203				SK 2858 CONN. J2 PIN 31		*RD
J2	32	CVP 203				SK 2858 CONN. J2 PIN 32		R/*W
J2	33	CVP 203				SK 2858 CONN. J2 PIN 33		*INT
J2	34	CVP 203				SK 2858 CONN. J2 PIN 34		*WD
J2	35	CVP 203				SK 2858 CONN. J2 PIN 35		*VPA
J2	36	CVP 203				SK 2858 CONN. J2 PIN 36		*BUSY
J2	37	CVP 203				SK 2858 CONN. J2 PIN 37		V.BATTERY
J2	38	CVP 203				SK 2858 CONN. J2 PIN 38		*RESET
J2	39	CVP 203				SK 2858 CONN. J2 PIN 39		RUN
J2	40	CVP 203				SK 2858 CONN. J2 PIN 40		OK
J2	41	CVP 203				SK 2858 CONN. J2 PIN 41		0V
J2	42	CVP 203				SK 2858 CONN. J2 PIN 42		SCK
J2	43	CVP 203				SK 2858 CONN. J2 PIN 43		+5V
J2	44	CVP 203				SK 2858 CONN. J2 PIN 44		SD
J2	45	CVP 203				SK 2858 CONN. J2 PIN 45		+5V
J2	46	CVP 203				SK 2858 CONN. J2 PIN 46		FASE Z
J2	47	CVP 203				SK 2858 CONN. J2 PIN 47		+5V
J2	48	CVP 203				SK 2858 CONN. J2 PIN 48		FASE A
J2	49	CVP 203				SK 2858 CONN. J2 PIN 49		+5V
J2	50	CVP 203				SK 2858 CONN. J2 PIN 50		FASE B

FT1 = FASTON 6.3mm J2 = SEK 18 50 POLI
J1 = MODU2 22 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2004/1	Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M001_00.DOC	Nome foglio: M001_00	Data: 30/07/2002

CIRCUIT 2004/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1	CVP 137				SK 2754 CONN. J23 PIN 1		FASE B
J3	2	CVP 137				SK 2754 CONN. J23 PIN 2		FASE A
J3	3	CVP 137				SK 2754 CONN. J23 PIN 3		FASE Z
J3	4	CVP 137				SK 2754 CONN. J23 PIN 4		0V
J3	5	CVP 137				SK 2754 CONN. J23 PIN 5		DM9
J3	6	CVP 137				SK 2754 CONN. J23 PIN 6		DM8
J3	7	CVP 137				SK 2754 CONN. J23 PIN 7		DM11
J3	8	CVP 137				SK 2754 CONN. J23 PIN 8		DM10
J3	9	CVP 137				SK 2754 CONN. J23 PIN 9		DM13
J3	10	CVP 137				SK 2754 CONN. J23 PIN 10		DM12
J3	11	CVP 137				SK 2754 CONN. J23 PIN 11		DM15
J3	12	CVP 137				SK 2754 CONN. J23 PIN 12		DM14
J3	13	CVP 137				SK 2754 CONN. J23 PIN 13		DM1
J3	14	CVP 137				SK 2754 CONN. J23 PIN 14		DM0
J3	15	CVP 137				SK 2754 CONN. J23 PIN 15		DM3
J3	16	CVP 137				SK 2754 CONN. J23 PIN 16		DM2
J3	17	CVP 137				SK 2754 CONN. J23 PIN 17		DM5
J3	18	CVP 137				SK 2754 CONN. J23 PIN 18		DM4
J3	19	CVP 137				SK 2754 CONN. J23 PIN 19		DM7
J3	20	CVP 137				SK 2754 CONN. J23 PIN 20		DM6
J3	21	CVP 137				SK 2754 CONN. J23 PIN 21		0V
J3	22	CVP 137				SK 2754 CONN. J23 PIN 22		*CS MPP
J3	23	CVP 137				SK 2754 CONN. J23 PIN 23		+5V
J3	24	CVP 137				SK 2754 CONN. J23 PIN 24		+5V
J3	25	CVP 137				SK 2754 CONN. J23 PIN 25		AM1
J3	26	CVP 137				SK 2754 CONN. J23 PIN 26		AM0
J3	27	CVP 137				SK 2754 CONN. J23 PIN 27		AM3
J3	28	CVP 137				SK 2754 CONN. J23 PIN 28		AM2
J3	29	CVP 137				SK 2754 CONN. J23 PIN 29		AM5
J3	30	CVP 137				SK 2754 CONN. J23 PIN 30		AM4
J3	31	CVP 137				SK 2754 CONN. J23 PIN 31		AM7
J3	32	CVP 137				SK 2754 CONN. J23 PIN 32		AM6
J3	33	CVP 137				SK 2754 CONN. J23 PIN 33		IACKEX MPP
J3	34	CVP 137				SK 2754 CONN. J23 PIN 34		0V
J3	35	CVP 137				SK 2754 CONN. J23 PIN 35		*WDM
J3	36	CVP 137				SK 2754 CONN. J23 PIN 36		*RDLM
J3	37	CVP 137				SK 2754 CONN. J23 PIN 37		V.BATTERY
J3	38	CVP 137				SK 2754 CONN. J23 PIN 38		*RESET-I
J3	39	CVP 137				SK 2754 CONN. J23 PIN 39		*RWM
J3	40	CVP 137				SK 2754 CONN. J23 PIN 40		*INT-MPP

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1			BL	0.35	SK 1896 CONN. J1 PIN 1		RIGA 8
J4	2			BL	0.35	SK 1896 CONN. J1 PIN 2		COLONNA 8
J4	3			BL	0.35	SK 1896 CONN. J1 PIN 3		RIGA 7
J4	4			BL	0.35	SK 1896 CONN. J1 PIN 4		COLONNA 7
J4	5			BL	0.35	SK 1896 CONN. J1 PIN 5		RIGA 6
J4	6			BL	0.35	SK 1896 CONN. J1 PIN 6		COLONNA 6
J4	7			BL	0.35	SK 1896 CONN. J1 PIN 7		RIGA 5
J4	8			BL	0.35	SK 1896 CONN. J1 PIN 8		COLONNA 5
J4	9			BL	0.35	SK 1896 CONN. J1 PIN 9		RIGA 4
J4	10			BL	0.35	SK 1896 CONN. J1 PIN 10		COLONNA 4
J4	11			BL	0.35	SK 1896 CONN. J1 PIN 11		RIGA 3
J4	12			BL	0.35	SK 1896 CONN. J1 PIN 12		COLONNA 3
J4	13			BL	0.35	SK 1896 CONN. J1 PIN 13		RIGA 2
J4	14			BL	0.35	SK 1896 CONN. J1 PIN 14		COLONNA 2
J4	15			BL	0.35	SK 1896 CONN. J1 PIN 15		RIGA 1
J4	16			BL	0.35	SK 1896 CONN. J1 PIN 16		COLONNA 1
J4	17							COLONNA 10
J4	18			BL	0.35	SK 1896 CONN. J1 PIN 18		COLONNA 9
J5	1							ENABLE LMP LCD
J5	2							0V
J6	1							POSITIVO SENSORE
J6	2							OUT SENSORE
J6	3							0V
J6	4							0V
J9	1			BI	0.35		SK 1848 CONN. J7 PIN 12	0V
J9	2			GV	0.35		SCHERMATURA	0V
J9	3			VE	0.35		SK 1848 CONN. J7 PIN 11	FASE *A ENCODER CIL.
J9	4			MR	0.35		SK 1848 CONN. J7 PIN 10	FASE A ENCODER CIL.
J9	5			GI	0.35		SK 1848 CONN. J7 PIN 8	FASE *B ENCODER CIL.
J9	6			RS	0.35		SK 1848 CONN. J7 PIN 9	FASE B ENCODER CIL.
J9	7			BL	0.35		SK 1848 CONN. J7 PIN 6	FASE *Z ENCODER CIL.
J9	8			GRI	0.35		SK 1848 CONN. J7 PIN 7	FASE Z ENCODER CIL.
J9	9							PROX
J9	10							PROX
J9	11							AL +24
J9	12							AL +24
J9	13							0V
J9	14							0V
J9	15							+5V
J9	16							+5V

J3 = SEK18 40 POLI J5 = MODU2 2 POLI J9 = MODU2 8X2 POLI
J4 = MODU2 9X2 POLI J6 = MODU2 4 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2004/1	Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M002_00.DOC	Nome foglio: M002_00
			Data: 30/07/2002

CIRCUIT 2004/1 MODULE 3

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							N.C.
J10	2			BL	0.35		CONN. “BTSR” PIN 2	TX/RX - TTL
J10	3			NR	0.35		CONN. “BTSR” PIN 3	0V
J10	4			MR	0.35		CONN. “BTSR” PIN 4	+24V
J11	1			RO	0.35	GIA’ ESISTENTE SU SK 468 PIN 1		INPUT BATTERIA EX. POSITIVO
J11	2			NR	0.35	GIA’ ESISTENTE SU SK 468 PIN 2		INPUT BATTERIA EX. NEGATIVO
J12	1	CVP 091				SK 2799 CONN. J5 PIN 1		0V
J12	2	CVP 091				SK 2799 CONN. J5 PIN 2		CLKSPI
J12	3	CVP 091				SK 2799 CONN. J5 PIN 3		0V
J12	4	CVP 091				SK 2799 CONN. J5 PIN 4		SOUTSPI
J12	5	CVP 091				SK 2799 CONN. J5 PIN 5		0V
J12	6	CVP 091				SK 2799 CONN. J5 PIN 6		*RESETSPI
J12	7	CVP 091				SK 2799 CONN. J5 PIN 7		0V
J12	8	CVP 091				SK 2799 CONN. J5 PIN 8		*CEOUTSPI
J12	9	CVP 091				SK 2799 CONN. J5 PIN 9		0V
J12	10	CVP 091				SK 2799 CONN. J5 PIN 10		*CEINSPI
J12	11	CVP 091				SK 2799 CONN. J5 PIN 11		0V
J12	12	CVP 091				SK 2799 CONN. J5 PIN 12		SINSPI
J12	13	CVP 091				SK 2799 CONN. J5 PIN 13		0V
J12	14	CVP 091				SK 2799 CONN. J5 PIN 14		0V
J13	1							TX RS 232
J13	2							RX RS 232
J13	3							0V
J13	4							0V
J14	1			NR	0.35		CONN. “ENC. AB.” PIN 1	0V
J14	2			GV	0.35		SCHERMATURA	0V
J14	3			GI	0.35		CONN. “ENC. AB.” PIN 3	FASE A ENCODER TIR.
J14	4							N.C.
J14	5			BL	0.35		CONN. “ENC. AB.” PIN 5	FASE B ENCODER TIR.
J14	6							N.C.
J14	7			VE	0.35		CONN. “ENC. AB.” PIN 7	FASE Z ENCODER TIR.
J14	8			RO	0.35		CONN. “ENC. AB.” PIN 8	+5V
J15	1	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		TX RS 485 +
J15	2	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		TX RS 485 -
J15	3	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		RX RS 485 -
J15	4	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		RX RS 485 +
J15	5	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		0V EXT
J15	6	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		0V EXT
J15	7	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		+5V EXT
J15	8	CBL 2173				DCN 2000 CONN. VASCHETTA 15P-F		+5V EXT
J16	1			BL	1	SK 2751 CONN. J7 PIN 3		+5V
J16	2							+5V
J16	3			BL	1	SK 2751 CONN. J7 PIN 1		0V
J16	4							0V
J17	1			BL	0.35	CONN. “JA” PIN 2		TX LOOP + FDU
J17	2			BL	0.35	CONN. “JA” PIN 4		TX LOOP – FDU
J17	3			BL	0.35	CONN. “JA” PIN 5		RX LOOP + FDU
J17	4			BL	0.35	CONN. “JA” PIN 6		RX LOOP – FDU
J17	5			BL	0.35	CONN. “JA” PIN 8		0V
J17	6							+24V
J17	7			BL	0.35	CONN. “JA” PIN 1		0V
J17	8			BL	0.35	CONN. “JA” PIN 7		+24V
J18	1			BL	0.35	SK 2751 CONN. J3 PIN 1		+15V
J18	2			BL	0.35	SK 2751 CONN. J3 PIN 7		0V
J18	3			BL	0.35	SK 2751 CONN. J3 PIN 8		0V
J18	4			BL	0.35	SK 2751 CONN. J3 PIN 13		-15V
J19	1							RX LOOP + DSK
J19	2							RX LOOP – DSK
J19	3							TX LOOP - DSK
J19	4							0V
J19	5							TX LOOP + DSK
J19	6							0V
J19	7							+24V
J19	8							0V
J20	1			BL	0.75	MORSETTO 1		+24V
J20	2			BL	0.75	MORSETTO 1		+24V
J20	3			BL	0.75	MORSETTO 5		0V
J20	4			BL	0.75	MORSETTO 5		0V
J21	1			BL	0.35		CONN. “P.CALZA” PIN 3	0V
J21	2			MR	0.35		CONN. “P.CALZA” PIN 2	ANOD. FOTODIODO
J21	3			NR	0.35		CONN. “P.CALZA” PIN 4	COLL. FOTODIODO
J21	4							0V

J10 = MODU2 4 POLI
J11= MODU2 2 POLI
J12 = SEK18 14 POLI
J13 = MODU2 4 POLI
J14 = MODU2 4X2 POLI
J15 = MODU2 4X2 POLI
J16 = SLA 4 POLI
J17 = MODU2 4X2 POLI
J18 = MODU2 4 POLI
J19 = MODU2 4X2 POLI
J20 = MODU1 4 POLI
J21 = MODU2 4 POLI

App : SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2004/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M003_00.DOC	Nome foglio: M003_00	Data: 30/07/2002

CIRCUIT 2004/1 MODULE 4

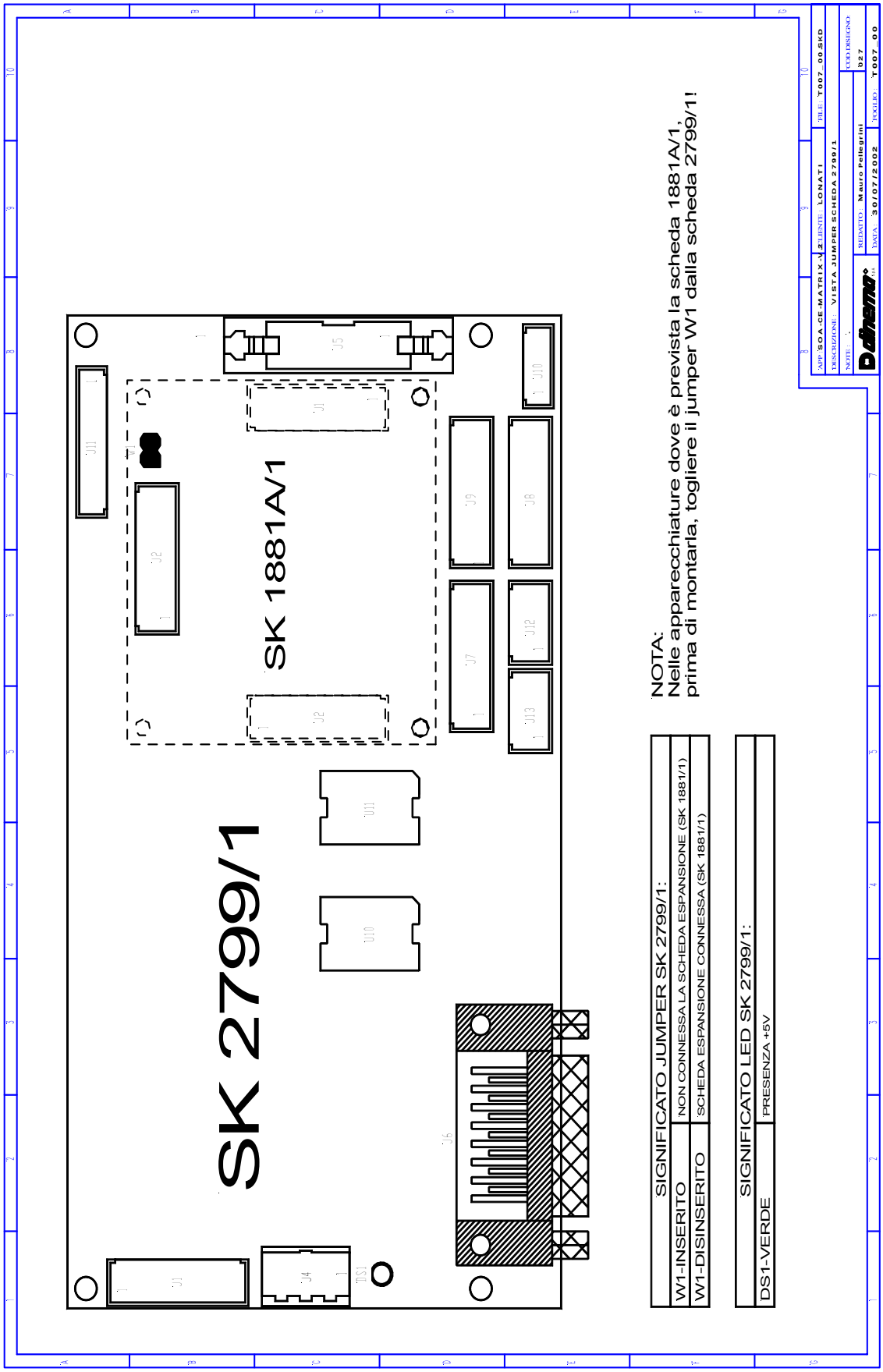
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J22	1							DIREZIONE MOTORE 1
J22	2							STEP MOTORE 1
J22	3							ZERO MOTORE 1
J22	4							*BUSY MOTORE 1
J22	5							+5V
J22	6							0V
J22	7							DIREZIONE MOTORE 2
J22	8							STEP MOTORE 2
J22	9							ZERO MOTORE 2
J22	10							*BUSY MOTORE 2
J22	11							+5V
J22	12							0V
J22	13							DIREZIONE MOTORE 3
J22	14							STEP MOTORE 3
J22	15							ZERO MOTORE 3
J22	16							*BUSY MOTORE 3
J22	17							+5V
J22	18							0V
J22	19							STEP MOTORE ELASTICO
J22	20							0V
J22	21							+24V
J22	22							0V
J22	23							+24V
J22	245							0V
J22	25							+24V
J22	26							0V
J23	1			BI	0.22		SK 1848 CONN. J1 PIN 5	ALL. AZIONAMENTO N.A.
J23	2			GV	0.22		SCHERMATURA	0V
J23	3			MR	0.22		SK 1848 CONN. J1 PIN 12	REF +
J23	4			GI	0.22		SK 1848 CONN. J1 PIN 4	0V
J23	5			VI	0.22		SK 1848 CONN. J1 PIN 24	ENABLE POLO 2
J23	6						SK 1848 CONN. J1 PIN 1	0V
J23	7			GR	0.22		SK 1848 CONN. J1 PIN 25	ENABLE POLO 1
J23	8			BL	0.22		SK 1848 CONN. J1 PIN 11	0V
J24	1			BL	0.35	SK 2751 CONN. J4 PIN 8		ALLARME MANCANZA 36V
J24	2			BL	0.35	SK 2751 CONN. J4 PIN 2		ALLARME MANCANZA FASE
J24	3			BL	0.35	SK 2751 CONN. J4 PIN 3		ALLARME BLACKOUT
J24	4			BL	0.35	SK 2751 CONN. J4 PIN 4		ALLARME BATTERIA KO
J24	5			BL	0.35	SK 2751 CONN. J4 PIN 5		INPUT TEST BATTERY
J24	6			BL	0.35	SK 2751 CONN. J4 PIN 6		CHECK 24V SERIALI

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J25	1			BL	0.35	SK 1799 CONN. J8 PIN 1		ENABLE MARCIA
J25	2							ENABLE MARCIA
J25	3							0V
J25	4			BL	0.35	SK 1799 CONN. J8 PIN 2		0V
J26	1			MR	0.35		CONN. "BTSR/AS" PIN 4	+24V
J26	2			BI	0.35		CONN. "BTSR/AS" PIN 2	ENABLE SENSORE
J26	3			RO	0.35		CONN. "BTSR/AS" PIN 1	STOP SENSORE
J26	5			BL	0.35		CONN. "BTSR/AS" PIN 3	0V
J27	1			BL	0.35	LAMPADA BIANCA DS5 POLO 1		LAMPADA BIANCA DS4 POLO 1
J27	2			BL	0.35	LAMPADA BIANCA DS5 POLO 2		LAMPADA BIANCA DS4 POLO 2
J27	3			BL	0.35	SELETTORE CHIAVE POLO 2		0V
J27	4			BL	0.35	LAMPADA BLU DS4 POLO 1		LAMPADA BLU DS3 POLO 1
J27	5							N.C.
J27	6			BL	0.35	LAMPADA BLU DS4 POLO 2		LAMPADA BLU DS3 POLO 2
J27	7							N.C.
J27	8			BL	0.35	SELETTORE CHIAVE POLO 1		CSP 1
J28	1			BL	0.35	SK 1799 CONN. J4 PIN 1		MANSCT
J28	2			BL	0.35	SK 1799 CONN. J4 PIN 2		MANCONT
J28	3			BL	0.35	SK 1799 CONN. J4 PIN 3		TMECC
J28	4			BL	0.35	SK 1799 CONN. J4 PIN 4		MICRO CARTER OPEN
J28	5			BL	0.35	SK 1799 CONN. J4 PIN 5		PMP
J28	6							0V
J29	1			MR	0.35		SK 1848 CONN. J1 PIN 21	+15V
J29	2			BL	0.35		SK 1848 CONN. J1 PIN 22	0V
J29	3			NR	0.35		SK 1848 CONN. J1 PIN 23	-15V
J29	4							0V
J30	1							*PROG EX
J30	2							CCLK EX
J30	3							DOUT EX
J30	4							*INIT
J30	5							DONE
J30	6							OV
J40	1							+24V
J40	2							ZER EX
J40	3							0V
J40	4							0V

J22 = SEK18 26 POLI J24 = MODU2 6 POLI J26 = MODU2 4 POLI J28 = MODU2 6 POLI J30 = SEK 18 6 POLI
J23 = MODU2 4X2 POLI J25 = MODU2 4 POLI J27 = MODU2 4X2 POLI J29 = MODU2 4 POLI J40 = MODU2 4 POLI

App: SOA-CE-MATRIX-V.2	**Descrizione: CABLAGGI SCHEDA 2004/1**	**Cliente: LONATI**	**Note:**	
	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M004_00.DOC**	**Nome foglio: M004_00**	**Data: 30/07/2002**

View and connections for jumper on circuit 2799/1



Wiring of circuit 2799/1 MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							INP 16 SCORTA (INPUT 16)
J1	2							INP 1 SCORTA (INPUT 1)
J1	3							INP 15 SCORTA (INPUT 15)
J1	4							INP 2 SCORTA (INPUT 2)
J1	5							INP 14 SCORTA (INPUT 14)
J1	6							INP 3 SCORTA (INPUT 3)
J1	7							INP 13 SCORTA (INPUT 13)
J1	8							INP 4 SCORTA (INPUT 4)
J1	9							INP 12 SCORTA (INPUT 12)
J1	10							INP 5 SCORTA (INPUT 5)
J1	11							INP 11 SCORTA (INPUT 11)
J1	12							INP 6 SCORTA (INPUT 6)
J1	13							INP 10 SCORTA (INPUT 10)
J1	14							INP 7 SCORTA (INPUT 7)
J1	15							INP 9 SCORTA (INPUT 9)
J1	16							INP 8 SCORTA (INPUT 8)
J2	1					SK 1881 CONN. J3 PIN 1		*CE1SPI
J2	2					SK 1881 CONN. J3 PIN 2		0V
J2	3					SK 1881 CONN. J3 PIN 3		CKSPI
J2	4					SK 1881 CONN. J3 PIN 4		0V
J2	5					SK 1881 CONN. J3 PIN 5		SPIOUT1
J2	6					SK 1881 CONN. J3 PIN 6		0V
J2	7					SK 1881 CONN. J3 PIN 7		SPIOUT
J2	8					SK 1881 CONN. J3 PIN 8		0V
J2	9					SK 1881 CONN. J3 PIN 9		*RESETSPI
J2	10					SK 1881 CONN. J3 PIN 10		0V
J2	11					SK 1881 CONN. J3 PIN 11		+24V
J2	12					SK 1881 CONN. J3 PIN 12		+24V
J2	13					SK 1881 CONN. J3 PIN 13		+24V
J2	14					SK 1881 CONN. J3 PIN 14		+24V
J2	15					SK 1881 CONN. J3 PIN 15		+24V
J2	16					SK 1881 CONN. J3 PIN 16		+24V
J4	1			BL	0.75	MORSETTO 2		+24V
J4	2			BL	0.75	MORSETTO 2		+24V
J4	3			BL	0.75	MORSETTO 6		0V
J4	4			BL	0.75	MORSETTO 6		0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J5	1	CVP 091				SK 2004 CONN. J12 PIN 1		0V
J5	2	CVP 091				SK 2004 CONN. J12 PIN 2		CKSPI
J5	3	CVP 091				SK 2004 CONN. J12 PIN 3		0V
J5	4	CVP 091				SK 2004 CONN. J12 PIN 4		SOUTSPI
J5	5	CVP 091				SK 2004 CONN. J12 PIN 5		0V
J5	6	CVP 091				SK 2004 CONN. J12 PIN 6		*RESETSPI
J5	7	CVP 091				SK 2004 CONN. J12 PIN 7		0V
J5	8	CVP 091				SK 2004 CONN. J12 PIN 8		*CE1SPI
J5	9	CVP 091				SK 2004 CONN. J12 PIN 8		0V
J5	10	CVP 091				SK 2004 CONN. J12 PIN 10		*CE2SPI
J5	11	CVP 091				SK 2004 CONN. J12 PIN 11		0V
J5	12	CVP 091				SK 2004 CONN. J12 PIN 12		SINSPI
J5	13	CVP 091				SK 2004 CONN. J12 PIN 12		0V
J5	14	CVP 091				SK 2004 CONN. J12 PIN 14		0V
J6	1	CBL 406				SK 2703 CONN. J12 PIN 1		CKSPI+
J6	2	CBL 406				SK 2703 CONN. J12 PIN 2		CKSPI-
J6	3	CBL 406				SK 2703 CONN. J12 PIN 3		SIAPPSPI+
J6	4	CBL 406				SK 2703 CONN. J12 PIN 4		SIAPPSPI-
J6	5	CBL 406				SK 2703 CONN. J12 PIN 5		SOUTSPI+
J6	6	CBL 406				SK 2703 CONN. J12 PIN 6		SOUTSPI-
J6	7	CBL 406				SK 2703 CONN. J12 PIN 7		*CE1SPI+
J6	8	CBL 406				SK 2703 CONN. J12 PIN 8		*CE1SPI-
J6	9	CBL 406				SK 2703 CONN. J12 PIN 9		*CE2SPI+
J6	10	CBL 406				SK 2703 CONN. J12 PIN 10		*CE2SPI-
J6	11	CBL 406				SK 2703 CONN. J12 PIN 11		*RESETSPI+
J6	12	CBL 406				SK 2703 CONN. J12 PIN 12		*RESETSPI-
J6	13	CBL 406				SCHERMO		0V
J6	14	CBL 406				SCHERMO		0V
J6	15	CBL 406				SCHERMO		0V

J1 = MODU2 8X2 POLI J4 = MODU1 4 POLI J6 = VASCHETTA 15 POLI
J2 = MODU2 8X2 POLI J5 = SEK18 14 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2799/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M012_00.DOC	Nome foglio: M012_00	Data: 30/07/2002

CIRCUIT 2799/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1							OUT 16 (Motore Hepp cad.1)
J7	2							+24V
J7	3							OUT 15 (Motore Hepp cad.2)
J7	4							+24V
J7	5							OUT 14 (Motore Hepp cad.3)
J7	6							+24V
J7	7							OUT 13 (Motore Hepp cad.4)
J7	8							+24V
J7	9							OUT 12 (Lampada DSK - Optional)
J7	10							+24V
J7	11							OUT 11 (Lampada LCD - Optional)
J7	12							+24V
J7	13							OUT 10 (Incremento motori Hepp)
J7	14							+24V
J7	15							OUT 9 (Decremento motori Hepp)
J7	16							+24V
J8	1			RO	0.20		CONN. "VENTOLA" PIN 5	+24V (+24 VDC ventola)
J8	2							+24V
J8	3							+24V
J8	4							+24V
J8	5			MR	0.20		CONN. "VENTOLA" PIN 6	OUT 8 (Uscita ventola)
J8	6			BI	0.20		CONN. "VENTOLA" PIN 7	INPUT 32 (Termico ventola)
J8	7							OUT 7 (Reset errore motori Hepp)
J8	8			NR	0.20		CONN. "SA" PIN 1	INPUT 31 (Stop avvolgitori)
J8	9							OUT 6 (Uscita per Dacsy)
J8	10			NR	0.35		CONN. "S. IMP." PIN 2	INPUT 30 (Stop impalcatura)
J8	11							OUT 5 (Errore scorr. per Dacsy)
J8	12							INPUT 29 (Errore motori Hepp)
J8	13							0V
J8	14							0V
J8	15			BL	0.20		CONN. "VENTOLA" PIN 8	0V (0 VDC ventola)
J8	16			BL	0.35		CONN. "SA" PIN 2	0V (+24 VDC avvolgitori)
J9	1							+24V
J9	2							+24V
J9	3							+24V
J9	4							+24V
J9	5							OUT 4
J9	6							INPUT 28
J9	7							OUT 3
J9	8							INPUT 27
J9	9							OUT 2
J9	10							INPUT 26

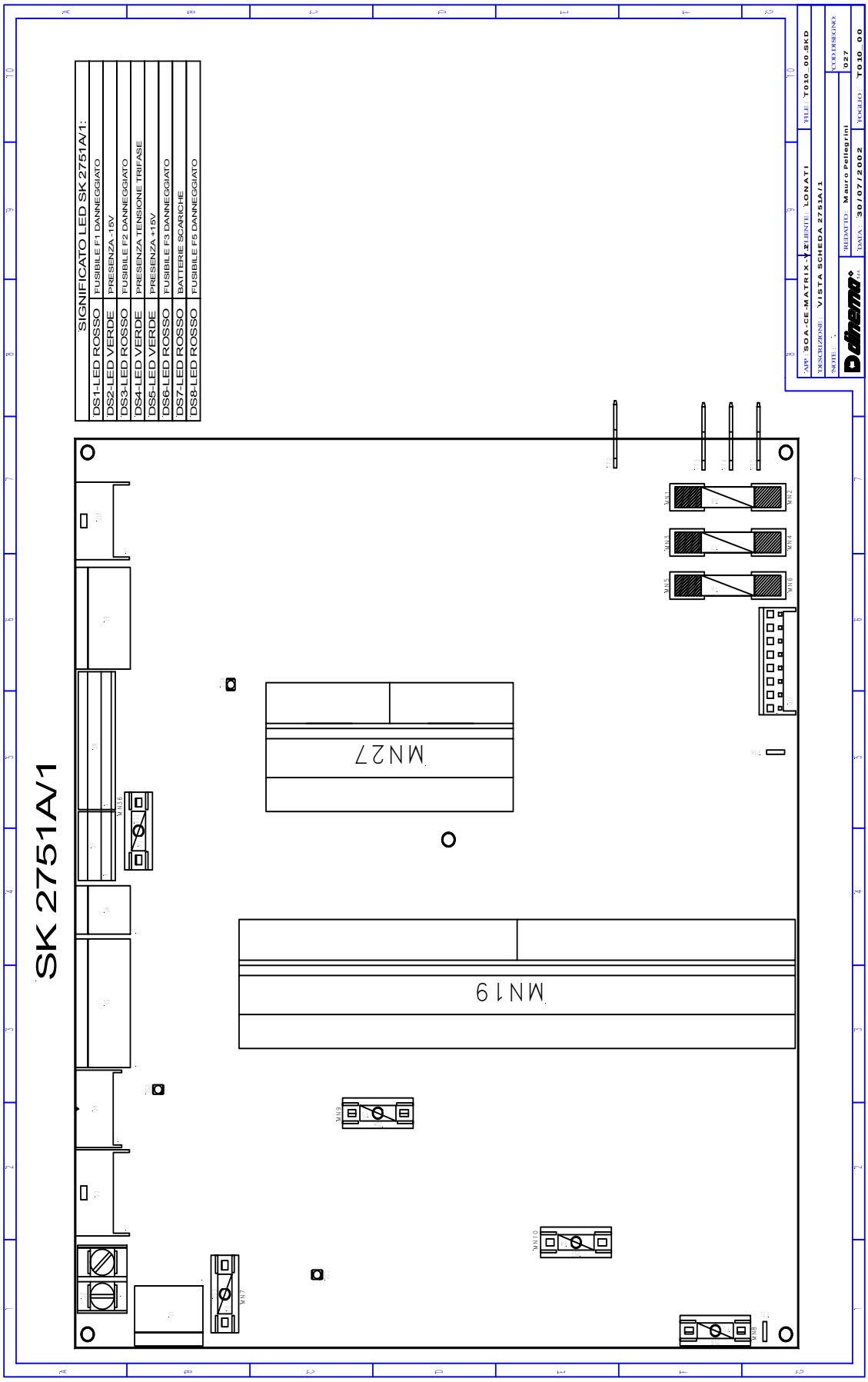
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J9	11							OUT 1
J9	12							INPUT 25
J9	13							0V
J9	14							0V
J9	15							0V
J9	16							0V
J10	1			NR	0.20		CONNETTORE SC1 PIN 3	INPUT 24 (Tensionatori lycra cad.1)
J10	2			NR	0.20		CONNETTORE SC2 PIN 3	INPUT 23 (Tensionatori lycra cad.2)
J10	3			NR	0.20		CONNETTORE SC3 PIN 3	INPUT 22 (Tensionatori lycra cad.3)
J10	4			NR	0.20		CONNETTORE SC4 PIN 3	INPUT 21 (Tensionatori lycra cad.4)
J11	1			BL	0.35		FASTON S. MAN	INPUT 20 (Stop manovella)
J11	2			BL	0.35		FASTON S. OLIO	INPUT 19 (Stop mancanza olio)
J11	3			BL	0.35		FASTON P. OLIO	INPUT 18 (Stop pressione olio)
J11	4							INPUT 17
J11	5			NR	0.35		FASTON S. OLIO	0V (0 VDC Stop mancanza olio)
J11	6			NR	0.35		FASTON P. OLIO	0V (0 VDC Stop pressione olio)
J11	7							0V
J11	8							0V
J12	1			BL	0.20		CONN. SC1 PIN 1	0V (0 VDC Tensionatori lycra cad.1)
J12	2			MR	0.20		CONN. SC1 PIN 2	+24V (+24 VDC Tensionatori lycra
J12	3			BL	0.20		CONN. SC2 PIN 1	0V (0 VDC Tensionatori lycra cad.2)
J12	4			MR	0.20		CONN. SC2 PIN 2	+24V (+24 VDC Tensionatori lycra
J12	5			BL	0.20		CONN. SC3 PIN 1	0V (0 VDC Tensionatori lycra cad.3)
J12	6			MR	0.20		CONN. SC3 PIN 2	+24V (+24 VDC Tensionatori lycra
J12	7			BL	0.20		CONN. SC4 PIN 1	0V (0 VDC Tensionatori lycra cad.4)
J12	8			MR	0.20		CONN. SC4 PIN 2	+24V (+24 VDC Tensionatori lycra
J13	1							0V
J13	2							+24V
J13	3							0V
J13	4							+24V
J13	5							0V
J13	6							+24V
J13	7							0V
J13	8							+24V

J7 = MODU2 8X2 POLI J9 = MODU2 8X2 POLI J11 = MODU2 8 POLI J13 = MODU2 4X2 POLI
J8 = MODU2 8X2 POLI J10 = MODU2 4 POLI J12 = MODU2 4X2 POLI

App: SOA-CE-MATRIX-V.2	**Descrizione: CABLAGGI SCHEDA 2799/1**	**Cliente: LONATI**	**Note: I motori Hepp sono utilizzati solo dalle FL54J - OT/CT**

	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M013_00.DOC**	**Nome foglio: M013_00**	**Data: 30/07/2002**

View and Connections of circuit 2751A/1



Wiring of circuit 2751A/1 MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 5		TERRA
FT2				GV	2.5	ALLA BARRA DI TERRA "1" VITE 6		TERRA
FT3				NR	2.5	MORSETTO R		FASE R
FT4				NR	2.5	MORSETTO S		FASE S
FT5				NR	2.5	MORSETTO T		FASE T
FT6								TERRA
J1	1			BL	0.75	SK 2703 CONN. J11 PIN 1		+24V SERIALI
J1	2			BL	0.75	SK 2703 CONN. J11 PIN 1		+24V SERIALI
J1	3			BL	0.75	SK 2703 CONN. J11 PIN 2		CHECK 24V
J1	4							0V
J1	5			BL	0.75	SK 2703 CONN. J11 PIN 4		0V
J1	6			BL	0.75	SK 2703 CONN. J11 PIN 4		0V
J2	1			BL	2.5	FUSIBILE		+24V
J2	2			BL	2.5	MORSETTO 5		0V
J3	1			BL	0.35	SK 2004 CONN. J18 PIN 1		+15V
J3	2			BL	0.35	SK 2846/1 CONN. J4 PIN 1		+15V
J3	3			BL	0.35	SK 2846/2 CONN. J4 PIN 1		+15V
J3	4							+15V
J3	5							+15V
J3	6							+15V
J3	7			BL	0.35	SK 2004 CONN. J18 PIN 2		0V
J3	8			BL	0.35	SK 2004 CONN. J18 PIN 3		0V
J3	9			BL	0.35	SK 2846/1 CONN. J4 PIN 2		0V
J3	10			BL	0.35	SK 2846/2 CONN. J4 PIN 2		0V
J3	11			BL	0.35	SK 2846/1 CONN. J4 PIN 4		0V
J3	12			BL	0.35	SK 2846/2 CONN. J4 PIN 4		0V
J3	13			BL	0.35	SK 2004 CONN. J18 PIN 4		-15V
J3	14			BL	0.35	SK 2846/1 CONN. J4 PIN 3		-15V
J3	15			BL	0.35	SK 2846/2 CONN. J4 PIN 3		-15V
J3	16							-15V
J3	17							-15V
J3	18							-15V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1							MANCANZA +48V
J4	2			BL	0.35	SK 2004 CONN. J24 PIN 2		MANCANZA FASE
J4	3			BL	0.35	SK 2004 CONN. J24 PIN 3		BLACK_OUT
J4	4			BL	0.35	SK 2004 CONN. J24 PIN 4		BATTERIA KO
J4	5			BL	0.35	SK 2004 CONN. J24 PIN 5		TEST BATTERIA
J4	6			BL	0.35	SK 2004 CONN. J24 PIN 6		CHECK 24V SERIALI
J4	7							MANCANZA -48V
J4	8			BL	0.35	SK 2004 CONN. J24 PIN 1		MANCANZA +36V
J5	1							+48V
J5	2							+48V
J5	3							0V
J5	4							0V
J5	5							0V
J5	6							0V
J5	7							0V
J5	8							0V
J5	9							-48V
J5	10							-48V
J6	1			RO	0.75	POLO POSITIVO BATTERIA "B1"		POLO + BATTERIA B1
J6	2			NR	0.75	POLO NEGATIVO BATTERIA "B1"		POLO - BATTERIA B1
J6	3			RO	0.75	POLO POSITIVO BATTERIA "B2"		POLO + BATTERIA B2
J6	4			NR	0.75	POLO NEGATIVO BATTERIA "B2"		POLO - BATTERIA B2
J7	1			BL	1	SK 2004 CONN. J16 PIN 3		0V
J7	2			BL	1	SK 2754 CONN. J25 PIN 2		0V
J7	3			BL	1	SK 2004 CONN. J16 PIN 1		+5V
J7	4			BL	1	SK 2754 CONN. J25 PIN 1		+5V
J8	1			BL	1.5	SK 2754 CONN. J22 PIN 3		0V
J8	2			BL	1.5	SK 2754 CONN. J22 PIN 4		0V
J8	3			BL	0.75	SK 2846/1 CONN. J3 PIN 6		0V
J8	4			BL	0.75	SK 2846/2 CONN. J3 PIN 6		0V
J8	5			BL	1.5	SK 2754 CONN. J22 PIN 1		+36V
J8	6			BL	1.5	SK 2754 CONN. J22 PIN 2		+36V
J8	7			BL	0.75	SK 2846/1 CONN. J3 PIN 1		+36V
J8	8			BL	0.75	SK 2846/2 CONN. J3 PIN 1		+36V

J1 = MODU1 6 POLI J3 = MODU2 9X2 POLI J5 = MODU1 10 POLI J7 = SLA 4 POLI
J2 = MORSETTIERA 2 POLI J4 = MODU2 8 POLI J6 = MODU1 4 POLI J8 = SLA 8 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2751A/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M024_00.DOC	Nome foglio: M024_00	Data: 30/07/2002

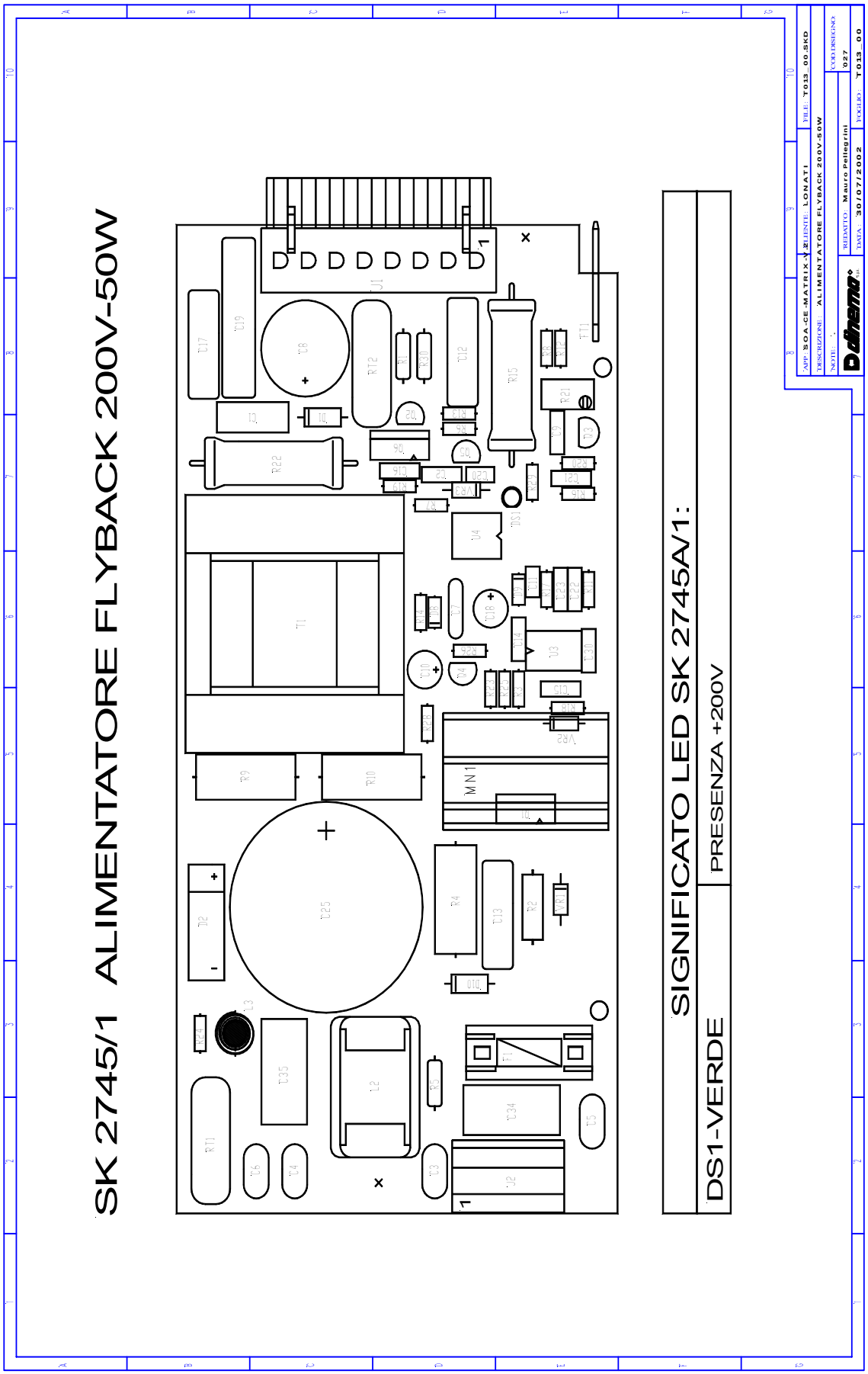
CIRCUIT 2751A/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE	
J9	1							+24V	
J9	2							+24V	
J9	3							+24V	
J9	4							+24V	
J9	5							0V	
J9	6							0V	
J9	7							0V	
J9	8							0V	
J10	1							+24V	
J10	2							+24V	
J10	3							+24V	
J10	4							+24V	
J10	5							+24V	
J10	6							+24V	
J10	7							+24V	
J10	8							+24V	
J10	9							0V	
J10	10							0V	
J10	11							0V	
J10	12							0V	
J10	13							0V	
J10	14							0V	
J10	15							0V	
J10	16							0V	

J9 = MODU1 8 POLI
J10 = MODU2 8X2 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2751A/1	Cliente: LONATI	Note:	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M025_00.DOC	Nome foglio: M025_00	Data:30/07/2002

View and Connections of circuit 2745/1 Flyback feeder 200V-50W



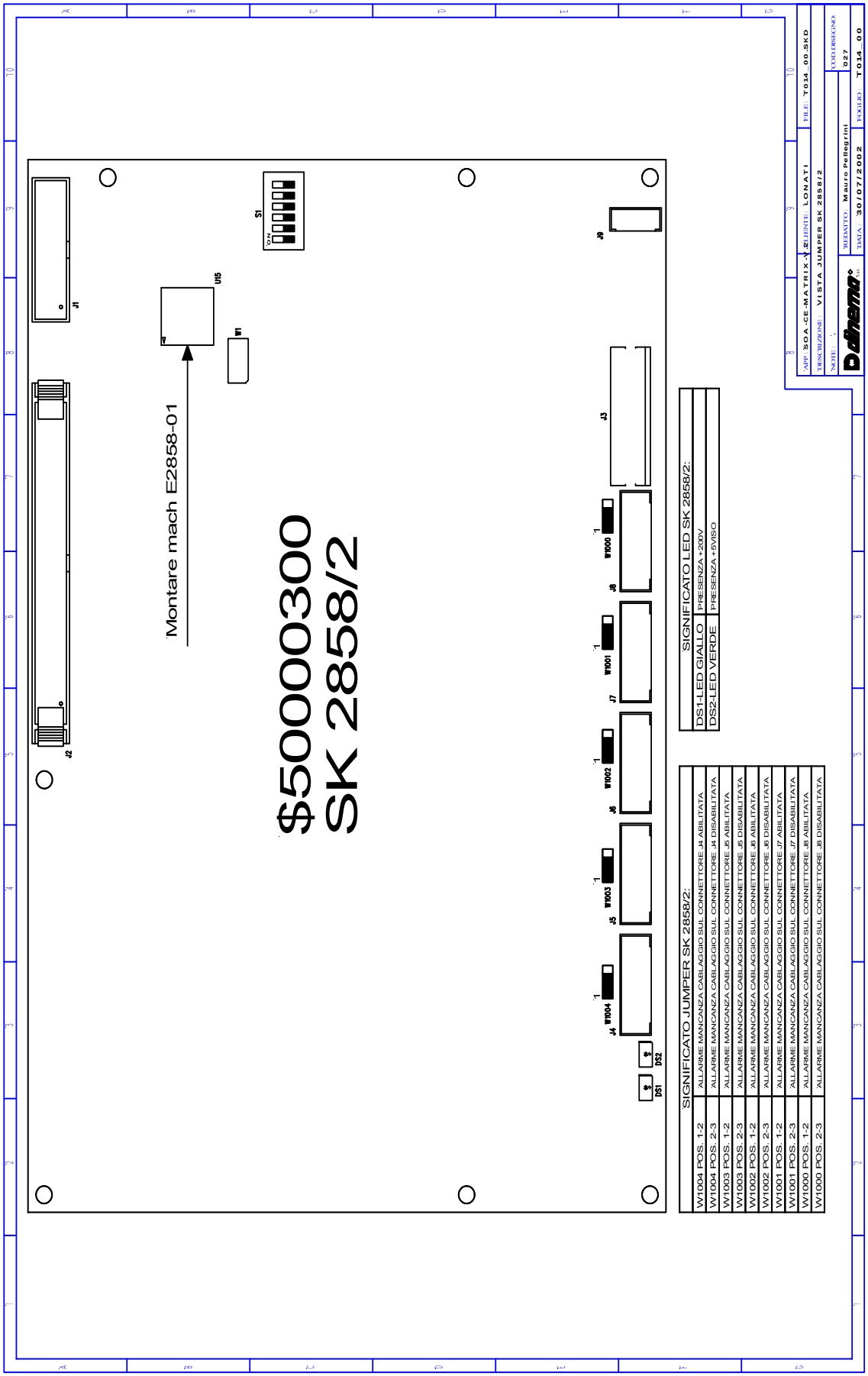
Connections of circuit 2745A/1 SINGLE MODULE

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "2" VITE 5		TERRA
J1	1			BIA	0.75	SK 2858 CONN. J3 PIN 1		+200V
J1	2			BIA	0.75	SK 2858 CONN. J3 PIN 2		+200V
J1	3			BIA	0.75	SK 2859 CONN. J3 PIN 1		+200V
J1	4			BIA	0.75	SK 2859 CONN. J3 PIN 2		+200V
J1	5			GRI	0.75	SK 2858 CONN. J3 PIN 5		0V
J1	6			GRI	0.75	SK 2858 CONN. J3 PIN 6		0V
J1	7			GRI	0.75	SK 2859 CONN. J3 PIN 5		0V
J1	8			GRI	0.75	SK 2859 CONN. J3 PIN 6		0V
J2	1			NR	1	MORSETTO R		FASE N
J2	2			NR	1	MORSETTO S		FASE L
J2	3							N.C.
J2	4			GV	1	ALLA BARRA DI TERRA "2" VITE 4		EARTH

FT1 = FASTON 6.3mm J2 = SLA 4 POLI
J1 = PHOENIX 8 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGIO SCHEDA 2745A/1		Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M018_00.DOC	Nome foglio: M018_00	Data: 30/07/2002

View and Connections of circuit 2858/2



Connections of circuit MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1	CVP 199				SK 2859 CONN. J1 PIN 1		VCC
J1	2	CVP 199				SK 2859 CONN. J1 PIN 2		VCC
J1	3	CVP 199				SK 2859 CONN. J1 PIN 3		D0
J1	4	CVP 199				SK 2859 CONN. J1 PIN 4		SLA0
J1	5	CVP 199				SK 2859 CONN. J1 PIN 5		ALL-CN6
J1	6	CVP 199				SK 2859 CONN. J1 PIN 6		SLA1
J1	7	CVP 199				SK 2859 CONN. J1 PIN 7		ALL-CN7
J1	8	CVP 199				SK 2859 CONN. J1 PIN 8		SLA2
J1	9	CVP 199				SK 2859 CONN. J1 PIN 9		ALL-CN8
J1	10	CVP 199				SK 2859 CONN. J1 PIN 10		*SCLS5
J1	11	CVP 199				SK 2859 CONN. J1 PIN 11		ALL-CN9
J1	12	CVP 199				SK 2859 CONN. J1 PIN 12		*SLCS6
J1	13	CVP 199				SK 2859 CONN. J1 PIN 13		ALL-CN10
J1	14	CVP 199				SK 2859 CONN. J1 PIN 14		*SLCS7
J1	15	CVP 199				SK 2859 CONN. J1 PIN 15		*SLRES
J1	16	CVP 199				SK 2859 CONN. J1 PIN 16		*SLCS8
J1	17	CVP 199				SK 2859 CONN. J1 PIN 17		*ALL-V2
J1	18	CVP 199				SK 2859 CONN. J1 PIN 18		*SLCS9
J1	19	CVP 199				SK 2859 CONN. J1 PIN 19		0V
J1	20	CVP 199				SK 2859 CONN. J1 PIN 20		0V
J2	1	CVP 203				SK 2846/2 CONN. J7 PIN 1		0V
J2	2	CVP 203				SK 2846/2 CONN. J7 PIN 2		0V
J2	3	CVP 203				SK 2846/2 CONN. J7 PIN 3		D1
J2	4	CVP 203				SK 2846/2 CONN. J7 PIN 4		D0
J2	5	CVP 203				SK 2846/2 CONN. J7 PIN 5		D3
J2	6	CVP 203				SK 2846/2 CONN. J7 PIN 6		D2
J2	7	CVP 203				SK 2846/2 CONN. J7 PIN 7		D5
J2	8	CVP 203				SK 2846/2 CONN. J7 PIN 8		D4
J2	9	CVP 203				SK 2846/2 CONN. J7 PIN 9		D7
J2	10	CVP 203				SK 2846/2 CONN. J7 PIN 10		D6
J2	11	CVP 203				SK 2846/2 CONN. J7 PIN 11		0V
J2	12	CVP 203				SK 2846/2 CONN. J7 PIN 12		0V
J2	13	CVP 203				SK 2846/2 CONN. J7 PIN 13		A1
J2	14	CVP 203				SK 2846/2 CONN. J7 PIN 14		A0
J2	15	CVP 203				SK 2846/2 CONN. J7 PIN 15		A3
J2	16	CVP 203				SK 2846/2 CONN. J7 PIN 16		A2
J2	17	CVP 203				SK 2846/2 CONN. J7 PIN 17		A5
J2	18	CVP 203				SK 2846/2 CONN. J7 PIN 18		A4
J2	19	CVP 203				SK 2846/2 CONN. J7 PIN 19		A7
J2	20	CVP 203				SK 2846/2 CONN. J7 PIN 20		A6
J2	21	CVP 203				SK 2846/2 CONN. J7 PIN 21		A9
J2	22	CVP 203				SK 2846/2 CONN. J7 PIN 22		A8
J2	23	CVP 203				SK 2846/2 CONN. J7 PIN 23		A11

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J2	24	CVP 203				SK 2846/2 CONN. J7 PIN 24		A10
J2	25	CVP 203				SK 2846/2 CONN. J7 PIN 25		A13
J2	26	CVP 203				SK 2846/2 CONN. J7 PIN 26		A12
J2	27	CVP 203				SK 2846/2 CONN. J7 PIN 27		A15
J2	28	CVP 203				SK 2846/2 CONN. J7 PIN 28		A14
J2	29	CVP 203				SK 2846/2 CONN. J7 PIN 29		0V
J2	30	CVP 203				SK 2846/2 CONN. J7 PIN 30		0V
J2	31	CVP 203				SK 2846/2 CONN. J7 PIN 31		*RD
J2	32	CVP 203				SK 2846/2 CONN. J7 PIN 32		R/*W
J2	33	CVP 203				SK 2846/2 CONN. J7 PIN 33		N.C.
J2	34	CVP 203				SK 2846/2 CONN. J7 PIN 34		*WD
J2	35	CVP 203				SK 2846/2 CONN. J7 PIN 35		*VPA
J2	36	CVP 203				SK 2846/2 CONN. J7 PIN 36		N.C.
J2	37	CVP 203				SK 2846/2 CONN. J7 PIN 37		VBB
J2	38	CVP 203				SK 2846/2 CONN. J7 PIN 38		*RES
J2	39	CVP 203				SK 2846/2 CONN. J7 PIN 39		N.C.
J2	40	CVP 203				SK 2846/2 CONN. J7 PIN 40		N.C.
J2	41	CVP 203				SK 2846/2 CONN. J7 PIN 41		0V
J2	42	CVP 203				SK 2846/2 CONN. J7 PIN 42		N.C.
J2	43	CVP 203				SK 2846/2 CONN. J7 PIN 43		VCC
J2	44	CVP 203				SK 2846/2 CONN. J7 PIN 44		N.C.
J2	45	CVP 203				SK 2846/2 CONN. J7 PIN 45		VCC
J2	46	CVP 203				SK 2846/2 CONN. J7 PIN 46		N.C.
J2	47	CVP 203				SK 2846/2 CONN. J7 PIN 47		VCC
J2	48	CVP 203				SK 2846/2 CONN. J7 PIN 48		N.C.
J2	49	CVP 203				SK 2846/2 CONN. J7 PIN 49		VC
J2	50	CVP 203				SK 2846/2 CONN. J7 PIN 50		N.C.
J3	1			BIA	0.75	SK 2745 CONN. J1 PIN 1		200V
J3	2			BIA	0.75	SK 2745 CONN. J1 PIN 2		200V
J3	3							200V
J3	4							200V
J3	5			GRI	0.75	SK 2745 CONN. J1 PIN 5		0V
J3	6			GRI	0.75	SK 2745 CONN. J1 PIN 6		0V
J3	7			GV	0.75	ALLA BARRA DI TERRA “2” VITE 3		TERRA
J3	8			GV	0.75	ALLA BARRA DI TERRA “2” VITE 3		TERRA

J1 = SEK18 20 POLI
J2 = SEK18 50 POLI
J3 = MODU1 8 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2858/2	Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M019_00.DOC	Nome foglio: M019_00
			Data: 30/07/2002

CIRCUIT 2858/2 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1			BI	0.20		CONNETTORE "T5" PIN 1	$50000320 (OUT33)
J4	2			AZ	0.20		CONNETTORE "T5" PIN 12	200V
J4	3			GR	0.20		CONNETTORE "T5" PIN 2	$50000321 (OUT34)
J4	4			BL	0.20		CONNETTORE "T5" PIN 9	200V
J4	5			GI	0.20		CONNETTORE "T5" PIN 3	$50000322 (OUT35)
J4	6							0V
J4	7			VE	0.20		CONNETTORE "T5" PIN 4	$50000323 (OUT36)
J4	8							0V
J4	9			MA	0.20		CONNETTORE "T5" PIN 5	$50000324 (OUT37)
J4	10							ALL-CN5
J4	11			NR	0.20		CONNETTORE "T5" PIN 6	$50000325 (OUT38)
J4	12							TERRA
J4	13			RO	0.20		CONNETTORE "T5" PIN 7	$50000326 (OUT39)
J4	14							TERRA
J4	15			VI	0.20		CONNETTORE "T5" PIN 8	$50000327 (OUT40)
J4	16							TERRA
J5	1			BI	0.20		CONNETTORE "T4" PIN 1	$50000318 (OUT25)
J5	2			AZ	0.20		CONNETTORE "T4" PIN 12	200V
J5	3			GR	0.20		CONNETTORE "T4" PIN 2	$50000319 (OUT26)
J5	4			BL	0.20		CONNETTORE "T4" PIN 9	200V
J5	5			GI	0.20		CONNETTORE "T4" PIN 3	$5000031A (OUT27)
J5	6							0V
J5	7			VE	0.20		CONNETTORE "T4" PIN 4	$5000031B (OUT28)
J5	8							0V
J5	9			MA	0.20		CONNETTORE "T4" PIN 5	$5000031C (OUT29)
J5	10							ALL-CN4
J5	11			NR	0.20		CONNETTORE "T4" PIN 6	$5000031D (OUT30)
J5	12							TERRA
J5	13			RO	0.20		CONNETTORE "T4" PIN 7	$5000031E (OUT31)
J5	14							TERRA
J5	15			VI	0.20		CONNETTORE "T4" PIN 8	$5000031F (OUT32)
J5	16							TERRA
J6	1			BI	0.20		CONNETTORE "T3" PIN 1	$50000310 (OUT17)
J6	2			AZ	0.20		CONNETTORE "T3" PIN 12	200V
J6	3			GR	0.20		CONNETTORE "T3" PIN 2	$50000311 (OUT18)
J6	4			BL	0.20		CONNETTORE "T3" PIN 9	200V
J6	5			GI	0.20		CONNETTORE "T3" PIN 3	$50000312 (OUT19)
J6	6							0V
J6	7			VE	0.20		CONNETTORE "T3" PIN 4	$50000313 (OUT20)
J6	8							0V
J6	9			MA	0.20		CONNETTORE "T3" PIN 5	$50000314 (OUT21)
J6	10							ALL-CN3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	11			NR	0.20		CONNETTORE "T3" PIN 6	$50000315 (OUT22)
J6	12							TERRA
J6	13			RO	0.20		CONNETTORE "T3" PIN 7	$50000316 (OUT23)
J6	14							TERRA
J6	15			VI	0.20		CONNETTORE "T3" PIN 8	$50000317 (OUT24)
J6	16							TERRA
J7	1			BI	0.20		CONNETTORE "T2" PIN 1	$50000308 (OUT9)
J7	2			AZ	0.20		CONNETTORE "T2" PIN 12	200V
J7	3			GR	0.20		CONNETTORE "T2" PIN 2	$50000309 (OUT10)
J7	4			BL	0.20		CONNETTORE "T2" PIN 9	200V
J7	5			GI	0.20		CONNETTORE "T2" PIN 3	$5000030A (OUT11)
J7	6							0V
J7	7			VE	0.20		CONNETTORE "T2" PIN 4	$5000030B (OUT12)
J7	8							0V
J7	9			MA	0.20		CONNETTORE "T2" PIN 5	$5000030C (OUT13)
J7	10							ALL-CN2
J7	11			NR	0.20		CONNETTORE "T2" PIN 6	$5000030D (OUT14)
J7	12							TERRA
J7	13			RO	0.20		CONNETTORE "T2" PIN 7	$5000030E (OUT15)
J7	14							TERRA
J7	15			VI	0.20		CONNETTORE "T2" PIN 8	$5000030F (OUT16)
J7	16							TERRA
J8	1			BI	0.20		CONNETTORE "T1" PIN 1	$50000300 (OUT1)
J8	2			AZ	0.20		CONNETTORE "T1" PIN 12	200V
J8	3			GR	0.20		CONNETTORE "T1" PIN 2	$50000301 (OUT2)
J8	4			BL	0.20		CONNETTORE "T1" PIN 9	200V
J8	5			GI	0.20		CONNETTORE "T1" PIN 3	$50000302 (OUT3)
J8	6							0V
J8	7			VE	0.20		CONNETTORE "T1" PIN 4	$50000303 (OUT4)
J8	8							0V
J8	9			MA	0.20		CONNETTORE "T1" PIN 5	$50000304 (OUT5)
J8	10							ALL-CN1
J8	11			NR	0.20		CONNETTORE "T1" PIN 6	$50000305 (OUT6)
J8	12							TERRA
J8	13			RO	0.20		CONNETTORE "T1" PIN 7	$50000306 (OUT7)
J8	14							TERRA
J8	15			VI	0.20		CONNETTORE "T1" PIN 8	$50000307 (OUT8)
J8	16							TERRA

J4 = MODU2 8X2 POLI J6 = MODU2 8X2 POLI J8 = MODU2 8X2 POLI
J5 = MODU2 8X2 POLI J7 = MODU2 8X2 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2858/2	Cliente: LONATI	Note: Il connettore J4 è utilizzato solamente dalle FL626 OT/CT
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M020_00.DOC	Nome foglio: M020_00 / Data: 30/07/2002

CIRCUIT 2858/2 MODULE 3

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J9	1	CBL 581				SK 2859 CONN. J9 PIN 1		0V-ISO
J9	2	CBL 581				SK 2859 CONN. J9 PIN 2		0V-ISO
J9	3	CBL 581				SK 2859 CONN. J9 PIN 3		5V-ISO
J9	4	CBL 581				SK 2859 CONN. J9 PIN 4		5V-ISO

ALLARME MANCANZA TENSIONE:

INDIRIZZO	DATO	SEGNALE	FUNZIONE
$50000300	D0=0	ALL-V1	ALLARME MANCANZA TENSIONE +200VDC

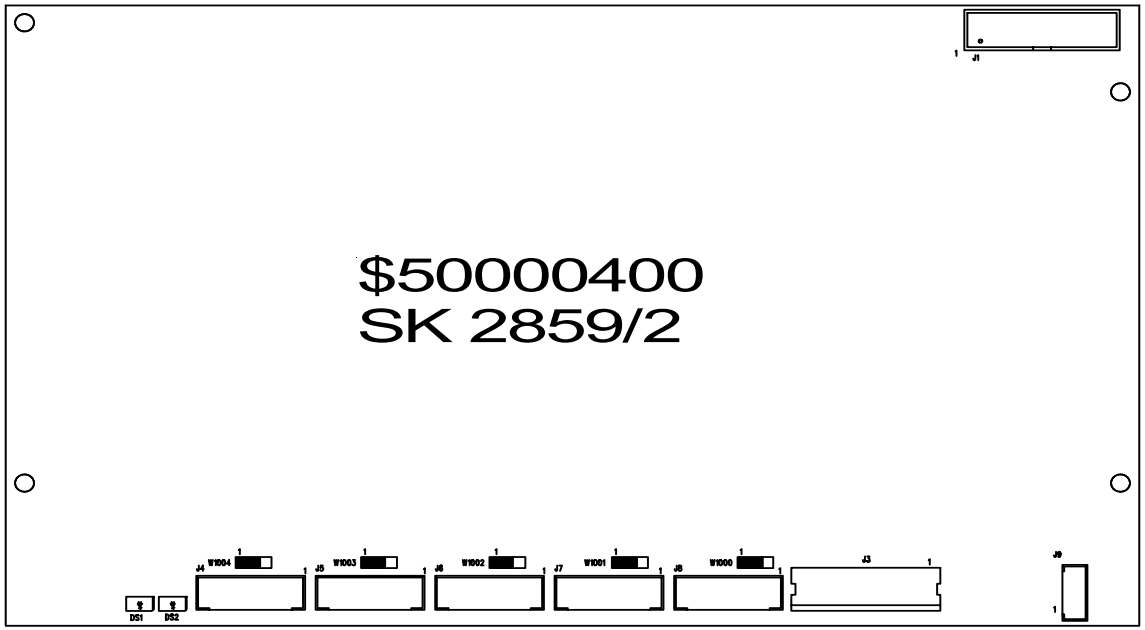
ALLARME CONNETTORE NON CONNESSO:

INDIRIZZO	DATO	SEGNALE	FUNZIONE
$50000308	D0=1	ALL-CN1	ALLARME CABLAGGIO CONNETTORE J4 NON CONNESSO
$50000308	D1=1	ALL-CN2	ALLARME CABLAGGIO CONNETTORE J5 NON CONNESSO
$50000308	D2=1	ALL-CN3	ALLARME CABLAGGIO CONNETTORE J6 NON CONNESSO
$50000308	D3=1	ALL-CN4	ALLARME CABLAGGIO CONNETTORE J7 NON CONNESSO
$50000308	D4=1	ALL-CN5	ALLARME CABLAGGIO CONNETTORE J8 NON CONNESSO

J9 = MODU2 4 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2858/2	Cliente: LONATI	Note:	
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M021_00.DOC	Nome foglio: M021_00	Data: 30/07/2002

View and Connections of circuit 2859/2



La SK 2859/2 viene montata di serie nelle apparecchiature:
LONATI SOA-CE-MATRIX-V.2 6 COLORI
+ KIT ELETTROVALVOLE BISTABILI
COD. DINEMA 600969
COD. LONATI D4901305

LONATI SOA-CE-MATRIX-V.2 6 COLORI
+ 1 COPERCHIO MOTORIZZATO
+ KIT ELETTROVALVOLE BISTABILI
COD. DINEMA 600970
COD. LONATI D4901306

LONATI SOA-CE-MATRIX-V.2 6 COLORI
+ MOTORINO DOPPIO
+ KIT ELETTROVALVOLE BISTABILI
COD. DINEMA 600971
COD. LONATI D4901307

NOTA IMPORTANTE:
La scheda 2859/2 deve essere fissata sopra la scheda 2858/2 tramite 4 distanziali tipo E/50, il CBL 0581 deve essere collegato dal connettore J9 della scheda 2858/2 al connettore J9 della scheda 2859/2, mentre il CVP 199 deve essere collegato dal connettore J1 della scheda 2858/2 al connettore J1 della scheda 2859/2!

SIGNIFICATO JUMPER SK 2859/2:	
W1004 POS. 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J4 ABILITATA
W1004 POS. 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J4 DISABILITATA
W1003 POS. 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J5 ABILITATA
W1003 POS. 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J5 DISABILITATA
W1002 POS. 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J6 ABILITATA
W1002 POS. 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J6 DISABILITATA
W1001 POS. 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J7 ABILITATA
W1001 POS. 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J7 DISABILITATA
W1000 POS. 1-2	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J8 ABILITATA
W1000 POS. 2-3	ALLARME MANCANZA CABLAGGIO SUL CONNETTORE J8 DISABILITATA

SIGNIFICATO LED SK 2859/2:	
DS1-LED GIALLO	PRESENZA +200V
DS2-LED VERDE	PRESENZA +5VISO

APP : SOA-CE-MATRIX-V.2	CLIENTE : LONATI	FILE : T015_00.SKD
DESCRIZIONE : VISTA JUMPER SK 2859/2		
NOTE :		COD.DISEGNO: 027
dinema S.p.A.	REDATTO : Mauro Pellegrini	
	DATA : 30/07/2002	FOGLIO : T015_00

Connections of circuit MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1	CVP 199				SK 2858 CONN. J1 PIN 1		VCC
J1	2	CVP 199				SK 2858 CONN. J1 PIN 2		VCC
J1	3	CVP 199				SK 2858 CONN. J1 PIN 3		D0
J1	4	CVP 199				SK 2858 CONN. J1 PIN 4		A0
J1	5	CVP 199				SK 2858 CONN. J1 PIN 5		ALL-CN1
J1	6	CVP 199				SK 2858 CONN. J1 PIN 6		A1
J1	7	CVP 199				SK 2858 CONN. J1 PIN 7		ALL-CN2
J1	8	CVP 199				SK 2858 CONN. J1 PIN 8		A2
J1	9	CVP 199				SK 2858 CONN. J1 PIN 9		ALL-CN3
J1	10	CVP 199				SK 2858 CONN. J1 PIN 10		*CS0
J1	11	CVP 199				SK 2858 CONN. J1 PIN 11		ALL-CN4
J1	12	CVP 199				SK 2858 CONN. J1 PIN 12		*CS1
J1	13	CVP 199				SK 2858 CONN. J1 PIN 13		ALL-CN5
J1	14	CVP 199				SK 2858 CONN. J1 PIN 14		*CS2
J1	15	CVP 199				SK 2858 CONN. J1 PIN 15		*IRES
J1	16	CVP 199				SK 2858 CONN. J1 PIN 16		*CS3
J1	17	CVP 199				SK 2858 CONN. J1 PIN 17		*ALL-V1
J1	18	CVP 199				SK 2858 CONN. J1 PIN 18		*CS4
J1	19	CVP 199				SK 2858 CONN. J1 PIN 19		0V
J1	20	CVP 199				SK 2858 CONN. J1 PIN 20		0V
J3	1			BIA	0.75	SK 2745 CONN. J1 PIN 3		200V
J3	2			BIA	0.75	SK 2745 CONN. J1 PIN 4		200V
J3	3							200V
J3	4							200V
J3	5			GRI	0.75	SK 2745 CONN. J1 PIN 7		0V
J3	6			GRI	0.75	SK 2745 CONN. J1 PIN 8		0V
J3	7			GV	0.75	ALLA BARRA DI TERRA “2” VITE 2		TERRA
J3	8			GV	0.75	ALLA BARRA DI TERRA “2” VITE 2		TERRA
J4	1							$50000420 (OUT33)
J4	2							200V
J4	3							$50000421 (OUT34)
J4	4							200V
J4	5							$50000422 (OUT35)
J4	6							0V
J4	7							$50000423 (OUT36)
J4	8							0V
J4	9							$50000424 (OUT37)
J4	10							ALL-CN5
J4	11							$50000425 (OUT38)
J4	12							TERRA
J4	13							$50000426 (OUT39)
J4	14							TERRA

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	15							$50000427 (OUT40)
J4	16							TERRA
J5	1			BI	0.20		CONNETTORE “T9” PIN 1	$50000418 (OUT25)
J5	2			AZ	0.20		CONNETTORE “T9” PIN 12	200V
J5	3			GR	0.20		CONNETTORE “T9” PIN 2	$50000419 (OUT26)
J5	4			BL	0.20		CONNETTORE “T9” PIN 9	200V
J5	5			GI	0.20		CONNETTORE “T9” PIN 3	$5000041A (OUT27)
J5	6							0V
J5	7			VE	0.20		CONNETTORE “T9” PIN 4	$5000041B (OUT28)
J5	8							0V
J5	9			MA	0.20		CONNETTORE “T9” PIN 5	$5000041C (OUT29)
J5	10							ALL-CN4
J5	11			NR	0.20		CONNETTORE “T9” PIN 6	$5000041D (OUT30)
J5	12							TERRA
J5	13			RO	0.20		CONNETTORE “T9” PIN 7	$5000041E (OUT31)
J5	14							TERRA
J5	15			VI	0.20		CONNETTORE “T9” PIN 8	$5000041F (OUT32)
J5	16							TERRA
J6	1			BI	0.20		CONNETTORE “T8” PIN 1	$50000410 (OUT17)
J6	2			AZ	0.20		CONNETTORE “T8” PIN 12	200V
J6	3			GR	0.20		CONNETTORE “T8” PIN 2	$50000411 (OUT18)
J6	4			BL	0.20		CONNETTORE “T8” PIN 9	200V
J6	5			GI	0.20		CONNETTORE “T8” PIN 3	$50000412 (OUT19)
J6	6							0V
J6	7			VE	0.20		CONNETTORE “T8” PIN 4	$50000413 (OUT20)
J6	8							0V
J6	9			MA	0.20		CONNETTORE “T8” PIN 5	$50000414 (OUT21)
J6	10							ALL-CN3
J6	11			NR	0.20		CONNETTORE “T8” PIN 6	$50000415 (OUT22)
J6	12							TERRA
J6	13			RO	0.20		CONNETTORE “T8” PIN 7	$50000416 (OUT23)
J6	14							TERRA
J6	15			VI	0.20		CONNETTORE “T8” PIN 8	$50000417 (OUT24)
J6	16							TERRA

J1 = SEK18 20 POLI
J3 = MODU1 8 POLI
J4 = MODU2 8X2 POLI
J5 = MODU2 8X2 POLI
J6 = MODU2 8X2 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGIO SCHEDA 2859/2		Cliente: LONATI	Note: Per macchine FL626 OT/CT
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M022_00.DOC	Nome foglio: M022_00	Data: 30/07/2002

CIRCUIT 2859/2 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1			BI	0.20		CONNETTORE "T7" PIN 1	$50000408 (OUT 9)
J7	2			AZ	0.20		CONNETTORE "T7" PIN 12	200V
J7	3			GR	0.20		CONNETTORE "T7" PIN 2	$50000409 (OUT10)
J7	4			BL	0.20		CONNETTORE "T7" PIN 9	200V
J7	5			GI	0.20		CONNETTORE "T7" PIN 3	$5000040A (OUT11)
J7	6							0V
J7	7			VE	0.20		CONNETTORE "T7" PIN 4	$5000040B (OUT12)
J7	8							0V
J7	9			MA	0.20		CONNETTORE "T7" PIN 5	$5000040C (OUT13)
J7	10							ALL-CN5
J7	11			NR	0.20		CONNETTORE "T7" PIN 6	$5000040D (OUT14)
J7	12							TERRA
J7	13			RO	0.20		CONNETTORE "T7" PIN 7	$5000040E (OUT15)
J7	14							TERRA
J7	15			VI	0.20		CONNETTORE "T7" PIN 8	$5000040F (OUT16)
J7	16							TERRA
J8	1			BI	0.20		CONNETTORE "T6" PIN 1	$50000400 (OUT 1)
J8	2			AZ	0.20		CONNETTORE "T6" PIN 12	200V
J8	3			GR	0.20		CONNETTORE "T6" PIN 2	$50000401 (OUT2)
J8	4			BL	0.20		CONNETTORE "T6" PIN 9	200V
J8	5			GI	0.20		CONNETTORE "T6" PIN 3	$50000402 (OUT3)
J8	6							0V
J8	7			VE	0.20		CONNETTORE "T6" PIN 4	$50000403 (OUT4)
J8	8							0V
J8	9			MA	0.20		CONNETTORE "T6" PIN 5	$50000404 (OUT5)
J8	10							ALL-CN5
J8	11			NR	0.20		CONNETTORE "T6" PIN 6	$50000405 (OUT6)
J8	12							TERRA
J8	13			RO	0.20		CONNETTORE "T6" PIN 7	$50000406 (OUT7)
J8	14							TERRA
J8	15			VI	0.20		CONNETTORE "T6" PIN 8	$50000407 (OUT8)
J8	16							TERRA
J9	1	CBL 581				SK 2858 CONN. J9 PIN 1		0V-ISO
J9	2	CBL 581				SK 2858 CONN. J9 PIN 1		0V-ISO
J9	3	CBL 581				SK 2858 CONN. J9 PIN 1		5V-ISO
J9	4	CBL 581				SK 2858 CONN. J9 PIN 1		5V-ISO

ALLARME MANCANZA TENSIONE:

INDIRIZZO	DATO	SEGNALE	FUNZIONE
$50000300	D1=0	ALL-V2	ALLARME MANCANZA TENSIONE +200VDC

ALLARME CONNETTORE NON CONNESSO:

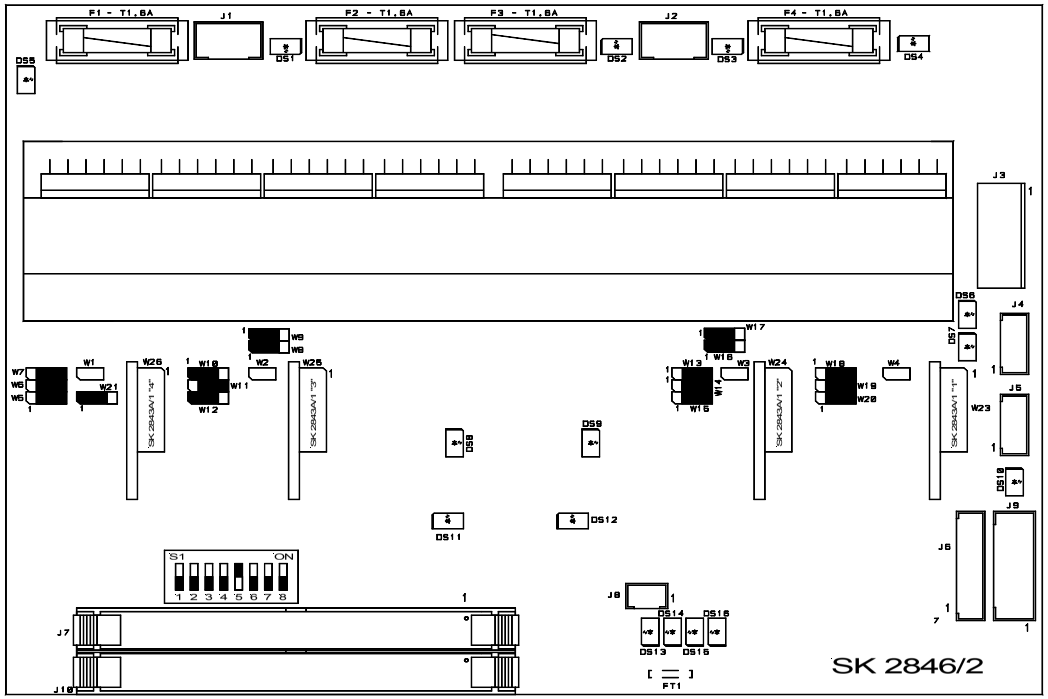
INDIRIZZO	DATO	SEGNALE	FUNZIONE
$50000408	D0=1	ALL-CN1	Allarme cablaggio connettore J4 non connesso
$50000408	D1=1	ALL-CN2	Allarme cablaggio connettore J5 non connesso
$50000408	D2=1	ALL-CN3	Allarme cablaggio connettore J6 non connesso
$50000408	D3=1	ALL-CN4	Allarme cablaggio connettore J7 non connesso
$50000408	D4=1	ALL-CN5	Allarme cablaggio connettore J8 non connesso

J7 = MODU2 8X2 POLI
J8 = MODU2 8X2 POLI
J9 = MODU2 4 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGI SCHEDA 2859/2		Cliente: LONATI	Note: Per macchine FL626 OT/CT
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M023_00.DOC	Nome foglio: M023_00	Data: 30/07/2002

View and Connections of circuit 2846/2 + 4 circuits 2843A/1

SK 2846/2 + 4 SK 2843A/1



SIGNIFICATO LED SK 2846/2:	
DS1-LED ROSSO	FUSIBILE F2 DANNEGGIATO
DS2-LED ROSSO	FUSIBILE F3 DANNEGGIATO
DS3-LED ROSSO	FUSIBILE F4 DANNEGGIATO
DS4-LED ROSSO	PRESENZA +36V
DS5-LED VERDE	FUSIBILE F1 DANNEGGIATO
DS6-LED VERDE	PRESENZA -15V
DS7-LED VERDE	PRESENZA +15V
DS8-LED VERDE	CLOCK MOTORE P-P NUMERO 3
DS9-LED ROSSO	CLOCK MOTORE P-P NUMERO 1
DS10-LED ROSSO	PRESENZA +24V
DS11-LED ROSSO	CLOCK MOTORE P-P NUMERO 4
DS12-LED ROSSO	CLOCK MOTORE P-P NUMERO 2
DS13-LED ROSSO	ENABLE MOTORE P-P NUMERO 1
DS14-LED ROSSO	ENABLE MOTORE P-P NUMERO 2
DS15-LED ROSSO	ENABLE MOTORE P-P NUMERO 3
DS16-LED ROSSO	ENABLE MOTORE P-P NUMERO 4

MOTORE P-P "1" - MOTORE ELASTICO 1
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

MOTORE P-P "2" - MOTORE ELASTICO 2
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

MOTORE P-P "3" - MOTORE ELASTICO CAD.1
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 0.9 Ampere
SPEED-UP: Inserito

MOTORE P-P "4" - MOTORE SEGHETTA
PILOTAGGIO: 1/2 PASSO
CORRENTE NOMINALE: 2.4 Ampere
SPEED-UP: Inserito

ADDRESS = $50000100
Sulle apparecchiature P.C. ad aria MOT. 1-2-3 motori elastico 1, elastico 2, elastico cad. 1, MOT. 4 motore seghetta.
Sulle apparecchiature P.C. ad aria MOT. 1-2-3 motori elastico 1, elastico 2, elastico cad. 1, MOT. 4 motore seghetta.

APP.: SOA-CE-MATRIX-V.2	CLIENTE: LONATI	FILE: T016_00.SKD
DESCRIZIONE: VISTA JUMPER SK 2846/2 + 4 SK 2843A/1		
NOTE:		COD.DISEGNO: 027
dinema	REDATTO: Mauro Pellegrini	
	DATA: 30/07/2002	FOGLIO: T016_00

Connections of circuit 2846/2 + 4 circuits 2843A/1 MODULE 1

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 8		TERRA
J1	1			NR	0.35		CONN. "MOT. CAD.1" PIN 1	FASE A MOTORE 3
J1	2			AR	0.35		CONN. "MOT. CAD.1" PIN 2	FASE *A MOTORE 3
J1	3			RO	0.35		CONN. "MOT. CAD.1" PIN 3	FASE B MOTORE 3
J1	4			GI	0.35		CONN. "MOT. CAD.1" PIN 4	FASE *B MOTORE 3
J1	5			NR	0.35		CONN. "MOT. SEG." PIN 2	FASE A MOTORE 4
J1	6			AR	0.35		CONN. "MOT. SEG." PIN 1	FASE *A MOTORE 4
J1	7			RO	0.35		CONN. "MOT. SEG." PIN 3	FASE B MOTORE 4
J1	8			GI	0.35		CONN. "MOT. SEG." PIN 4	FASE *B MOTORE 4
J2	1			NR	0.35		CONN. "MOT. EL.1" PIN 1	FASE A MOTORE 1
J2	2			AR	0.35		CONN. "MOT. EL.1" PIN 2	FASE *A MOTORE 1
J2	3			RO	0.35		CONN. "MOT. EL.1" PIN 3	FASE B MOTORE 1
J2	4			GI	0.35		CONN. "MOT. EL.1" PIN 4	FASE *B MOTORE 1
J2	5			NR	0.35		CONN. "MOT. EL.2" PIN 1	FASE A MOTORE 2
J2	6			AR	0.35		CONN. "MOT. EL.2" PIN 2	FASE *A MOTORE 2
J2	7			RO	0.35		CONN. "MOT. EL.2" PIN 3	FASE B MOTORE 2
J2	8			GI	0.35		CONN. "MOT. EL.2" PIN 4	FASE *B MOTORE 2
J3	1			BL	0.75	SK 2751 CONN. J8 PIN 8		+36V
J3	2							+36V
J3	3							+36V
J3	4							0V
J3	5							0V
J3	6			BL	0.75	SK 2751 CONN. J8 PIN 4		0V
J4	1			BL	0.35	SK 2751 CONN. J3 PIN 3		+15V
J4	2			BL	0.35	SK 2751 CONN. J3 PIN 10		0V
J4	3			BL	0.35	SK 2751 CONN. J3 PIN 15		-15V
J4	4			BL	0.35	SK 2751 CONN. J3 PIN 12		0V
J5	1			BL	0.35	MORSETTO 4		+24V
J5	2			BL	0.35	MORSETTO 4		+24V
J5	3			BL	0.35	MORSETTO 8		0V
J5	4			BL	0.35	MORSETTO 8		0V
J6	1							STOP SENSORE FILO 1
J6	2							STOP SENSORE FILO 2
J6	3							STOP SENSORE FILO 3
J6	4							STOP SENSORE FILO 4
J6	5							STOP FINE ROCCA 1
J6	6							STOP FINE ROCCA 2
J6	7							STOP FINE ROCCA 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	8							STOP FINE ROCCA 4
J8	1							RIFERIMENTO VELOCITA' ESTERNO
J8	2							0V
J9	1							+24V
J9	2							0V
J9	3							+24V
J9	4							0V
J9	5							+24V
J9	6							0V
J9	7							+24V
J9	8							0V
J9	9							+24V
J9	10							0V
J9	11							+24V
J9	12							0V
J9	13							+24V
J9	14							0V
J9	15							+24V
J9	16							0V

J1 = MODU2 4X2 POLI J3 = MODU1 6 POLI J5 = MODU2 4 POLI J8 = MODU2 2 POLI
J2 = MODU2 4X2 POLI J4 = MODU2 4 POLI J6 = MODU2 8 POLI J9 = MODU2 8X2 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGIO SK 2846/2 + 4 SK 2843A/1		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M026_00.DOC	Nome foglio: M026_00	Data: 30/07/2002

CIRCUIT 2846/2 + 4 CIRCUITS 2843A/1 MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1	CVP 203				SK 2858 CONN. J2 PIN 1		0V
J7	2	CVP 203				SK 2858 CONN. J2 PIN 2		0V
J7	3	CVP 203				SK 2858 CONN. J2 PIN 3		D1
J7	4	CVP 203				SK 2858 CONN. J2 PIN 4		D0
J7	5	CVP 203				SK 2858 CONN. J2 PIN 5		D3
J7	6	CVP 203				SK 2858 CONN. J2 PIN 6		D2
J7	7	CVP 203				SK 2858 CONN. J2 PIN 7		D5
J7	8	CVP 203				SK 2858 CONN. J2 PIN 8		D4
J7	9	CVP 203				SK 2858 CONN. J2 PIN 9		D7
J7	10	CVP 203				SK 2858 CONN. J2 PIN 10		D6
J7	11	CVP 203				SK 2858 CONN. J2 PIN 11		0V
J7	12	CVP 203				SK 2858 CONN. J2 PIN 12		0V
J7	13	CVP 203				SK 2858 CONN. J2 PIN 13		A1
J7	14	CVP 203				SK 2858 CONN. J2 PIN 14		A0
J7	15	CVP 203				SK 2858 CONN. J2 PIN 15		A3
J7	16	CVP 203				SK 2858 CONN. J2 PIN 16		A2
J7	17	CVP 203				SK 2858 CONN. J2 PIN 17		A5
J7	18	CVP 203				SK 2858 CONN. J2 PIN 18		A4
J7	19	CVP 203				SK 2858 CONN. J2 PIN 19		A7
J7	20	CVP 203				SK 2858 CONN. J2 PIN 20		A6
J7	21	CVP 203				SK 2858 CONN. J2 PIN 21		A9
J7	22	CVP 203				SK 2858 CONN. J2 PIN 22		A8
J7	23	CVP 203				SK 2858 CONN. J2 PIN 23		A11
J7	24	CVP 203				SK 2858 CONN. J2 PIN 24		A10
J7	25	CVP 203				SK 2858 CONN. J2 PIN 25		A13
J7	26	CVP 203				SK 2858 CONN. J2 PIN 26		A12
J7	27	CVP 203				SK 2858 CONN. J2 PIN 27		A15
J7	28	CVP 203				SK 2858 CONN. J2 PIN 28		A14
J7	29	CVP 203				SK 2858 CONN. J2 PIN 29		0V
J7	30	CVP 203				SK 2858 CONN. J2 PIN 30		0V
J7	31	CVP 203				SK 2858 CONN. J2 PIN 31		*RD
J7	32	CVP 203				SK 2858 CONN. J2 PIN 32		R/*W
J7	33	CVP 203				SK 2858 CONN. J2 PIN 33		*INT
J7	34	CVP 203				SK 2858 CONN. J2 PIN 34		*WD
J7	35	CVP 203				SK 2858 CONN. J2 PIN 35		*VPA
J7	36	CVP 203				SK 2858 CONN. J2 PIN 36		*BUSY
J7	37	CVP 203				SK 2858 CONN. J2 PIN 37		VBATT
J7	38	CVP 203				SK 2858 CONN. J2 PIN 38		*RESET
J7	39	CVP 203				SK 2858 CONN. J2 PIN 39		RUN
J7	40	CVP 203				SK 2858 CONN. J2 PIN 40		OK
J7	41	CVP 203				SK 2858 CONN. J2 PIN 41		0V
J7	42	CVP 203				SK 2858 CONN. J2 PIN 42		SCK
J7	43	CVP 203				SK 2858 CONN. J2 PIN 43		+5V
J7	44	CVP 203				SK 2858 CONN. J2 PIN 44		SD

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	45	CVP 203				SK 2858 CONN. J2 PIN 45		+5V
J7	46	CVP 203				SK 2858 CONN. J2 PIN 46		SO
J7	47	CVP 203				SK 2858 CONN. J2 PIN 47		+5V
J7	48	CVP 203				SK 2858 CONN. J2 PIN 48		FASE A
J7	49	CVP 203				SK 2858 CONN. J2 PIN 49		+5V
J7	50	CVP 203				SK 2858 CONN. J2 PIN 50		FASE B
W23	1					SK 2843 “1” JUMPER W1 PIN 1		R_RMP
W23	2					SK 2843 “1” JUMPER W1 PIN 2		IN_RMP
W23	3					SK 2843 “1” JUMPER W1 PIN 3		0V
W23	4					SK 2843 “1” JUMPER W1 PIN 4		C_VCO
W23	5					SK 2843 “1” JUMPER W1 PIN 5		CC_VCO
W23	6					SK 2843 “1” JUMPER W1 PIN 6		CKMP1
W23	7					SK 2843 “1” JUMPER W1 PIN 7		+5V
W23	8					SK 2843 “1” JUMPER W1 PIN 8		+15V
W23	9					SK 2843 “1” JUMPER W1 PIN 9		-15V
W23	10					SK 2843 “1” JUMPER W1 PIN 10		EN1
W23	11					SK 2843 “1” JUMPER W1 PIN 11		IN_VCO
W23	12					SK 2843 “1” JUMPER W1 PIN 12		0V
W23	13					SK 2843 “1” JUMPER W1 PIN 13		OUT_RMP
W23	14					SK 2843 “1” JUMPER W1 PIN 14		C_RMP
W24	1					SK 2843 “2” JUMPER W1 PIN 1		R_RMP
W24	2					SK 2843 “2” JUMPER W1 PIN 2		IN_RMP
W24	3					SK 2843 “2” JUMPER W1 PIN 3		0V
W24	4					SK 2843 “2” JUMPER W1 PIN 4		C_VCO
W24	5					SK 2843 “2” JUMPER W1 PIN 5		CC_VCO
W24	6					SK 2843 “2” JUMPER W1 PIN 6		CKMP2
W24	7					SK 2843 “2” JUMPER W1 PIN 7		+5V
W24	8					SK 2843 “2” JUMPER W1 PIN 8		+15V
W24	9					SK 2843 “2” JUMPER W1 PIN 9		-15V
W24	10					SK 2843 “2” JUMPER W1 PIN 10		EN2
W24	11					SK 2843 “2” JUMPER W1 PIN 11		IN_VCO
W24	12					SK 2843 “2” JUMPER W1 PIN 12		0V
W24	13					SK 2843 “2” JUMPER W1 PIN 13		OUT_RMP
W24	14					SK 2843 “2” JUMPER W1 PIN 14		C_RMP

J7 = SEK18 50 POLI W23 = JUMPER 7X2 POLI FEMMINA TULIPANO W24 = JUMPER 7X2 POLI FEMMINA TULIPANO

App: SOA-CE-MATRIX-V.2	**Descrizione: CABLAGGIO SK 2846/2 + 4 SK 2843A/1**	**Cliente: LONATI**	**Note:**
Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M027_00.DOC**	**Nome foglio: M027_00** / **Data: 30/07/2002**

CIRCUIT 2846/2 + 4 CIRCUITS 2843A/1 MODULE 3

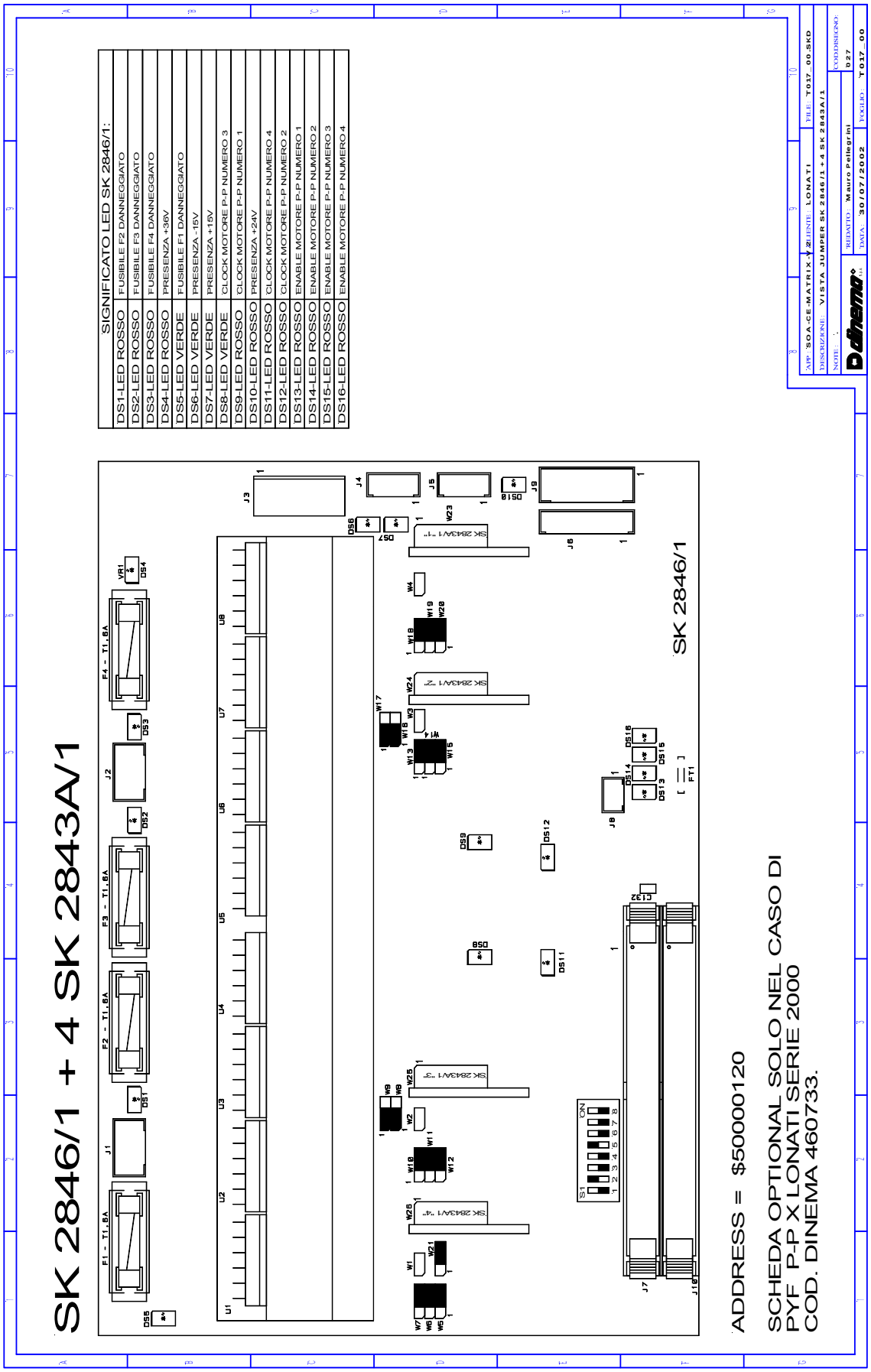
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1	CVP 183				SK 2846/1 CONN. J7 PIN 1		0V
J10	2	CVP 183				SK 2846/1 CONN. J7 PIN 2		0V
J10	3	CVP 183				SK 2846/1 CONN. J7 PIN 3		D1
J10	4	CVP 183				SK 2846/1 CONN. J7 PIN 4		D0
J10	5	CVP 183				SK 2846/1 CONN. J7 PIN 5		D3
J10	6	CVP 183				SK 2846/1 CONN. J7 PIN 6		D2
J10	7	CVP 183				SK 2846/1 CONN. J7 PIN 7		D5
J10	8	CVP 183				SK 2846/1 CONN. J7 PIN 8		D4
J10	9	CVP 183				SK 2846/1 CONN. J7 PIN 9		D7
J10	10	CVP 183				SK 2846/1 CONN. J7 PIN 10		D6
J10	11	CVP 183				SK 2846/1 CONN. J7 PIN 11		0V
J10	12	CVP 183				SK 2846/1 CONN. J7 PIN 12		0V
J10	13	CVP 183				SK 2846/1 CONN. J7 PIN 13		A1
J10	14	CVP 183				SK 2846/1 CONN. J7 PIN 14		A0
J10	15	CVP 183				SK 2846/1 CONN. J7 PIN 15		A3
J10	16	CVP 183				SK 2846/1 CONN. J7 PIN 16		A2
J10	17	CVP 183				SK 2846/1 CONN. J7 PIN 17		A5
J10	18	CVP 183				SK 2846/1 CONN. J7 PIN 18		A4
J10	19	CVP 183				SK 2846/1 CONN. J7 PIN 19		A7
J10	20	CVP 183				SK 2846/1 CONN. J7 PIN 20		A6
J10	21	CVP 183				SK 2846/1 CONN. J7 PIN 21		A9
J10	22	CVP 183				SK 2846/1 CONN. J7 PIN 22		A8
J10	23	CVP 183				SK 2846/1 CONN. J7 PIN 23		A11
J10	24	CVP 183				SK 2846/1 CONN. J7 PIN 24		A10
J10	25	CVP 183				SK 2846/1 CONN. J7 PIN 25		A13
J10	26	CVP 183				SK 2846/1 CONN. J7 PIN 26		A12
J10	27	CVP 183				SK 2846/1 CONN. J7 PIN 27		A15
J10	28	CVP 183				SK 2846/1 CONN. J7 PIN 28		A14
J10	29	CVP 183				SK 2846/1 CONN. J7 PIN 29		0V
J10	30	CVP 183				SK 2846/1 CONN. J7 PIN 30		0V
J10	31	CVP 183				SK 2846/1 CONN. J7 PIN 31		*RD
J10	32	CVP 183				SK 2846/1 CONN. J7 PIN 32		R/*W
J10	33	CVP 183				SK 2846/1 CONN. J7 PIN 33		*INT
J10	34	CVP 183				SK 2846/1 CONN. J7 PIN 34		*WD
J10	35	CVP 183				SK 2846/1 CONN. J7 PIN 35		*VPA
J10	36	CVP 183				SK 2846/1 CONN. J7 PIN 36		*BUSY
J10	37	CVP 183				SK 2846/1 CONN. J7 PIN 37		VBATT
J10	38	CVP 183				SK 2846/1 CONN. J7 PIN 38		*RESET
J10	39	CVP 183				SK 2846/1 CONN. J7 PIN 39		RUN
J10	40	CVP 183				SK 2846/1 CONN. J7 PIN 40		OK
J10	41	CVP 183				SK 2846/1 CONN. J7 PIN 41		0V
J10	42	CVP 183				SK 2846/1 CONN. J7 PIN 42		SCK
J10	43	CVP 183				SK 2846/1 CONN. J7 PIN 43		+5V
J10	44	CVP 183				SK 2846/1 CONN. J7 PIN 44		SD

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	45	CVP 183				SK 2846/1 CONN. J7 PIN 45		+5V
J10	46	CVP 183				SK 2846/1 CONN. J7 PIN 46		SO
J10	47	CVP 183				SK 2846/1 CONN. J7 PIN 47		+5V
J10	48	CVP 183				SK 2846/1 CONN. J7 PIN 48		FASE A
J10	49	CVP 183				SK 2846/1 CONN. J7 PIN 49		+5V
J10	50	CVP 183				SK 2846/1 CONN. J7 PIN 50		FASE B
W25	1					SK 2843 “3” JUMPER W1 PIN 1		R_RMP
W25	2					SK 2843 “3” JUMPER W1 PIN 2		IN_RMP
W25	3					SK 2843 “3” JUMPER W1 PIN 3		0V
W25	4					SK 2843 “3” JUMPER W1 PIN 4		C_VCO
W25	5					SK 2843 “3” JUMPER W1 PIN 5		CC_VCO
W25	6					SK 2843 “3” JUMPER W1 PIN 6		CKMP3
W25	7					SK 2843 “3” JUMPER W1 PIN 7		+5V
W25	8					SK 2843 “3” JUMPER W1 PIN 8		+15V
W25	9					SK 2843 “3” JUMPER W1 PIN 9		-15V
W25	10					SK 2843 “3” JUMPER W1 PIN 10		EN3
W25	11					SK 2843 “3” JUMPER W1 PIN 11		IN_VCO
W25	12					SK 2843 “3” JUMPER W1 PIN 12		0V
W25	13					SK 2843 “3” JUMPER W1 PIN 13		OUT_RMP
W25	14					SK 2843 “3” JUMPER W1 PIN 14		C_RMP
W26	1					SK 2843 “4” JUMPER W1 PIN 1		R_RMP
W26	2					SK 2843 “4” JUMPER W1 PIN 2		IN_RMP
W26	3					SK 2843 “4” JUMPER W1 PIN 3		0V
W26	4					SK 2843 “4” JUMPER W1 PIN 4		C_VCO
W26	5					SK 2843 “4” JUMPER W1 PIN 5		CC_VCO
W26	6					SK 2843 “4” JUMPER W1 PIN 6		CKMP4
W26	7					SK 2843 “4” JUMPER W1 PIN 7		+5V
W26	8					SK 2843 “4” JUMPER W1 PIN 8		+15V
W26	9					SK 2843 “4” JUMPER W1 PIN 9		-15V
W26	10					SK 2843 “4” JUMPER W1 PIN 10		EN4
W26	11					SK 2843 “4” JUMPER W1 PIN 11		IN_VCO
W26	12					SK 2843 “4” JUMPER W1 PIN 12		0V
W26	13					SK 2843 “4” JUMPER W1 PIN 13		OUT_RMP
W26	14					SK 2843 “4” JUMPER W1 PIN 14		C_RMP

J10 = MODU2 8X2 POLI W25 = JUMPER 7X2 POLI FEMMINA TULIPANO W26 = JUMPER 7X2 POLI FEMMINA TULIPANO

App: SOA-CE-MATRIX-V.2	**Descrizione: CABLAGGIO SK 2846/2 + 4 SK 2843A/1**	**Cliente: LONATI**	**Note:**	
	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M028_00.DOC**	**Nome foglio: M028_00**	**Data: 30/07/2002**

View and Connections of circuit 2846/1 + 4 circuits 2843A/1 (optional PYF)



CIRCUIT 2846/1 + 4 CIRCUITS MODULE 1 (OPTIONAL)

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "2" VITE 6		TERRA
J1	1	CBL 409					AL MOTORE PYF CADUTA-3	FASE A MOTORE 3
J1	2	CBL 409					AL MOTORE PYF CADUTA-3	FASE *A MOTORE 3
J1	3	CBL 409					AL MOTORE PYF CADUTA-3	FASE B MOTORE 3
J1	4	CBL 409					AL MOTORE PYF CADUTA-3	FASE *B MOTORE 3
J1	5	CBL 409					AL MOTORE PYF CADUTA-4	FASE A MOTORE 4
J1	6	CBL 409					AL MOTORE PYF CADUTA-4	FASE *A MOTORE 4
J1	7	CBL 409					AL MOTORE PYF CADUTA-4	FASE B MOTORE 4
J1	8	CBL 409					AL MOTORE PYF CADUTA-4	FASE *B MOTORE 4
J2	1	CBL 409					AL MOTORE PYF CADUTA-1	FASE A MOTORE 1
J2	2	CBL 409					AL MOTORE PYF CADUTA-1	FASE *A MOTORE 1
J2	3	CBL 409					AL MOTORE PYF CADUTA-1	FASE B MOTORE 1
J2	4	CBL 409					AL MOTORE PYF CADUTA-1	FASE *B MOTORE 1
J2	5	CBL 409					AL MOTORE PYF CADUTA-2	FASE A MOTORE 2
J2	6	CBL 409					AL MOTORE PYF CADUTA-2	FASE *A MOTORE 2
J2	7	CBL 409					AL MOTORE PYF CADUTA-2	FASE B MOTORE 2
J2	8	CBL 409					AL MOTORE PYF CADUTA-2	FASE *B MOTORE 2
J3	1			BL	0.75	SK 2751 CONN. J8 PIN 7		+36V
J3	2							+36V
J3	3							+36V
J3	4							0V
J3	5							0V
J3	6			BL	0.75	SK 2751 CONN. J8 PIN 3		0V
J4	1			BL	0.35	SK 2751 CONN. J3 PIN 2		+15V
J4	2			BL	0.35	SK 2751 CONN. J3 PIN 9		0V
J4	3			BL	0.35	SK 2751 CONN. J3 PIN 14		-15V
J4	4			BL	0.35	SK 2751 CONN. J3 PIN 11		0V
J5	1			BL	0.35	MORSETTO 4		+24V
J5	2			BL	0.35	MORSETTO 4		+24V
J5	3			BL	0.35	MORSETTO 8		0V
J5	4			BL	0.35	MORSETTO 8		0V
J6	1							STOP SENSORE FILO 1
J6	2							STOP SENSORE FILO 2
J6	3							STOP SENSORE FILO 3
J6	4							STOP SENSORE FILO 4
J6	5							STOP FINE ROCCA 1
J6	6							STOP FINE ROCCA 2
J6	7							STOP FINE ROCCA 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO	DESCRIZIONE
J6	8							STOP FINE ROCCA 4
J8	1							RIFERIMENTO VELOCITA' ESTERNO
J8	2							0V
J9	1							+24V
J9	2							0V
J9	3							+24V
J9	4							0V
J9	5							+24V
J9	6							0V
J9	7							+24V
J9	8							0V
J9	9							+24V
J9	10							0V
J9	11							+24V
J9	12							0V
J9	13							+24V
J9	14							0V
J9	15							+24V
J9	16							0V

J1 = MODU2 4X2 POLI J3 = MODU1 6 POLI J5 = MODU2 4 POLI J8 = MODU2 2 POLI
J2 = MODU2 4X2 POLI J4 = MODU2 4 POLI J6 = MODU2 8 POLI J9 = MODU2 8X2 POLI

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGIO SK 2846/1 + 4 SK 2843A/1		Cliente: LONATI	Note: SCHEDE OPTIONAL
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M029_00.DOC	Nome foglio: M029_00	Data: 30/07/2002

CIRCUIT 2846/1 + 4 CIRCUITS 2843A/1 MODULE 2 (OPTIONAL)

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1	CVP 183				SK 2846/2 CONN. J10 PIN 1		0V
J7	2	CVP 183				SK 2846/2 CONN. J10 PIN 2		0V
J7	3	CVP 183				SK 2846/2 CONN. J10 PIN 3		D1
J7	4	CVP 183				SK 2846/2 CONN. J10 PIN 4		D0
J7	5	CVP 183				SK 2846/2 CONN. J10 PIN 5		D3
J7	6	CVP 183				SK 2846/2 CONN. J10 PIN 6		D2
J7	7	CVP 183				SK 2846/2 CONN. J10 PIN 7		D5
J7	8	CVP 183				SK 2846/2 CONN. J10 PIN 8		D4
J7	9	CVP 183				SK 2846/2 CONN. J10 PIN 9		D7
J7	10	CVP 183				SK 2846/2 CONN. J10 PIN 10		D6
J7	11	CVP 183				SK 2846/2 CONN. J10 PIN 11		0V
J7	12	CVP 183				SK 2846/2 CONN. J10 PIN 12		0V
J7	13	CVP 183				SK 2846/2 CONN. J10 PIN 13		A1
J7	14	CVP 183				SK 2846/2 CONN. J10 PIN 14		A0
J7	15	CVP 183				SK 2846/2 CONN. J10 PIN 15		A3
J7	16	CVP 183				SK 2846/2 CONN. J10 PIN 16		A2
J7	17	CVP 183				SK 2846/2 CONN. J10 PIN 17		A5
J7	18	CVP 183				SK 2846/2 CONN. J10 PIN 18		A4
J7	19	CVP 183				SK 2846/2 CONN. J10 PIN 19		A7
J7	20	CVP 183				SK 2846/2 CONN. J10 PIN 20		A6
J7	21	CVP 183				SK 2846/2 CONN. J10 PIN 21		A9
J7	22	CVP 183				SK 2846/2 CONN. J10 PIN 22		A8
J7	23	CVP 183				SK 2846/2 CONN. J10 PIN 23		A11
J7	24	CVP 183				SK 2846/2 CONN. J10 PIN 24		A10
J7	25	CVP 183				SK 2846/2 CONN. J10 PIN 25		A13
J7	26	CVP 183				SK 2846/2 CONN. J10 PIN 26		A12
J7	27	CVP 183				SK 2846/2 CONN. J10 PIN 27		A15
J7	28	CVP 183				SK 2846/2 CONN. J10 PIN 28		A14
J7	29	CVP 183				SK 2846/2 CONN. J10 PIN 29		0V
J7	30	CVP 183				SK 2846/2 CONN. J10 PIN 30		0V
J7	31	CVP 183				SK 2846/2 CONN. J10 PIN 31		*RD
J7	32	CVP 183				SK 2846/2 CONN. J10 PIN 32		R/*W
J7	33	CVP 183				SK 2846/2 CONN. J10 PIN 33		*INT
J7	34	CVP 183				SK 2846/2 CONN. J10 PIN 34		*WD
J7	35	CVP 183				SK 2846/2 CONN. J10 PIN 35		*VPA
J7	36	CVP 183				SK 2846/2 CONN. J10 PIN 36		*BUSY
J7	37	CVP 183				SK 2846/2 CONN. J10 PIN 37		VBATT
J7	38	CVP 183				SK 2846/2 CONN. J10 PIN 38		*RESET
J7	39	CVP 183				SK 2846/2 CONN. J10 PIN 39		RUN
J7	40	CVP 183				SK 2846/2 CONN. J10 PIN 40		OK
J7	41	CVP 183				SK 2846/2 CONN. J10 PIN 41		0V
J7	42	CVP 183				SK 2846/2 CONN. J10 PIN 42		SCK
J7	43	CVP 183				SK 2846/2 CONN. J10 PIN 43		+5V
J7	44	CVP 183				SK 2846/2 CONN. J10 PIN 44		SD

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	45	CVP 183				SK 2846/2 CONN. J10 PIN 45		+5V
J7	46	CVP 183				SK 2846/2 CONN. J10 PIN 46		SO
J7	47	CVP 183				SK 2846/2 CONN. J10 PIN 47		+5V
J7	48	CVP 183				SK 2846/2 CONN. J10 PIN 48		FASE A
J7	49	CVP 183				SK 2846/2 CONN. J10 PIN 49		+5V
J7	50	CVP 183				SK 2846/2 CONN. J10 PIN 50		FASE B
W23	1					SK 2843 “1” JUMPER W1 PIN 1		R_RMP
W23	2					SK 2843 “1” JUMPER W1 PIN 2		IN_RMP
W23	3					SK 2843 “1” JUMPER W1 PIN 3		0V
W23	4					SK 2843 “1” JUMPER W1 PIN 4		C_VCO
W23	5					SK 2843 “1” JUMPER W1 PIN 5		CC_VCO
W23	6					SK 2843 “1” JUMPER W1 PIN 6		CKMP1
W23	7					SK 2843 “1” JUMPER W1 PIN 7		+5V
W23	8					SK 2843 “1” JUMPER W1 PIN 8		+15V
W23	9					SK 2843 “1” JUMPER W1 PIN 9		-15V
W23	10					SK 2843 “1” JUMPER W1 PIN 10		EN1
W23	11					SK 2843 “1” JUMPER W1 PIN 11		IN_VCO
W23	12					SK 2843 “1” JUMPER W1 PIN 12		0V
W23	13					SK 2843 “1” JUMPER W1 PIN 13		OUT_RMP
W23	14					SK 2843 “1” JUMPER W1 PIN 14		C_RMP
W24	1					SK 2843 “2” JUMPER W1 PIN 1		R_RMP
W24	2					SK 2843 “2” JUMPER W1 PIN 2		IN_RMP
W24	3					SK 2843 “2” JUMPER W1 PIN 3		0V
W24	4					SK 2843 “2” JUMPER W1 PIN 4		C_VCO
W24	5					SK 2843 “2” JUMPER W1 PIN 5		CC_VCO
W24	6					SK 2843 “2” JUMPER W1 PIN 6		CKMP2
W24	7					SK 2843 “2” JUMPER W1 PIN 7		+5V
W24	8					SK 2843 “2” JUMPER W1 PIN 8		+15V
W24	9					SK 2843 “2” JUMPER W1 PIN 9		-15V
W24	10					SK 2843 “2” JUMPER W1 PIN 10		EN2
W24	11					SK 2843 “2” JUMPER W1 PIN 11		IN_VCO
W24	12					SK 2843 “2” JUMPER W1 PIN 12		0V
W24	13					SK 2843 “2” JUMPER W1 PIN 13		OUT_RMP
W24	14					SK 2843 “2” JUMPER W1 PIN 14		C_RMP

J7 = SEK18 50 POLI W23 = JUMPER 7X2 POLI FEMMINA TULIPANO W24 = JUMPER 7X2 POLI FEMMINA TULIPANO

App: SOA-CE-MATRIX-V.2	**Descrizione: CABLAGGIO SK 2846/1 + 4 SK 2843A/1**	**Cliente: LONATI**	**Note: SCHEDE OPTIONAL**

	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M030_00.DOC**	**Nome foglio: M030_00**	**Data: 30/07/2002**

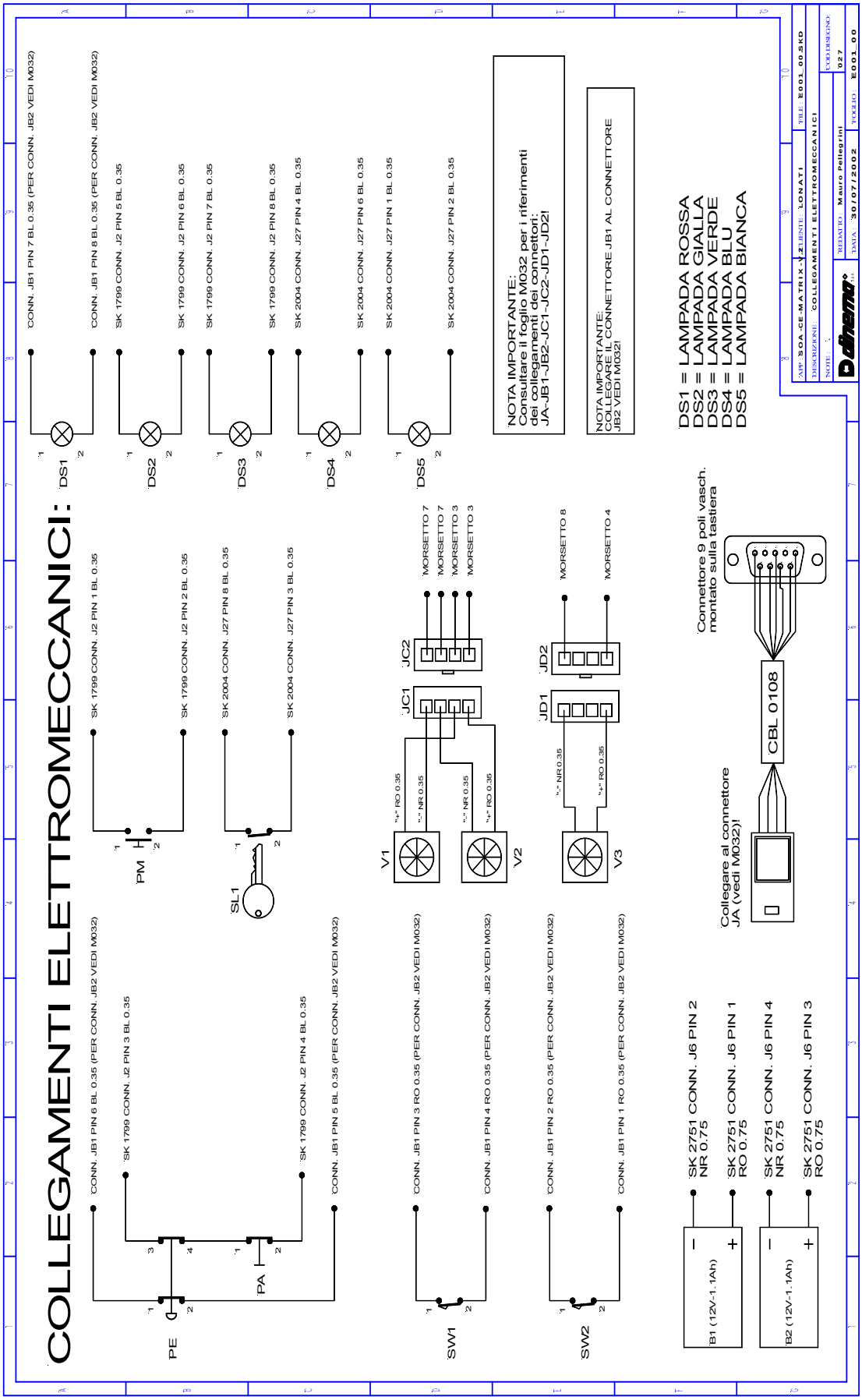
CIRCUIT 2846/1 + 4 CIRCUITS 2843A/1 MODULE 3 (OPTIONAL)

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE	CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							0V	J10	45							+5V
J10	2							0V	J10	46							SO
J10	3							D1	J10	47							+5V
J10	4							D0	J10	48							FASE A
J10	5							D3	J10	49							+5V
J10	6							D2	J10	50							FASE B
J10	7							D5									
J10	8							D4	W25	1					SK 2843 “3” JUMPER W1 PIN 1		R_RMP
J10	9							D7	W25	2					SK 2843 “3” JUMPER W1 PIN 2		IN_RMP
J10	10							D6	W25	3					SK 2843 “3” JUMPER W1 PIN 3		0V
J10	11							0V	W25	4					SK 2843 “3” JUMPER W1 PIN 4		C_VCO
J10	12							0V	W25	5					SK 2843 “3” JUMPER W1 PIN 5		CC_VCO
J10	13							A1	W25	6					SK 2843 “3” JUMPER W1 PIN 6		CKMP3
J10	14							A0	W25	7					SK 2843 “3” JUMPER W1 PIN 7		+5V
J10	15							A3	W25	8					SK 2843 “3” JUMPER W1 PIN 8		+15V
J10	16							A2	W25	9					SK 2843 “3” JUMPER W1 PIN 9		-15V
J10	17							A5	W25	10					SK 2843 “3” JUMPER W1 PIN 10		EN3
J10	18							A4	W25	11					SK 2843 “3” JUMPER W1 PIN 11		IN_VCO
J10	19							A7	W25	12					SK 2843 “3” JUMPER W1 PIN 12		0V
J10	20							A6	W25	13					SK 2843 “3” JUMPER W1 PIN 13		OUT_RMP
J10	21							A9	W25	14					SK 2843 “3” JUMPER W1 PIN 14		C_RMP
J10	22							A8									
J10	23							A11	W26	1					SK 2843 “4” JUMPER W1 PIN 1		R_RMP
J10	24							A10	W26	2					SK 2843 “4” JUMPER W1 PIN 2		IN_RMP
J10	25							A13	W26	3					SK 2843 “4” JUMPER W1 PIN 3		0V
J10	26							A12	W26	4					SK 2843 “4” JUMPER W1 PIN 4		C_VCO
J10	27							A15	W26	5					SK 2843 “4” JUMPER W1 PIN 5		CC_VCO
J10	28							A14	W26	6					SK 2843 “4” JUMPER W1 PIN 6		CKMP4
J10	29							0V	W26	7					SK 2843 “4” JUMPER W1 PIN 7		+5V
J10	30							0V	W26	8					SK 2843 “4” JUMPER W1 PIN 8		+15V
J10	31							*RD	W26	9					SK 2843 “4” JUMPER W1 PIN 9		-15V
J10	32							R/*W	W26	10					SK 2843 “4” JUMPER W1 PIN 10		EN4
J10	33							*INT	W26	11					SK 2843 “4” JUMPER W1 PIN 11		IN_VCO
J10	34							*WD	W26	12					SK 2843 “4” JUMPER W1 PIN 12		0V
J10	35							*VPA	W26	13					SK 2843 “4” JUMPER W1 PIN 13		OUT_RMP
J10	36							*BUSY	W26	14					SK 2843 “4” JUMPER W1 PIN 14		C_RMP
J10	37							VBATT									
J10	38							*RESET									
J10	39							RUN									
J10	40							OK									
J10	41							0V									
J10	42							SCK									
J10	43							+5V									
J10	44							SD									

J10 = MODU2 8X2 POLI W25 = JUMPER 7X2 POLI FEMMINA TULIPANO W26 = JUMPER 7X2 POLI FEMMINA TULIPANO

App: SOA-CE-MATRIX-V.2	Descrizione: CABLAGGIO SK 2846/1 + 4 SK 2843A/1	Cliente: LONATI	Note: SCHEDE OPTIONAL	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M031_00.DOC	Nome foglio: M031_00	Data: 30/07/2002

Electromechanical connections



Reminder sheet M32 -matrix- for connection of keyboard parts

COLLEGAMENTI CONNETTORI JA-JB1-JB2-JC1-JC2-JD1-JD2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
JA	1			BL	0.35	SK 2004 CONN. J17 PIN 7		0V
JA	2			BL	0.35	SK 2004 CONN. J17 PIN 1		TX LOOP +FDU
JA	3							
JA	4			BL	0.35	SK 2004 CONN. J17 PIN 2		TX LOOP -FDU
JA	5			BL	0.35	SK 2004 CONN. J17 PIN 3		RX LOOP +FDU
JA	6			BL	0.35	SK 2004 CONN. J17 PIN 4		RX LOOP –FDU
JA	7			BL	0.35	SK 2004 CONN. J17 PIN 8		+24V
JA	8			BL	0.35	SK 2004 CONN. J17 PIN 5		0V
JB1	1			RO	0.35	SW2 POLO 2		POLO 2 MICRO SICUREZZA SW2
JB1	2			RO	0.35	SW2 POLO 1		POLO 1 MICRO SICUREZZA SW2
JB1	3			RO	0.35	SW1 POLO 1		POLO 1 MICRO SICUREZZA SW1
JB1	4			RO	0.35	SW1 POLO 2		POLO 2 MICRO SICUREZZA SW1
JB1	5			BL	0.35	PULSANTE EMERGENZA POLO 2		PULSANTE EMERGENZA POLO2
JB1	6			BL	0.35	PULSANTE EMERGENZA POLO 1		PULSANTE EMERGENZA POLO1
JB1	7			BL	0.35	LAMPADA ROSSA DS1 POLO 1		LAMPADA EMERGENZA POLO 1
JB1	8			BL	0.35	LAMPADA ROSSA DS1 POLO 2		LAMPADA EMERGENZA POLO 2
JB2	1			BL	0.35	SK 2832 CONN. J2 PIN 4		INPUT SERIE MICRO SICUR.
JB2	2			BL	0.35	CONN. JB2 PIN 4		
JB2	3			BL	0.35	CONN. JB2 PIN 5		
JB2	4			BL	0.35	CONN. JB2 PIN 2		
JB2	5			BL	0.35	CONN. JB2 PIN 3		
JB2	6			BL	0.35	SK 2832 CONN. J2 PIN 1		INPUT PULS. EMER. POLO 1
JB2	7			BL	0.35	SK 2832 CONN. J2 PIN 2		LAMPADA EMERGENZA POLO 1
JB2	8			BL	0.35	SK 2832 CONN. J2 PIN 3		LAMPADA EMERGENZA POLO 2
JC1	1			NR	0.35	VENTOLA V1 POLO-		POLO- VENTOLA V1
JC1	2			NR	0.35	VENTOLA V2 POLO-		POLO- VENTOLA V2
JC1	3			RO	0.35	VENTOLA V1 POLO+		POLO+ VENTOLA V1
JC1	4			RO	0.35	VENTOLA V2 POLO+		POLO+ VENTOLA V2
JC2	1			BL	0.35	MORSETTO 7		0V
JC2	2			BL	0.35	MORSETTO 7		0V
JC2	3			BL	0.35	MORSETTO 3		+24V
JC2	4			BL	0.35	MORSETTO 3		+24V

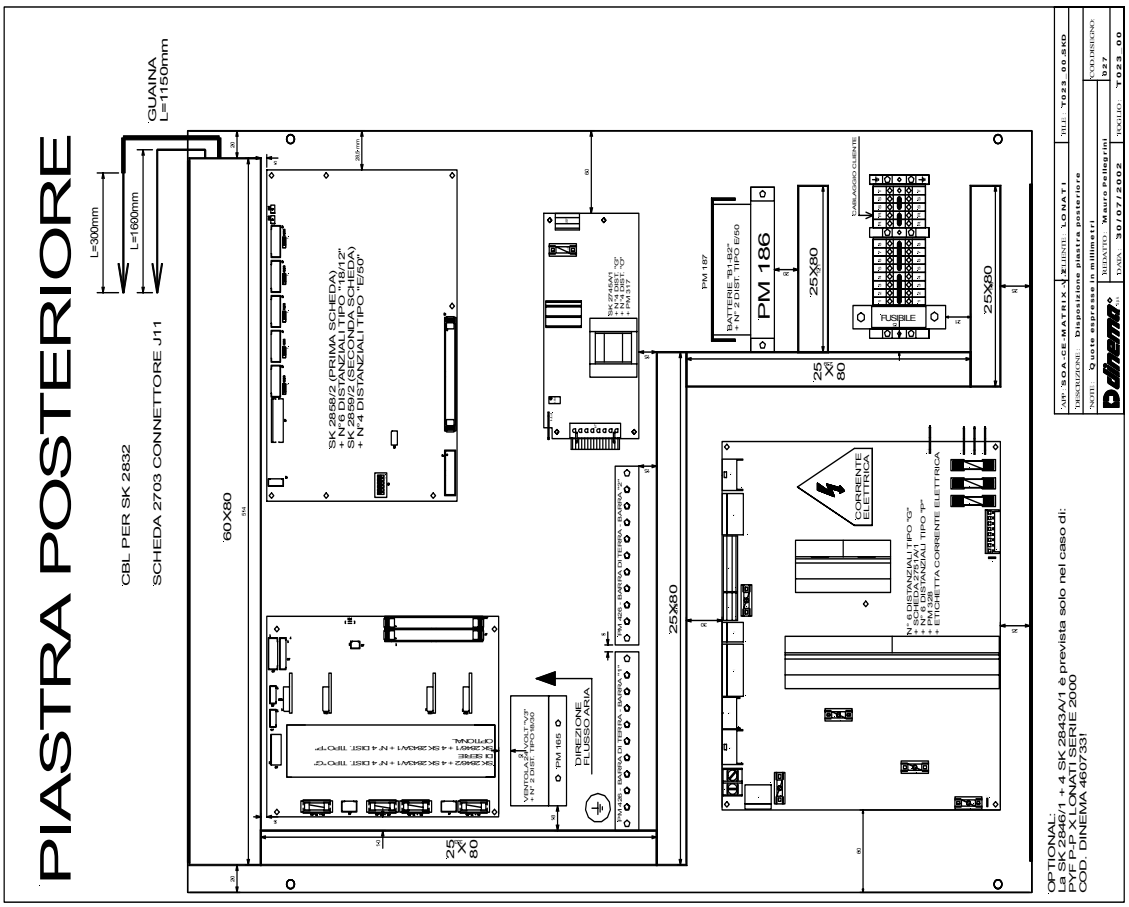
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
JD1	1			NR	0.35	VENTOLA V3 POLO-		POLO- VENTOLA V3
JD1	2							
JD1	3							
JD1	4			RO	0.35	VENTOLA V3 POLO+		POLO+ VENTOLA V3
JD2	1			BL	0.35	MORSETTO 8		0V
JD2	2							
JD2	3							
JD2	4			BL	0.35	MORSETTO 4		+24V

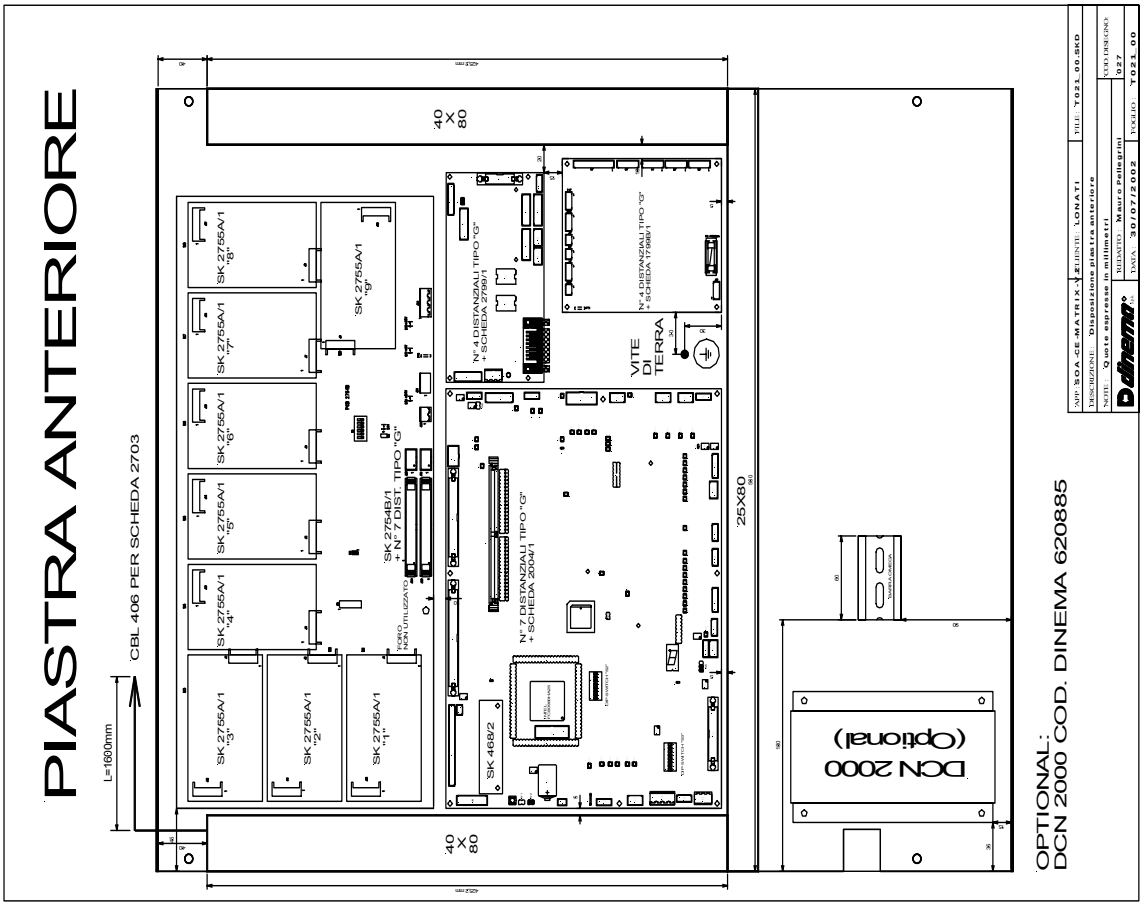
NOTA: IL CONNETTORE JA DEVE ESSERE CONNESSO AL CABLAGGIO CBL 0108 PROVENIENTE DALLA TASTIERA!

JA = MODU2 4X2 POLI-FEMMINA
JB1 = MODU2 4X2 POLI-FEMMINA
JB2 = MODU2 4X2 POLI-MASCHIO
JC1 = MODU2 4 POLI-MASCHIO
JC2 = MODU2 4 POLI-FEMMINA
JD1 = MODU2 4 POLI-MASCHIO
JD2 = MODU2 4 POLI-FEMMINA

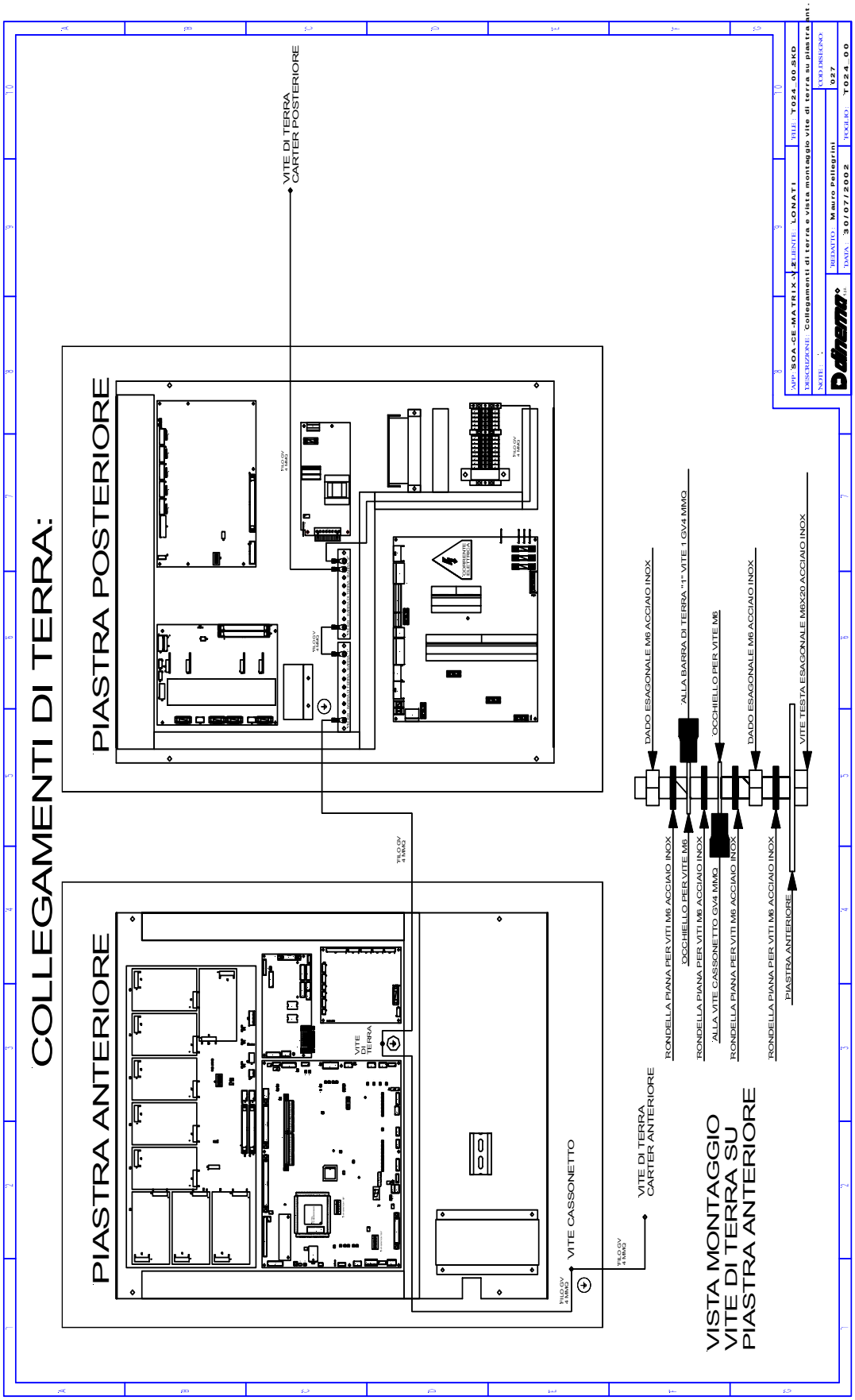
App: SOA-CE-MATRIX-V.2	Descrizione: COLLEGAMENTI CONNETTORI JA-JB1-JB2-JC1-JC2-JD1-JD2		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M032_00.DOC	Nome foglio: M032_00	Data: 30/07/2002

View of arrangement of front and rear plate with matrix pattern devices

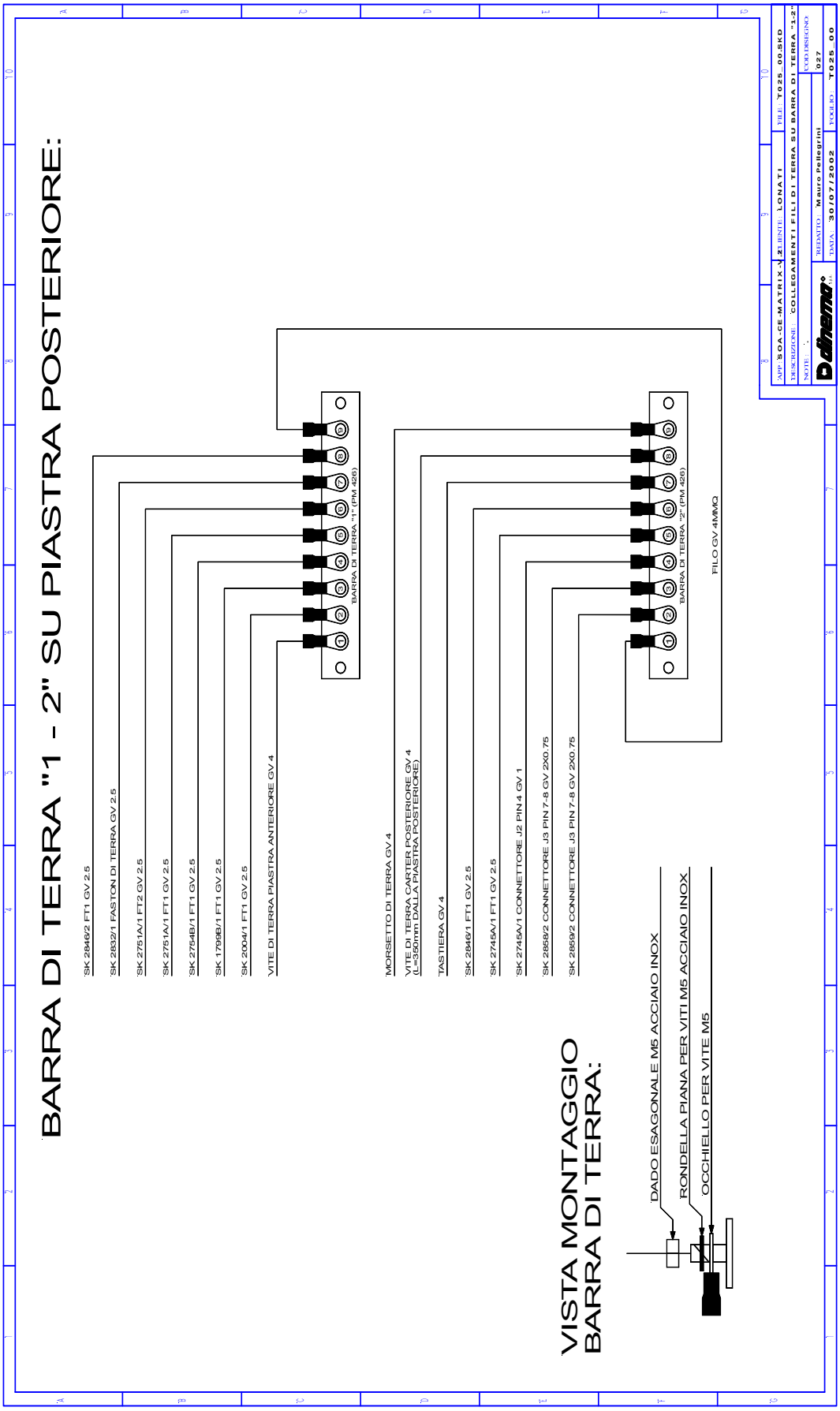




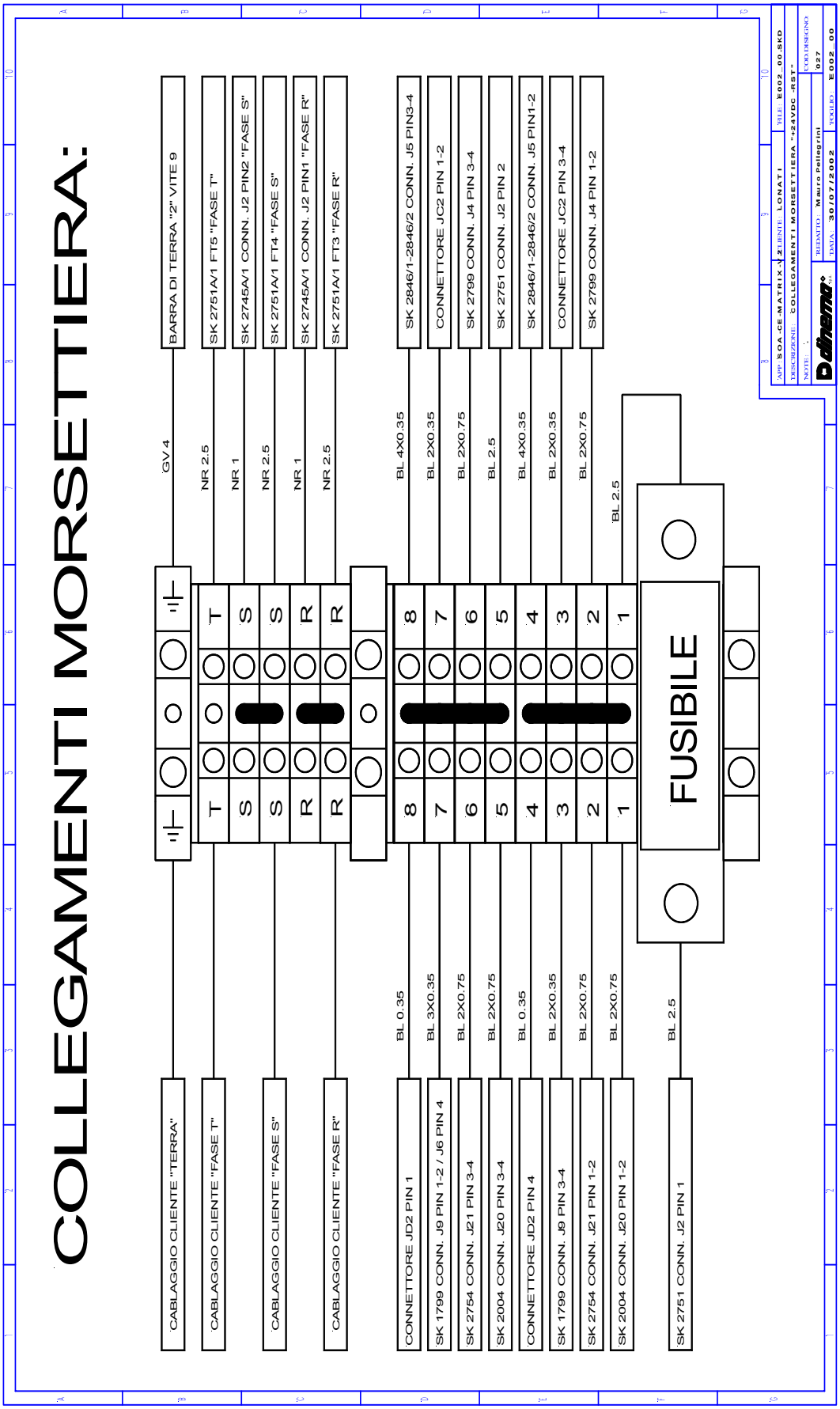
Ground connections on front plate



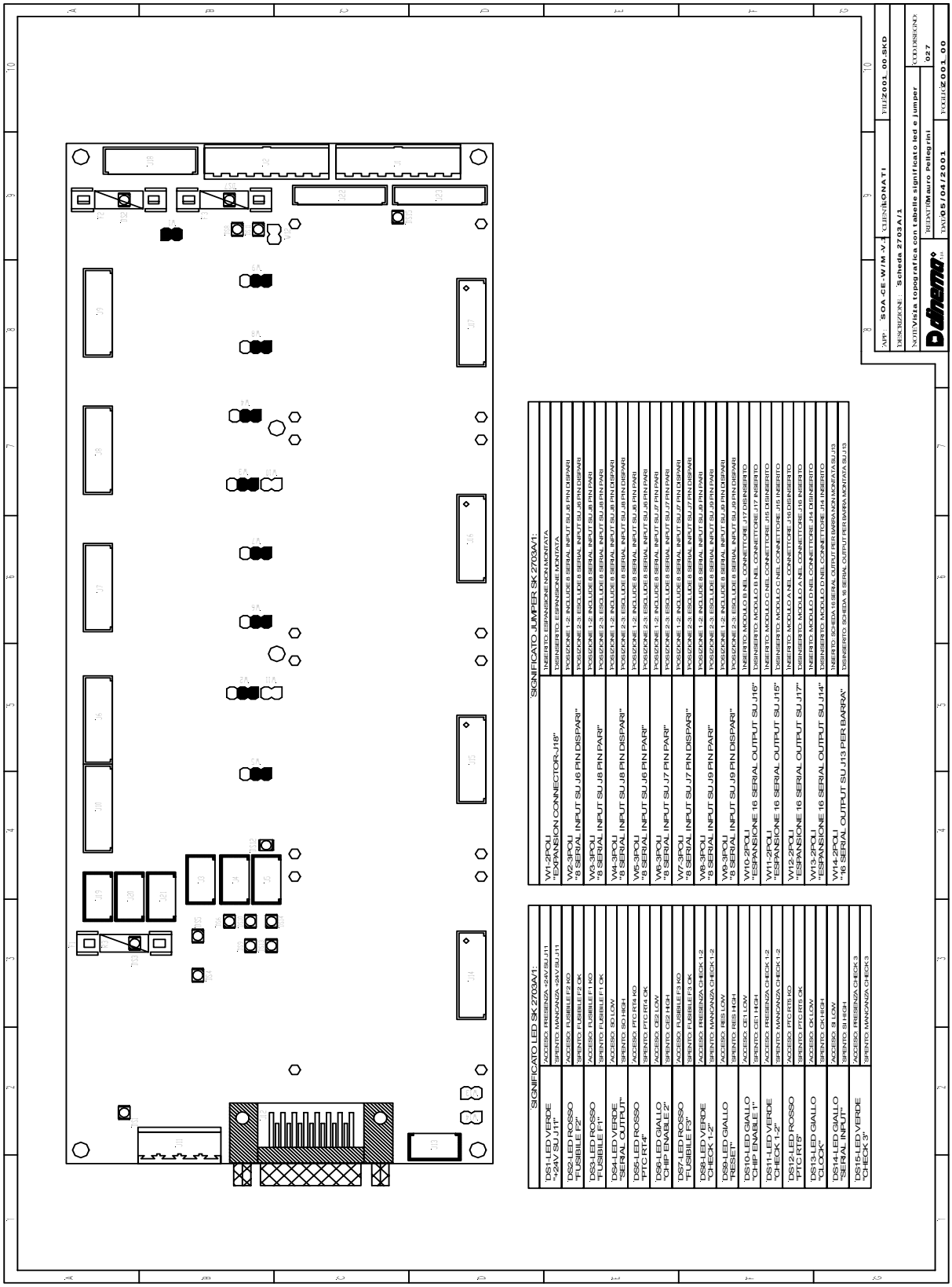
Connections of ground wires on bar "1-2" with Matrix device



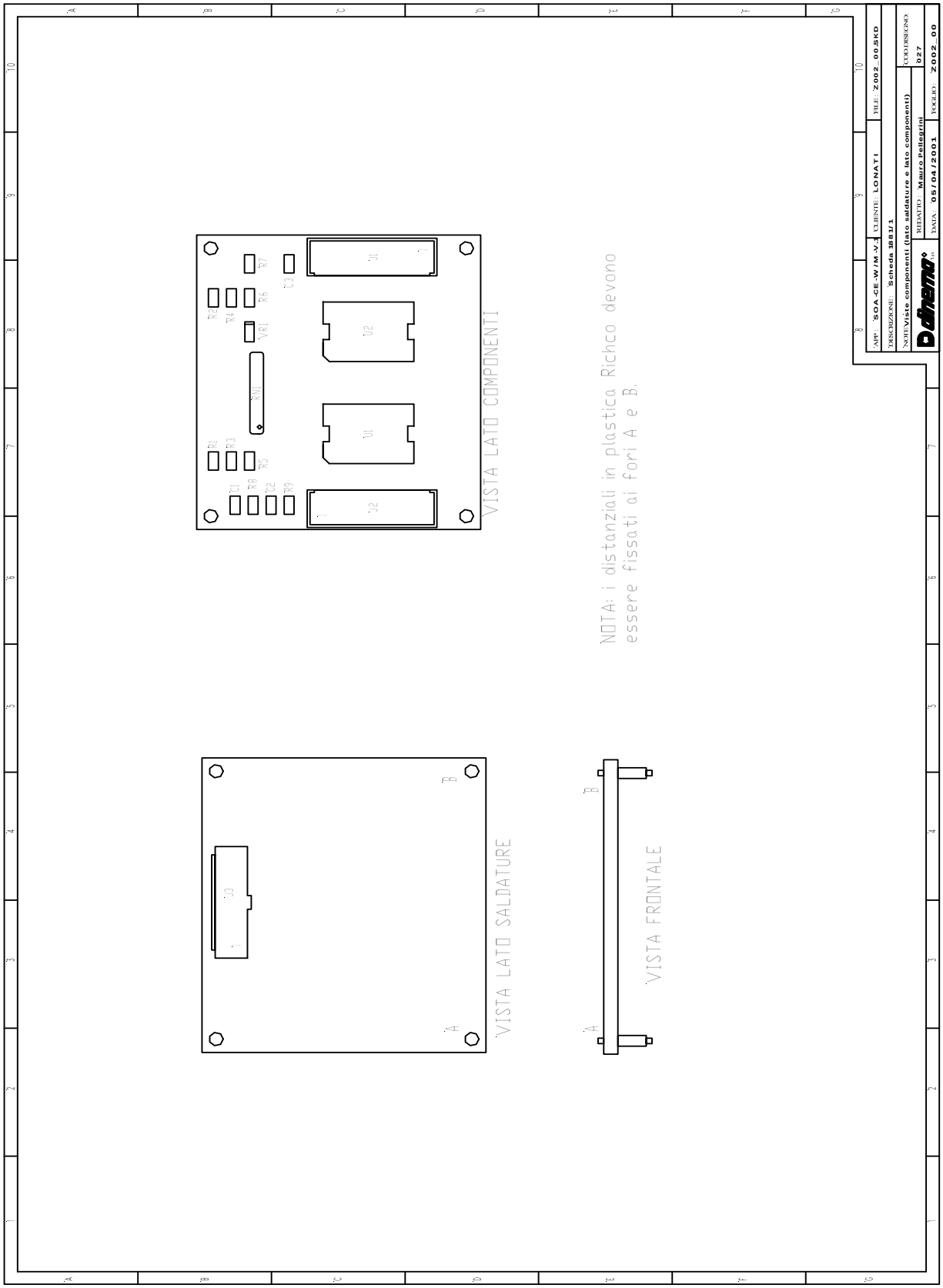
Connections with terminal board "+24VDC-RST"



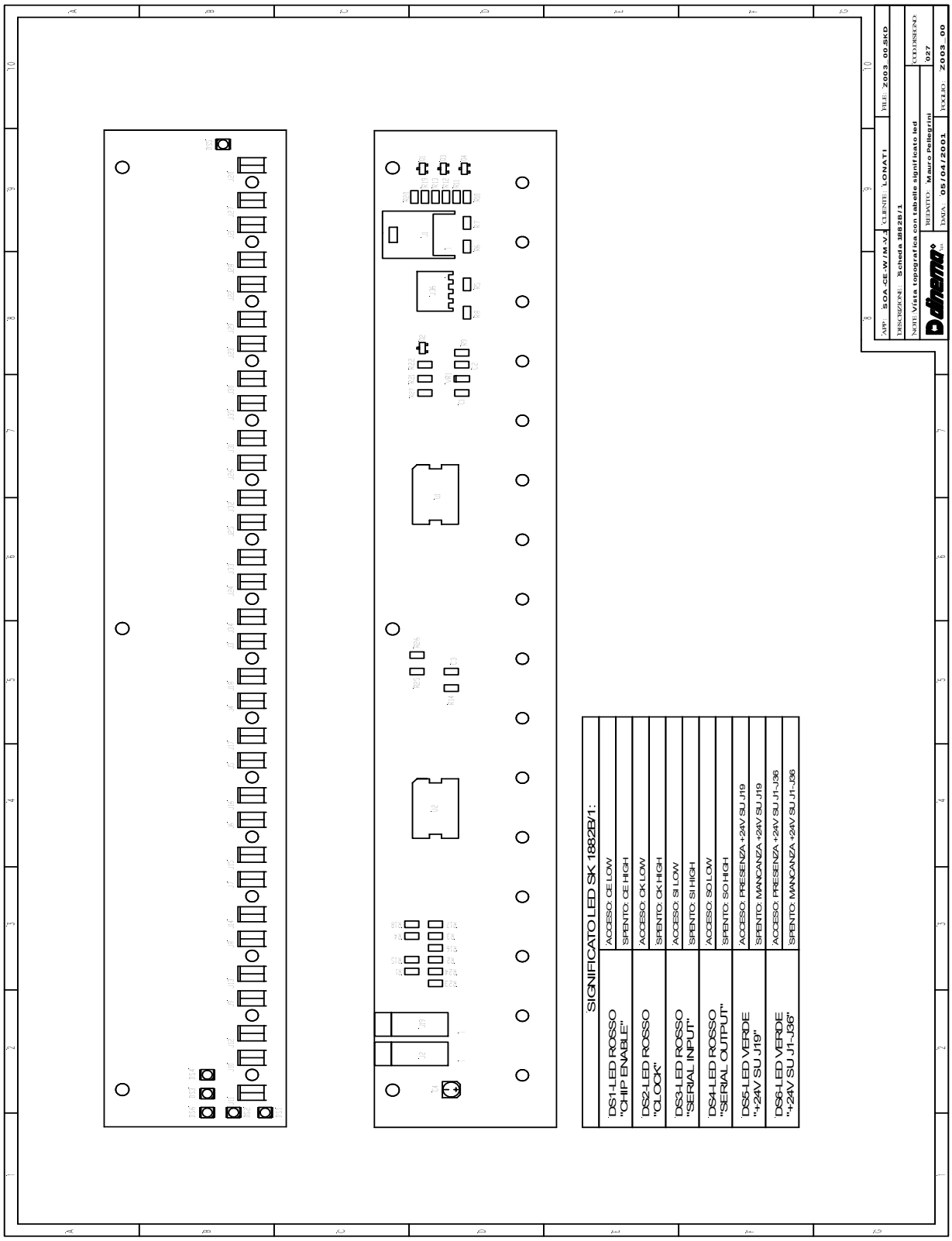
View and Connections of circuit 2703A/1 (Wac - Matrix)



View and Connections of circuit 1881/1



View of circuit 1882B/1 and connections



CONNECTIONS OF CIRCUIT “2703” FL626OT

CIRCUIT “2703 MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							+24V
J1	2							+24V
J1	3							+24V
J1	4							+24V
J1	5							0V
J1	6							0V
J1	7							0V
J1	8							0V
J2	1		J21	MR	1		PCB 1882 J2 PIN 1 BARRA 8	+24V
J2	2							+24V
J2	3							+24V
J2	4		J24	MR	1		PCB 1882 J19 PIN 1 BARRA 2	CHECK 1
J2	5							CHECK 2
J2	6		J26	BL	1		PCB 1882 J19 PIN 2 BARRA 2	0V
J2	7							0V
J2	8		J28	BL	1		PCB 1882 J2 PIN 2 BARRA 8	0V
J3	1							0V
J3	2							+24V
J3	3							0V
J3	4							+24V
J3	5							0V
J3	6							+24V
J3	7							0V
J3	8							+24V
J4	1							0V
J4	2							+24V
J4	3							0V
J4	4							+24V
J4	5							0V
J4	6							+24V
J4	7							0V
J4	8							+24V
J5	1							0V
J5	2							+24V
J5	3							0V
J5	4							+24V
J5	5							0V
J5	6							+24V
J5	7							0V
J5	8							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	1			BL	0.2		FASTON STOP 1U	INPUT 81 – SCATOLINE
J6	2			NR	0.2		FASTON STOP 2U	INPUT 96 – LINGUETTE 1
J6	3			MR	0.2		FASTON STOP 3U	INPUT 82 – LINGUETTE 2
J6	4			VI	0.2		FASTON STOP 4U	INPUT 95 – AGHI POSTERIORE
J6	5			VE	0.2		FASTON STOP 5U	INPUT 83 – NON USATO
J6	6		J66	BL	0.2		FASTON STOP SEL. E.	INPUT 94 – ROTTURA SELETTORI
J6	7		J67	BL	0.2		CAPICORDA EL1	INPUT 84 – ELASTICO 1
J6	8		J68	BL	0.2		CAPICORDA EL2	INPUT 93 – NON USATO
J6	9		J69	BL	0.2		FASTON COLT 1	INPUT 85 – PULIZIA COLTELLINO 1
J6	10		J610	BL	0.2		FASTON COLT 2	INPUT 92 – NON USATO
J6	11		J611	BL	0.2		CONN. PX ANT PIN 3	INPUT 86 – PROXIMITY PICKER ANTER.
J6	12		J612	BL	0.2		CONN. PX POS PIN 3	INPUT 91 – PROXIMITY PICKER POSTER.
J6	13		J613	BL	0.2		FASTON S. ARIA	INPUT 87 – MANCANZA ARIA
J6	14		J614	BL	0.2		FASTON CAMPANA	INPUT 90 – SENSORE CAMPANA APERTA
J6	15		J615	BL	0.2		FASTON R. TAL	INPUT 88 – RECUPERA FILO TALLONE
J6	16		J616	BL	0.2		FASTON STOP VERTICALE	INPUT 89 – NON USATO
J7	1			GR	0.2		CAPICORDA STOP 1M	INPUT 65 – PUNTO TRATTENUTO CAD. 2
J7	2			VI	0.2		CAPICORDA STOP 2M	INPUT 80 – ABBASSA AGHI USCITA TALLONE
J7	3			BI	0.2		CAPICORDA STOP 3M	INPUT 66 – ABBASSA AGHI ELASTICO
J7	4			MR	0.2		CAPICORDA STOP 4M	INPUT 79 – ALZA SELETTORINI COL. 6
J7	5			NR	0.2		CAPICORDA STOP 5M	INPUT 67 – ABBASSA AGHI COLORE 6
J7	6			VE	0.2		CAPICORDA STOP 6M	INPUT 78 – ALZA AGHI CHIUSURA CORDON.
J7	7			GI	0.2		CAPICORDA STOP 7M	INPUT 68 – TRIANG. MAGLIA CAD. 2 POS. “B”
J7	8			BL	0.2		CAPICORDA STOP 8M	INPUT 77 – TRIANG. MAGLIA CAD. 2 POS. “A”
J7	9			GR	0.2		CAPICORDA STOP 9M	INPUT 69 – ABBASSA AGHI COLORE 5
J7	10			VI	0.2		CAPICORDA STOP 10M	INPUT 76 – ALZA AGHI ENTRATA TALLONE
J7	11			BI	0.2		CAPICORDA STOP 11M	INPUT 70 – APRI PALETTE SCARICO BORDO
J7	12			MR	0.2		CAPICORDA STOP 12M	INPUT 75 – ABBASSA AGHI SCARICO BORDO
J7	13			NR	0.2		CAPICORDA STOP 13M	INPUT 71 – PUNTO TRATTENUTO CAD. 1
J7	14			VE	0.2		CAPICORDA STOP 14M	INPUT 74 – ALZA AGHI CHIUSURA BORDO
J7	15			GI	0.2		CAPICORDA STOP 15M	INPUT 72 – TRIAN. MAGLIA RIT. TALL. POS. “B”
J7	16			BL	0.2		CAPICORDA STOP 16M	INPUT 73 – TRIAN. MAGLIA RIT. TALL. POS. “A”

J3 = SEK18 40 POLI J5 = MODU2 2 POLI J7 = MODU2 8X2 POLI
J4 = MODU2 9X2 POLI J6 = MODU2 4 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina FL626OT	
	Redatto: SCHINETTI LIVIO	Cod. disegno: 027	Nome file: N001_00.DOC	Nome foglio: N001_00	Data: 22-01-2002

CIRCUIT "2703" MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO	CABLAGGIO CLIENTE	DESCRIZIONE
J8	1			VI	0.2		CAPICORDA STOP 17M	INPUT 49 – TRIANG. MAGLIA CAD. 1 POS. "B"
J8	2			AR	0.2		CAPICORDA STOP 18M	INPUT 64 – TRIANG. MAGLIA CAD. 1 POS. "A"
J8	3			BI	0.2		CAPICORDA STOP 19M	INPUT 50 – NON USATO
J8	4			GI	0.2		CAPICORDA STOP 20M	INPUT 63 – NON USATO
J8	5			NR	0.2		CAPICORDA STOP 21M	INPUT 51 – NON USATO
J8	6			BL	0.2		CAPICORDA STOP 22M	INPUT 62 – NON USATO
J8	7			RO	0.2		CAPICORDA STOP 23M	INPUT 52 – NON USATO
J8	8			VE	0.2		CAPICORDA STOP 24M	INPUT 61 – NON USATO
J8	9			RS	0.2		CAPICORDA STOP 25M	INPUT 53 – NON USATO
J8	10			MR	0.2		CAPICORDA STOP 26M	INPUT 60 – NON USATO
J8	11			GR	0.2		CONN. STOP 27M PIN 2	INPUT 54 – NON USATO
J8	12			BL	0.2		CAPICORDA STOP 1L	INPUT 59 – ELIMINA SELETTORI CAD. 2
J8	13			RO	0.2		CAPICORDA STOP 2L	INPUT 55 – ELIMINA SELETTORI CAD. 1
J8	14			NR	0.2		CAPICORDA STOP 3L	INPUT 58 – ELIMINA SELETTORI ELAST.
J8	15			VE	0.2		CAPICORDA STOP 4L	INPUT 56 – NON USATO
J8	16			GI	0.2		CAPICORDA STOP 5L	INPUT 57 – NON USATO
J9	1		J91	NR	0.2		CONN. SEG PIN 4	INPUT 33 – CONTROLLO FASE SEGH.
J9	2		J92	NR	0.2		FASTON AGHI/TALL	INPUT 48 – CONTROLLO AGHI IN TALL.
J9	3							INPUT 34
J9	4							INPUT 47
J9	5		J95	NR	0.2		CONN. FASE RIF.	INPUT 35 – NON USATO
J9	6		J96	NR	0.2		CAPICORDA RIF. POS. 0	INPUT 46 – NON USATO
J9	7		J97	NR	0.2		FASTON STOP EL. CAD. 1 INF.	INPUT 36 – NON USATO
J9	8		J98	NR	0.2		FASTON STOP EL. CAD. 1 SUP	INPUT 45 – NON USATO
J9	9		J99	NR	0.2		CAPICORDA STOP ROTTURA EL.	INPUT 37 – NON USATO
J9	10		J910	NR	0.2		CONN. PMC1 INF. PIN 4	INPUT 44 – NON USATO
J9	11		J911	NR	0.2		CAPICORDA STOP PIST. VERT.	INPUT 38 – CONTROLLO BLOCCO BORDO
J9	12		J912	NR	0.2		CONN. PLAT. INF. PIN 4	INPUT 43 – NON USATO
J9	13		J913	NR	0.2		CONN. PMC1 SUP. PIN 4	INPUT 39 – NON USATO
J9	14		J914	NR	0.2		CONN. PLAT. SUP. PIN 4	INPUT 42 – NON USATO
J9	15		J915	NR	0.2		CONN. CREMA BASSO PIN 4	INPUT 40 – NON USATO
J9	16		J916	NR	0.2		CONN. CREMA ALTO PIN 4	INPUT 41 – NON USATO

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							0V
J10	2			BL	0.2		CAPICORDA S .ARIA	0V – STOP MANCANZA ARIA
J10	3			BL	0.2		FASTON CAMPANA	0V – STOP CAMPANA APERTA
J10	4							0V
J10	5							0V
J10	6			BL	0.2		CAPICORDA R.TAL	0V – STOP RITORNO TALLONE
J10	7							0V
J10	8							0V
J10	9							0V
J10	10							0V
J10	11							0V
J10	12							0V
J10	13							0V
J10	14							0V
J10	15							0V
J10	16							0V
J11	1			BL	0.75	SK 2751 CONN. J1 PIN 1 - 2		+24V
J11	2			BL	0.75	SK 2751 CONN. J1 PIN 3		CHECK24V
J11	3							0V
J11	4			BL	0.75	SK 2751 CONN. J1 PIN 5 - 6		0V
J12	1	CBL406				SK 1888 CONN. J6 PIN 1		CLK + RS 422
J12	2	CBL406				SK 1888 CONN. J6 PIN 2		CLK – RS 422
J12	3	CBL406				SK 1888 CONN. J6 PIN 3		SO + RS 422
J12	4	CBL406				SK 1888 CONN. J6 PIN 4		SO – RS 422
J12	5	CBL406				SK 1888 CONN. J6 PIN 5		SI + RS 422
J12	6	CBL406				SK 1888 CONN. J6 PIN 6		SI – RS 422
J12	7	CBL406				SK 1888 CONN. J6 PIN 7		CE1 + RS 422
J12	8	CBL406				SK 1888 CONN. J6 PIN 8		CE1 – RS 422
J12	9	CBL406				SK 1888 CONN. J6 PIN 9		CE2 + RS 422
J12	10	CBL406				SK 1888 CONN. J6 PIN 10		CE2 – RS 422
J12	11	CBL406				SK 1888 CONN. J6 PIN 11		RES + RS 422
J12	12	CBL406				SK 1888 CONN. J6 PIN 12		RES – RS 422
J12	13	CBL406						0V
J12	14	CBL406						0V
J12	15	CBL406						0V

J8 = MODU2 8X2 POLI J10 = MODU2 8X2 POLI J12 = VASCHETTA 15 POLI
J9 = MODU2 8X2 POLI J11 = BLA 4 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina FL626^{OT}

	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N002_00.DOC	Nome foglio: N002_00	Data: 22-01-2002

CIRCUIT "2703" MODULE 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J13	1			BI	0.2		PCB 1882 J1 PIN 1 BARRA 8	/CEOUT
J13	2			BL	0.2		PCB 1882 J1 PIN 2 BARRA 8	+24V
J13	3			GI	0.2		PCB 1882 J1 PIN 3 BARRA 8	CKOUT
J13	4			MR	0.2		PCB 1882 J1 PIN 4 BARRA 8	0V
J13	5			GR	0.2		PCB 1882 J1 PIN 5 BARRA 8	SIOUT
J13	6			VI	0.2		PCB 1882 J1 PIN 6 BARRA 8	0V
J13	7			VE	0.2		PCB 1882 J1 PIN 7 BARRA 8	SOUT
J13	8			NR	0.2		PCB 1882 J1 PIN 8 BARRA 8	/RESOUT
J19	1		J191	BL	0.2		CONN. PMC1 INF. PIN 2	0V – NON USATO
J19	2		J192	MR	0.2		CONN. PMC1 INF. PIN 3	+24V – NON USATO
J19	3		J193	BL	0.2		CONN. PMC1 SUP. PIN 2	0V – NON USATO
J19	4		J194	MR	0.2		CONN. PMC1 SUP. PIN 3	+24V – NON USATO
J19	5		J195	BL	0.2		CONN. FASE RIF. PIN 2	0V – NON USATO
J19	6		J196	MR	0.2		CONN. FASE RIF. PIN 3	+24V – NON USATO
J19	7		J197	BL	0.2		CONN. SEG. PIN 2	0V – PROX. FASE SEGHETTA
J19	8		J198	MR	0.2		CONN. SEG. PIN 3	+24V – PROX. FASE SEGHETTA
J20	1		J201	BL	0.2		CONN. PLAT. INF. PIN 2	0V – NON USATO
J20	2		J202	MR	0.2		CONN. PLAT. INF. PIN 3	+24V – NON USATO
J20	3		J203	BL	0.2		CONN. PLAT. SUP. PIN 2	0V – NON USATO
J20	4		J204	MR	0.2		CONN. PLAT. SUP. PIN 3	+24V – NON USATO
J20	5		J205	BL	0.2		CONN. CREMA ALTO PIN 2	0V – NON USATO
J20	6		J206	MR	0.2		CONN. CREMA ALTO PIN 3	+24V – NON USATO
J20	7		J207	BL	0.2		CONN. CREMA BASSO PIN 2	0V – NON USATO
J20	8		J208	MR	0.2		CONN. CREMA BASSO PIN 3	+24V – NON USATO
J21	1							0V
J21	2							+24V
J21	3			BL	0.2		CONN. PX ANT. PIN 4	0V – PROXIMITY PICKER ANT,
J21	4			MR	0.2		CONN. PX ANT. PIN 1	+24V – PROXIMITY PICKER ANT,
J21	5			BL	0.2		CONN. PX POS. PIN 4	0V – PROXIMITY PICKER POS,
J21	6			MR	0.2		CONN. PX POS. PIN 1	+24V – PROXIMITY PICKER POS,
J21	7							0V
J21	8							+24V
J22	1							+24V
J22	2							+24V
J22	3							+24V
J22	4							+24V
J22	5							0V
J22	6							0V
J22	7							0V
J22	8							0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTTE	DESCRIZIONE
J23	1							+24V
J23	2							+24V
J23	3							+24V
J23	4							+24V
J23	5							0V
J23	6							0V
J23	7							0V
J23	8							0V

J13 = MODU2 4X2 POLI J20 = MODU2 4X2 POLI J22 = MODU1 8 POLI
J19 = MODU2 4X2 POLI J21 = MODU2 4X2 POLI J23 = MODU1 8 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina FL626^{OT}

	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N003_00.DOC	Nome foglio: N003_00	Data: 22-01-2002

CONNECTIONS OF PCB 1882 FL 626^{OT}

CIRCUIT 1882 – BAR 8

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 2703 J13 PIN 1	/CEOUT
J1	2			BL	0,35		PCB 2703 J13 PIN 2	+24V
J1	3			GI	0,35		PCB 2703 J13 PIN 3	CKOUT
J1	4			MR	0,35		PCB 2703 J13 PIN 4	0V
J1	5			GR	0,35		PCB 2703 J13 PIN 5	SIOUT
J1	6			VI	0,35		PCB 2703 J13 PIN 6	0V
J1	7			VE	0,35		PCB 2703 J13 PIN 7	SOUT
J1	8			NR	0,35		PCB 2703 J13 PIN 8	/RESOUT
J2	1			MR	1		PCB 2703 J2 PIN 1	+24V
J2	2			BL	1		PCB 2703 J2 PIN 8	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 7)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 7)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 7)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 7)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 7)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 7)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 7)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 7)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 7)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 7)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		RECUPERA FILO TALLONE 1	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE RECUPERA FILO TALLONE 1	+24V – EV 1 POLO POSITIVO
J9		RECUPERA FILO TALLONE 2	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE RECUPERA FILO TALLONE 2	+24V – EV 2 POLO POSITIVO
J8		RECUPERA FILO TALLONE 3	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE RECUPERA FILO TALLONE 3	+24V – EV 3 POLO POSITIVO
J7		RECUPERA FILO TALLONE 4	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE RECUPERA FILO TALLONE 4	+24V – EV 4 POLO POSITIVO
J6		SOFFIO SCARICO BORDO	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE SOFFIO SCARICO BORDO	+24V – EV 5 POLO POSITIVO
J5			0V – OUT 6 – EV 6 POLO NEGATIVO
J16			+24V – EV 6 POLO POSITIVO
J4		ENTRATA UNCINI 1	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ENTRATA UNCINI 1	+24V – EV 7 POLO POSITIVO
J3		ENTRATA UNCINI 2	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ENTRATA UNCINI 2	+24V – EV 8 POLO POSITIVO
J24		PICKER ABBASSA AGO SINISTRO	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE PICKER ABBASSA AGO SINISTRO	+24V – EV 9 POLO POSITIVO
J25		USCITA UNCINI 1	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE USCITA UNCINI 1	+24V – EV 10 POLO POSITIVO
J26		USCITA UNCINI 2	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE USCITA UNCINI 2	+24V – EV 11 POLO POSITIVO
J35		PISTONE EXTRA PER RECUPERO FILO TALLONE	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PISTONE EXTRA PER RECUPERO FILO TALLONE	+24V – EV 12 POLO POSITIVO
J23		ENTRATA UNCINI DISEGNO BORDO 2	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ENTRATA UNCINI DISEGNO BORDO 2	+24V – EV 13 POLO POSITIVO
J22		TAGLIA FILO AUSULIARIO	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE TAGLIA FILO AUSULIARIO	+24V – EV 14 POLO POSITIVO
J21		PINZA ELASTICO	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE PINZA ELASTICO	+24V – EV 15 POLO POSITIVO
J20		ELIMINA COLTELLINO	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ELIMINA COLTELLINO	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N004_00.DOC	Nome foglio: N004_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 7

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 8)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 8)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 8)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 8)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 8)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 8)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 8)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 8)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 8)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 8)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 6)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 6)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 6)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 6)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 6)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 6)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 6)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 6)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 6)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 6)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		PICKER ABBASSA AGO DESTRO	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE PICKER ABBASSA AGO DESTRO	+24V – EV 1 POLO POSITIVO
J9			0V – OUT 2 – EV 2 POLO NEGATIVO
J12			+24V – EV 2 POLO POSITIVO
J8		LEVA SPUGNA RITORNO TALLONE	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE LEVA SPUGNA RITORNO TALLONE	+24V – EV 3 POLO POSITIVO
J7		PISTONE COPERCHIO PLATINE	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE PISTONE COPERCHIO PLATINE	+24V – EV 4 POLO POSITIVO
J6		LEVA MEZZA SPUGNA CADUTA 1	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE LEVA MEZZA SPUGNA CADUTA 1	+24V – EV 5 POLO POSITIVO
J5		LEVA SPUGNA CADUTA 1	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE LEVA SPUGNA CADUTA 1	+24V – EV 6 POLO POSITIVO
J4		STOP AGHI POSTERIORE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE STOP AGHI POSTERIORE	+24V – EV 7 POLO POSITIVO
J3		APRI AGO	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE APRI AGO	+24V – EV 8 POLO POSITIVO
J24			0V – OUT 9 – EV 9 POLO NEGATIVO
J34			+24V – EV 9 POLO POSITIVO
J25		ESTRAZIONE PLATINE ELASTICO	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ESTRAZIONE PLATINE ELASTICO	+24V – EV 10 POLO POSITIVO
J26		APRI AGO 2	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE APRI AGO 2	+24V – EV 11 POLO POSITIVO
J35		ESTRAZIONE PLATINE CADUTA 2	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ESTRAZIONE PLATINE CADUTA 2	+24V – EV 12 POLO POSITIVO
J23		LEVA SPUGNA CADUTA 2	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE LEVA SPUGNA CADUTA 2	+24V – EV 13 POLO POSITIVO
J22		LEVA MEZZA SPUGNA CADUTA 2	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE LEVA MEZZA SPUGNA CADUTA 2	+24V – EV 14 POLO POSITIVO
J21		STOP LINGUETTE 1	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE STOP LINGUETTE 1	+24V – EV 15 POLO POSITIVO
J20		PUNTO TRATTENUTO CADUTA 2 POSIZIONE "A"	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PUNTO TRATTENUTO CADUTA 2 POSIZIONE "A"	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N005_00.DOC	Nome foglio: N005_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 7)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 7)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 7)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 7)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 7)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 7)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 7)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 7)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 7)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 7)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 5)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 5)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 5)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 5)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 5)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 5)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 5)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 5)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 5)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 5)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		TRIANGOLO MAGLIA CADUTA 1 POSIZIONE "A"	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE TRIANGOLO MAGLIA CADUTA 1 POS. "A"	+24V – EV 1 POLO POSITIVO
J9		PUNTO TRATTENUTO CADUTA 1 POSIZIONE "A"	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE PUNTO TRATTENUTO CADUTA 1 POSIZIONE "A"	+24V – EV 2 POLO POSITIVO
J8		PUNTO TRATTENUTO CADUTA 1 POSIZIONE "B"	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE PUNTO TRATTENUTO CADUTA 1 POSIZIONE "B"	+24V – EV 3 POLO POSITIVO
J7		ELIMINA PICKER ALZA AGO	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE ELIMINA PICKER ALZA AGO	+24V – EV 4 POLO POSITIVO
J6		TRIANGOLO MAGLIA RITORNO TALLONE POS. "A"	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE TRIANGOLO MAGLIA RITORNO TALLONE POS. "A"	+24V – EV 5 POLO POSITIVO
J5		ESTRAZIONE TRIANGOLO MAGLIA RITORNO TALL. POS. "B"	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE TRIANGOLO MAGLIA RITORNO TALLONE POS. "B"	+24V – EV 6 POLO POSITIVO
J4		ALZA AGHI LUNGHI ENTRATA TALLONE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ALZA AGHI LUNGHI ENTRATA TALLONE	+24V – EV 7 POLO POSITIVO
J3		ALZA AGHI LUNGHI E MEDI ENTRATA TALLONE	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ALZA AGHI LUNGHI E MEDI ENTR.TALLONE	+24V – EV 8 POLO POSITIVO
J24		TRIANGOLO MAGLIA CADUTA 2 POSIZIONE "B"	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE TRIANGOLO MAGLIA CADUTA 2 POS. "B"	+24V – EV 9 POLO POSITIVO
J25		TRIANGOLO MAGLIA CADUTA 2 POSIZIONE "A"	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE TRIANGOLO MAGLIA CADUTA 2 POS. "A"	+24V – EV 10 POLO POSITIVO
J26		ABBASSA AGHI COLORE 6	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ABBASSA AGHI COLORE 6	+24V – EV 11 POLO POSITIVO
J35		ABBASSA AGHI ELASTICO POSIZIONE "B"	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ABBASSA AGHI ELASTICO POSIZIONE "B"	+24V – EV 12 POLO POSITIVO
J23		ABBASSA AGHI ELASTICO POSIZIONE "A"	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ABBASSA AGHI ELASTICO POSIZIONE "A"	+24V – EV 13 POLO POSITIVO
J22		ABBASSA AGHI USCITA TALLONE	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE ABBASSA AGHI USCITA TALLONE	+24V – EV 14 POLO POSITIVO
J21		ALZA SELETTORINI COLORE 6	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ALZA SELETTORINI COLORE 6	+24V – EV 15 POLO POSITIVO
J20		PUNTO TRATTENUTO CADUTA 2 POSIZIONE "B"	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PUNTO TRATTENUTO CADUTA 2 POSIZIONE "B"	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{OT}
Redatto: MANGILI FABIO		Cod. disegno: 027	Nome file: N006_00.DOC	Nome foglio: N006_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 5

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 6)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 6)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 6)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 6)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 6)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 6)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 6)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 6)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 6)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 6)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 4)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 4)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 4)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 4)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 4)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 4)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 4)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 4)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 4)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 4)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		TRIANGOLO MAGLIA CADUTA 1 POSIZIONE "B"	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE TRIANGOLO MAGLIA CADUTA 1 POS. "B"	+24V – EV 1 POLO POSITIVO
J9		SBILANCIAMENTO TRIANGOLO CADUTA 1	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 1	+24V – EV 2 POLO POSITIVO
J8		SBILANCIAMENTO TRIANG. CADUTA 1 POS. 2 (OPTIONAL)	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 1 POS. 2	+24V – EV 3 POLO POSITIVO
J7		ESPULSIONE CALZA	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE ESPULSIONE CALZA	+24V – EV 4 POLO POSITIVO
J6		OLIATORE	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE OLIATORE	+24V – EV 5 POLO POSITIVO
J5		MANOVELLA	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE MANOVELLA	+24V – EV 6 POLO POSITIVO
J4		ELIMINA SELETTORI ELASTICO	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ELIMINA SELETTORI ELASTICO	+24V – EV 7 POLO POSITIVO
J3		ABBASSA AGHI COLORE 5	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ABBASSA AGHI COLORE 5	+24V – EV 8 POLO POSITIVO
J24		APRI PALETTE SCARICO BORDO POSIZIONE "A"	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE APRI PALETTE SCARICO BORDO POS. "A"	+24V – EV 9 POLO POSITIVO
J25		APRI PALETTE SCARICO BORDO POSIZIONE "B"	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE APRI PALETTE SCARICO BORDO POS. "B"	+24V – EV 10 POLO POSITIVO
J26		CAM ABBASSA AGHI SCARICO BORDO POS. "A"	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ABBASSA AGHI SCARICO BORDO POS. "A"	+24V – EV 11 POLO POSITIVO
J35		ABBASSA AGHI SCARICO BORDO POS. "B"	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ABBASSA AGHI SCARICO BORDO POS. "B"	+24V – EV 12 POLO POSITIVO
J23		ELIMINA SELETTORI 2	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ELIMINA SELETTORI 2	+24V – EV 13 POLO POSITIVO
J22		ELIMINA SELETTORI 1	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE ELIMINA SELETTORI 1	+24V – EV 14 POLO POSITIVO
J21			0V – OUT 15 – EV 15 POLO NEGATIVO
J28			+24V – EV 15 POLO POSITIVO
J20		SBILANCIAMENTO TRIANG. CADUTA 2 POS. 2 (OPTIONAL)	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 2 POS. 2	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882	Cliente: LONATI	Note: Per macchina FL626^{OT}	
Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N007_00.DOC	Nome foglio: N007_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 4

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 5)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 5)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 5)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 5)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 5)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 5)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 5)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 5)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 5)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 5)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 3)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 3)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 3)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 3)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 3)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 3)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 3)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 3)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 3)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 3)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		TENSIONATORE LYCRA CADUTA 1 (OPTIONAL)	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE TENSIONATORE LYCRA CADUTA 1 (OPTIONAL)	+24V – EV 1 POLO POSITIVO
J9		TENSIONATORE LYCRA CADUTA 2 (OPTIONAL)	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE TENSIONATORE LYCRA CADUTA 2 (OPTIONAL)	+24V – EV 2 POLO POSITIVO
J8		ABBASSA AGHI RINFORZO SOLETTA	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE ABBASSA AGHI RINFORZO SOLETTA	+24V – EV 3 POLO POSITIVO
J7		DEVIATORE CONTROLLO CALZA (OPTIONAL)	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE DEVIATORE CONTROLLO CALZA (OPTIONAL)	+24V – EV 4 POLO POSITIVO
J6		SBILANCIAMENTO TRIANGOLO RITORNO TALLONE	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE SBILANCIAM. TRIANGOLO RITORNO TALLONE	+24V – EV 5 POLO POSITIVO
J5		PINZA LYCRA CADUTA 2 (OTIONAL)	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE PINZA LYCRA CADUTA 2 (OTIONAL)	+24V – EV 6 POLO POSITIVO
J4		SPOSTAMENTO GUIDAFILO MOBILE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE SPOSTAMENTO GUIDAFILO MOBILE	+24V – EV 7 POLO POSITIVO
J3		ENTRATA UNCINI DISEGNO BORDO 1	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ENTRATA UNCINI DISEGNO BORDO 1	+24V – EV 8 POLO POSITIVO
J24		SBILANCIAMENTO TRIANGOLO CADUTA 2	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 2	+24V – EV 9 POLO POSITIVO
J25		PISTONE TUBO INTERNO POSIZIONE 1	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMNUE PISTONE TUBO INTERNO POSIZIONE 1	+24V – EV 10 POLO POSITIVO
J26		PISTONE TUBO INTERNO POSIZIONE 2	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMNUE PISTONE TUBO INTERNO POSIZIONE 2	+24V – EV 11 POLO POSITIVO
J35		PISTONE TUBO INTERNO POSIZIONE 3	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMNUE PISTONE TUBO INTERNO POSIZIONE 3	+24V – EV 12 POLO POSITIVO
J23		PISTONE TUBO INTERNO POSIZIONE 4	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMNUE PISTONE TUBO INTERNO POSIZIONE 4	+24V – EV 13 POLO POSITIVO
J22		SOFFIO PULIZIA CARTER SUPERIORE (OPTIONAL)	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE SOFFIO PULIZIA CARTER SUPERIORE (OPTIONAL)	+24V – EV 14 POLO POSITIVO
J21			0V – OUT 15 – EV 15 POLO NEGATIVO
J28			+24V – EV 15 POLO POSITIVO
J20		CAM ALZA AGHI CHIUSURA CORDONCINO	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE CAM ALZA AGHI CHIUSURA CORDONCINO	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N008_00.DOC	Nome foglio: N008_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 4)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 4)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 4)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 4)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 4)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 4)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 4)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 4)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 4)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 4)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 2)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 2)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 2)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 2)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 2)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 2)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 2)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 2)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 2)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 2)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		CAM ALZA AGHI CHIUSURA BORDO POS. “A”	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE CAM ALZA AGHI CHIUSURA BORDO POS. “A”	+24V – EV 1 POLO POSITIVO
J9		CAM ALZA AGHI CHIUSURA BORDO POS. “B”	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE CAM ALZA AGHI CHIUSURA BORDO POS. “B”	+24V – EV 2 POLO POSITIVO
J8		SBILANCIAMENTO CAM SCARICO MAGLIA	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE SBILANCIAMENTO CAM SCARICO MAGLIA	+24V – EV 3 POLO POSITIVO
J7			0V – OUT 4 – EV 4 POLO NEGATIVO
J14			+24V – EV 4 POLO POSITIVO
J6		ELIMINA PICKER ALZA AGO CADUTA 1	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE ELIMINA PICKER ALZA AGO CADUTA 1	+24V – EV 5 POLO POSITIVO
J5		DISATTIVA PISTONE SCATOLINE CADUTA 1	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE DISATTIVA PISTONE SCATOLINE CADUTA 1	+24V – EV 6 POLO POSITIVO
J4		PISTONE FRENO GRUPPO VERTICALE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE PISTONE FRENO GRUPPO VERTICALE	+24V – EV 7 POLO POSITIVO
J3		REGOLAZIONE 2 GUIDAFILO 4 CADUTA 1	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE REGOLAZIONE 2 GUIDAFILO 4 CADUTA 1	+24V – EV 8 POLO POSITIVO
J24		SOFFIO PULIZIA PLATINE	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE SOFFIO PULIZIA PLATINE	+24V – EV 9 POLO POSITIVO
J25			0V – OUT 10 – EV 10 POLO NEGATIVO
J33			+24V – EV 10 POLO POSITIVO
J26			0V – OUT 11 – EV 11 POLO NEGATIVO
J32			+24V – EV 11 POLO POSITIVO
J35		REGOLAZIONE 2 GUIDAFILO ELASTICO	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE REGOLAZIONE 2 GUIDAFILO ELASTICO	+24V – EV 12 POLO POSITIVO
J23			0V – OUT 13 – EV 13 POLO NEGATIVO
J30			+24V – EV 13 POLO POSITIVO
J22		VALVOLA ROVESCIATORE POSIZIONE 1 (OPTIONAL)	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE VALVOLA ROVESCIATORE POS. 1 (OPTIONAL)	+24V – EV 14 POLO POSITIVO
J21		VALVOLA ROVESCIATORE POSIZIONE 2 (OPTIONAL)	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE VALVOLA ROVESCIATORE POS. 2 (OPTIONAL)	+24V – EV 15 POLO POSITIVO
J20		SOFFIO ROVESCIATORE (OPTIONAL)	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE SOFFIO ROVESCIATORE (OPTIONAL)	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{OT}
Redatto: MANGILI FABIO		Cod. disegno: 027	Nome file: N009_00.DOC	Nome foglio: N009_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 3)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 3)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 3)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 3)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 3)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 3)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 3)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 3)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 3)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 3)	0V
J19	4			MR	1		PCB 2703 J2 PIN 4	+24V
J19	5			BL	1		PCB 2703 J2 PIN 6	0V
J36	1							/CEOUT
J36	2							+24V
J36	3							CKOUT
J36	4							0V
J36	5			BL	0,35		PCB 1882 J36 PIN 7 (BARRA 2)	SIOUT
J36	6							0V
J36	7			BL	0,35		PCB 1882 J36 PIN 5 (BARRA 2)	SOUT
J36	8							/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		USCITA INTERNA LONATI (OPTIONAL)	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE USCITA INTERNA LONATI (OPTIONAL)	+24V – EV 1 POLO POSITIVO
J9			0V – OUT 2 – EV 2 POLO NEGATIVO
J12			+24V – EV 2 POLO POSITIVO
J8			0V – OUT 3 – EV 3 POLO NEGATIVO
J13			+24V – EV 3 POLO POSITIVO
J7			0V – OUT 4 – EV 4 POLO NEGATIVO
J14			+24V – EV 4 POLO POSITIVO
J6			0V – OUT 5 – EV 5 POLO NEGATIVO
J15			+24V – EV 5 POLO POSITIVO
J5			0V – OUT 6 – EV 6 POLO NEGATIVO
J16			+24V – EV 6 POLO POSITIVO
J4			0V – OUT 7 – EV 7 POLO NEGATIVO
J17			+24V – EV 7 POLO POSITIVO
J3			0V – OUT 8 – EV 8 POLO NEGATIVO
J18			+24V – EV 8 POLO POSITIVO
J24			0V – OUT 9 – EV 9 POLO NEGATIVO
J34			+24V – EV 9 POLO POSITIVO
J25			0V – OUT 10 – EV 10 POLO NEGATIVO
J33			+24V – EV 10 POLO POSITIVO
J26			0V – OUT 11 – EV 11 POLO NEGATIVO
J32			+24V – EV 11 POLO POSITIVO
J35			0V – OUT 12 – EV 12 POLO NEGATIVO
J31			+24V – EV 12 POLO POSITIVO
J23			0V – OUT 13 – EV 13 POLO NEGATIVO
J30			+24V – EV 13 POLO POSITIVO
J22			0V – OUT 14 – EV 14 POLO NEGATIVO
J29			+24V – EV 14 POLO POSITIVO
J21			0V – OUT 15 – EV 15 POLO NEGATIVO
J28			+24V – EV 15 POLO POSITIVO
J20			0V – OUT 16 – EV 16 POLO NEGATIVO
J27			+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N010_00.DOC	Nome foglio: N010_00	Data: 22-01-2002

CONNECTIONS OF PCB 1881 FL 626^{OT} (MODULE A-B-C-D)

CIRCUIT 1881 – MODULE A

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	O.2		CONNETTORE “2” PIN 1	OUT 8 – GUIDAFILO 2 CADUTA 2
J1	2			MR	O.2		CONNETTORE “2” PIN 5	+24V – COMUNE GUDAFILI CAD. 2
J1	3			GI	O.2		CONNETTORE “2” PIN 2	OUT 7 – GUIDAFILO 1 CADUTA 2
J1	4			AR	O.2		CONNETTORE “2” PIN 7	+24V – COMUNE GUDAFILI CAD. 2
J1	5			GR	O.2		CONNETTORE “2” PIN 3	OUT 6 – GUIDAFILO 3 CADUTA 2
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “2” PIN 4	OUT 5 – REG. GUIDAF. 1 CAD. 2
J1	8							+24V
J1	9			BL	O.2		CONNETTORE “2” PIN 6	OUT 4 – REG. GUIDAF. 2 CAD. 2
J1	10							+24V
J1	11			RO	O.2		CONNETTORE “2” PIN 8	OUT 3 – REG. GUIDAF. 3 CAD. 2
J1	12							+24V
J1	13			NR	O.2		CONNETTORE “2” PIN 10	OUT 2 – REG. GUIDAF. 4 CAD. 2
J1	14							+24V
J1	15			RS	O.2		CONNETTORE “2” PIN 12	OUT 1 – REG. GUIDAF. 5 CAD. 2
J1	16							+24V
J2	1			BI/MR	0.2		CONNETTORE “2” PIN 13	OUT 16 – GUIDAFILO 4 CADUTA 2
J2	2			BI/RO	0.2		CONNETTORE “2” PIN 9	+24V – COMUNE GUDAFILI CAD. 2
J2	3			BI/NR	0.2		CONNETTORE “2” PIN 14	OUT 15 – REG. GUIDAF. 6 CAD. 2
J2	4			BI/BL	0.2		CONNETTORE “2” PIN 11	+24V
J2	5			TU	0.2		CONNETTORE “2” PIN 15	OUT 14 – GUIDAFILO 5 CADUTA 2
J2	6							+24V
J2	7			NO	0.2		CONNETTORE “2” PIN 16	OUT 13 – GUIDAFILO 6 CADUTA 2
J2	8							+24V
J2	9			GR	0.2		CONNETTORE “C6” PIN 2	OUT 12 – GUIDAFILO 1 COLORE 6
J2	10							+24V
J2	11			BI	0.2		CONNETTORE “C6” PIN 3	OUT 11 – GUIDAFILO ELASTICO
J2	12							+24V
J2	13			VE	0.2		CONNETTORE “C6” PIN 4	OUT 10 – REG. GUIDAF. ELASTICO
J2	14							+24V
J2	15			BL	0.2		CONNETTORE “C6” PIN 5	OUT 9 – GUIDAFILO 2 COLORE 6
J2	16						CONNETTORE “C6” PIN 6	+24V – COMUNE GUIDAFILI COL. 6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J17 PIN 1		*CESPI OUT
J3	2					PCB 2703 J17 PIN 2		0V
J3	3					PCB 2703 J17 PIN 3		CLKSPI
J3	4					PCB 2703 J17 PIN 4		0V
J3	5					PCB 2703 J17 PIN 5		SPIOUT 1
J3	6					PCB 2703 J17 PIN 6		0V
J3	7					PCB 2703 J17 PIN 7		SPIOUT
J3	8					PCB 2703 J17 PIN 8		0V
J3	9					PCB 2703 J17 PIN 9		*RESETSPI
J3	10					PCB 2703 J17 PIN 10		0V
J3	11					PCB 2703 J17 PIN 11		+24V
J3	12					PCB 2703 J17 PIN 12		+24V
J3	13					PCB 2703 J17 PIN 13		+24V
J3	14					PCB 2703 J17 PIN 14		+24V
J3	15					PCB 2703 J17 PIN 15		+24V
J3	16					PCB 2703 J17 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL626^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N011_00.DOC	Nome foglio: N011_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE B

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			VE	0.2		CONNETTORE “DX” PIN 1	OUT 8 – GUIDAFILO 2 COLORE 3
J1	2			MR	0.2		CONNETTORE “DX” PIN 7	+24V – COMUNE EV. DESTRA
J1	3			GI	0.2		CONNETTORE “DX” PIN 2	OUT 7 – GUIDAFILO 1 COLORE 3
J1	4			BL	0.2		CONNETTORE “DX” PIN 8	+24V – COMUNE EV. DESTRA
J1	5			VI	0.2		CONNETTORE “DX” PIN 3	OUT 6 – GUIDAFILO 2 COLORE 2
J1	6							+24V
J1	7			GR	0.2		CONNETTORE “DX” PIN 4	OUT 5 – GUIDAFILO 1 COLORE 2
J1	8							+24V
J1	9			BI	0.2		CONNETTORE “DX” PIN 5	OUT 4 – GUIDAFILO 2 COLORE 1
J1	10							+24V
J1	11			NR	0.2		CONNETTORE “DX” PIN 6	OUT 3 – GUIDAFILO 1 COLORE 1
J1	12							+24V
J1	13							OUT 2
J1	14							+24V
J1	15							OUT 1
J1	16							+24V
J2	1			VE	0.2		CONNETTORE “SX” PIN 1	OUT 16 – NON USATO
J2	2			MR	0.2		CONNETTORE “SX” PIN 7	+24V – COMUNE EV. SINISTRA
J2	3			GI	0.2		CONNETTORE “SX” PIN 2	OUT 15 – STOP LINGUETTE 2
J2	4			BL	0.2		CONNETTORE “SX” PIN 8	+24V – COMUNE EV. SINISTRA
J2	5			VI	0.2		CONNETTORE “SX” PIN 3	OUT 14 – GUIDAFILO 1 COLORE 4
J2	6							+24V
J2	7			GR	0.2		CONNETTORE “SX” PIN 4	OUT 13 – GUIDAFILO 2 COLORE 4
J2	8							+24V
J2	9			BI	0.2		CONNETTORE “SX” PIN 5	OUT 12 – GUIDAFILO 1 COLORE 5
J2	10							+24V
J2	11			NR	0.2		CONNETTORE “SX” PIN 6	OUT 11 – GUIDAFILO 2 COLORE 5
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J16 PIN 1		*CESPI OUT
J3	2					PCB 2703 J16 PIN 2		0V
J3	3					PCB 2703 J16 PIN 3		CLKSPI
J3	4					PCB 2703 J16 PIN 4		0V
J3	5					PCB 2703 J16 PIN 5		SPIOUT 1
J3	6					PCB 2703 J16 PIN 6		0V
J3	7					PCB 2703 J16 PIN 7		SPIOUT
J3	8					PCB 2703 J16 PIN 8		0V
J3	9					PCB 2703 J16 PIN 9		*RESETSPI
J3	10					PCB 2703 J16 PIN 10		0V
J3	11					PCB 2703 J16 PIN 11		+24V
J3	12					PCB 2703 J16 PIN 12		+24V
J3	13					PCB 2703 J16 PIN 13		+24V
J3	14					PCB 2703 J16 PIN 14		+24V
J3	15					PCB 2703 J16 PIN 15		+24V
J3	16					PCB 2703 J16 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881	Cliente: LONATI	Note: Per macchina FL626^{OT}

CIRCUIT 1881 – MODULE C

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0.2		CONNETTORE “1” PIN 8	OUT 8 – GUIDAFILO 5 CADUTA 1
J1	2			BI/MR	0.2		CONNETTORE “1” PIN 9	+24V – COMUNE CADUTA 1
J1	3			GI	0.2		CONNETTORE “1” PIN 10	OUT 7 – GUIDAFILO 6 CADUTA 1
J1	4							+24V
J1	5			VE	0.2		CONNETTORE “1” PIN 15	OUT 6 – REG. GUID. 5 CADUTA 1
J1	6							+24V
J1	7			BI/RO	0.2		CONNETTORE “1” PIN 12	OUT 5 – REG. GUID. 4 CADUTA 1
J1	8							+24V
J1	9			NO	0.2		CONNETTORE “1” PIN 13	OUT 4 – REG. GUID. 3 CADUTA 1
J1	10							+24V
J1	11			BI/BL	0.2		CONNETTORE “1” PIN 14	OUT 3 – GUIDAFILO 7 CADUTA 1
J1	12							+24V
J1	13			MR	0.2		CONNETTORE “1” PIN 16	OUT 2 – REG. GUID. 6/7 CADUTA 1
J1	14							+24V
J1	15			RO	0.2		CONNETTORE “1” PIN 2	OUT 1 – GUIDAFILO 1 CADUTA 1
J1	16							+24V
J2	1			GR	0.2		CONNETTORE “1” PIN 11	OUT 16 – REG. GUID. 1 CADUTA 1
J2	2							+24V
J2	3			BL	0.2		CONNETTORE “1” PIN 5	OUT 15 – GUIDAFILO 3 CADUTA 1
J2	4							+24V
J2	5			NR	0.2		CONNETTORE “1” PIN 1	OUT 14 – GUIDAFILO MOBILE
J2	6							+24V
J2	7			AR	0.2		CONNETTORE “1” PIN 4	OUT 13 – GUIDAFILO 2 CADUTA 1
J2	8							+24V
J2	9			RS	0.2		CONNETTORE “1” PIN 7	OUT 12 – REG. GUID. MOBILE
J2	10							+24V
J2	11			TU	0.2		CONNETTORE “1” PIN 3	OUT 11 – REG. GUID. 2 CADUTA 1
J2	12							+24V
J2	13			BI/NR	0.2		CONNETTORE “1” PIN 6	OUT 10 – GUIDAFILO 4 CADUTA 1
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J15 PIN 1		*CESPI OUT
J3	2					PCB 2703 J15 PIN 2		0V
J3	3					PCB 2703 J15 PIN 3		CLKSPI
J3	4					PCB 2703 J15 PIN 4		0V
J3	5					PCB 2703 J15 PIN 5		SPIOUT 1
J3	6					PCB 2703 J15 PIN 6		0V
J3	7					PCB 2703 J15 PIN 7		SPIOUT
J3	8					PCB 2703 J15 PIN 8		0V
J3	9					PCB 2703 J15 PIN 9		*RESETSPI
J3	10					PCB 2703 J15 PIN 10		0V
J3	11					PCB 2703 J15 PIN 11		+24V
J3	12					PCB 2703 J15 PIN 12		+24V
J3	13					PCB 2703 J15 PIN 13		+24V
J3	14					PCB 2703 J15 PIN 14		+24V
J3	15					PCB 2703 J15 PIN 15		+24V
J3	16					PCB 2703 J15 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881	Cliente: LONATI	Note: Per macchina FL626^{OT}

CIRCUIT 1881 – MODULE D

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							OUT 8 – USCITA UTENTE 1
J1	2							+24V
J1	3							OUT 7 – USCITA UTENTE 2
J1	4							+24V
J1	5							OUT 6 – USCITA UTENTE 3
J1	6							+24V
J1	7							OUT 5 – USCITA UTENTE 4
J1	8							+24V
J1	9							OUT 4
J1	10							+24V
J1	11							OUT
J1	12							+24V
J1	13							OUT 2
J1	14							+24V
J1	15							OUT 1
J1	16							+24V
J2	1							OUT 16
J2	2							+24V
J2	3							OUT 15
J2	4							+24V
J2	5							OUT 14
J2	6							+24V
J2	7							OUT 13
J2	8							+24V
J2	9							OUT 12
J2	10							+24V
J2	11							OUT 11
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J14 PIN 1		*CESPI OUT
J3	2					PCB 2703 J14 PIN 2		0V
J3	3					PCB 2703 J14 PIN 3		CLKSPI
J3	4					PCB 2703 J14 PIN 4		0V
J3	5					PCB 2703 J14 PIN 5		SPIOUT 1
J3	6					PCB 2703 J14 PIN 6		0V
J3	7					PCB 2703 J14 PIN 7		SPIOUT
J3	8					PCB 2703 J14 PIN 8		0V
J3	9					PCB 2703 J14 PIN 9		*RESETSPI
J3	10					PCB 2703 J14 PIN 10		0V
J3	11					PCB 2703 J14 PIN 11		+24V
J3	12					PCB 2703 J14 PIN 12		+24V
J3	13					PCB 2703 J14 PIN 13		+24V
J3	14					PCB 2703 J14 PIN 14		+24V
J3	15					PCB 2703 J14 PIN 15		+24V
J3	16					PCB 2703 J14 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL626^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N014_00.DOC	Nome foglio: N014_00	Data: 22-01-2002

CONNECTIONS OF CIRCUIT “2703” FL626^{CT}

CIRCUIT “2703” MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							+24V
J1	2							+24V
J1	3							+24V
J1	4							+24V
J1	5							0V
J1	6							0V
J1	7							0V
J1	8							0V
J2	1		J21	MR	1		PCB 1882 J2 PIN 1 BARRA 8	+24V
J2	2							+24V
J2	3							+24V
J2	4		J24	MR	1		PCB 1882 J19 PIN 1 BARRA 2	CHECK 1
J2	5							CHECK 2
J2	6		J26	BL	1		PCB 1882 J19 PIN 2 BARRA 2	0V
J2	7							0V
J2	8		J28	BL	1		PCB 1882 J2 PIN 2 BARRA 8	0V
J3	1							0V
J3	2							+24V
J3	3							0V
J3	4							+24V
J3	5							0V
J3	6							+24V
J3	7							0V
J3	8							+24V
J4	1							0V
J4	2							+24V
J4	3							0V
J4	4							+24V
J4	5							0V
J4	6							+24V
J4	7							0V
J4	8							+24V
J5	1							0V
J5	2							+24V
J5	3							0V
J5	4							+24V
J5	5							0V
J5	6							+24V
J5	7							0V
J5	8							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	1			BL	0.2		FASTON STOP 1U	INPUT 81 – SCATOLINE
J6	2			NR	0.2		FASTON STOP 2U	INPUT 96 – LINGUETTE 1
J6	3			MR	0.2		FASTON STOP 3U	INPUT 82 – LINGUETTE 2
J6	4			VI	0.2		FASTON STOP 4U	INPUT 95 – AGHI POSTERIORE
J6	5			VE	0.2		FASTON STOP 5U	INPUT 83 – NON USATO
J6	6		J66	BL	0.2		FASTON STOP SEL. E.	INPUT 94 – ROTTURA SELETTORI
J6	7		J67	BL	0.2		CAPICORDA EL1	INPUT 84 – ELASTICO 1
J6	8		J68	BL	0.2		CAPICORDA EL2	INPUT 93 – NON USATO
J6	9		J69	BL	0.2		FASTON COLT 1	INPUT 85 – PULIZIA COLTELLINO 1
J6	10		J610	BL	0.2		FASTON COLT 2	INPUT 92 – NON USATO
J6	11		J611	BL	0.2		CONN. PX ANT PIN 3	INPUT 86 – PROXIMITY PICKER ANTER.
J6	12		J612	BL	0.2		CONN. PX POS PIN 3	INPUT 91 – PROXIMITY PICKER POSTER.
J6	13		J613	BL	0.2		FASTON S. ARIA	INPUT 87 – MANCANZA ARIA
J6	14		J614	BL	0.2		FASTON CAMPANA	INPUT 90 – SENSORE CAMPANA APERTA
J6	15		J615	BL	0.2		FASTON R. TAL	INPUT 88 – RECUPERA FILO TALLONE
J6	16		J616	BL	0.2		FASTON STOP VERTICALE	INPUT 89 – NON USATO
J7	1			GR	0.2		CAPICORDA STOP 1M	INPUT 65 – PUNTO TRATTENUTO CAD. 2
J7	2			VI	0.2		CAPICORDA STOP 2M	INPUT 80 – ABBASSA AGHI USCITA TALLONE
J7	3			BI	0.2		CAPICORDA STOP 3M	INPUT 66 – ABBASSA AGHI ELASTICO
J7	4			MR	0.2		CAPICORDA STOP 4M	INPUT 79 – ALZA SELETTORINI COL. 6
J7	5			NR	0.2		CAPICORDA STOP 5M	INPUT 67 – ABBASSA AGHI COLORE 6
J7	6			VE	0.2		CAPICORDA STOP 6M	INPUT 78 – ALZA AGHI CHIUSURA CORDON.
J7	7			GI	0.2		CAPICORDA STOP 7M	INPUT 68 – TRIANG. MAGLIA CAD. 2 POS. “B”
J7	8			BL	0.2		CAPICORDA STOP 8M	INPUT 77 – TRIANG. MAGLIA CAD. 2 POS. “A”
J7	9			GR	0.2		CAPICORDA STOP 9M	INPUT 69 – ABBASSA AGHI COLORE 5
J7	10			VI	0.2		CAPICORDA STOP 10M	INPUT 76 – ALZA AGHI ENTRATA TALLONE
J7	11			BI	0.2		CAPICORDA STOP 11M	INPUT 70 – APRI PALETTE SCARICO BORDO
J7	12			MR	0.2		CAPICORDA STOP 12M	INPUT 75 – ABBASSA AGHI SCARICO BORDO
J7	13			NR	0.2		CAPICORDA STOP 13M	INPUT 71 – PUNTO TRATTENUTO CAD. 1
J7	14			VE	0.2		CAPICORDA STOP 14M	INPUT 74 – ALZA AGHI CHIUSURA BORDO
J7	15			GI	0.2		CAPICORDA STOP 15M	INPUT 72 – TRIAN. MAGLIA RIT. TALL. POS. “B”
J7	16			BL	0.2		CAPICORDA STOP 16M	INPUT 73 – TRIAN. MAGLIA RIT. TALL. POS. “A”

J3 = SEK18 40 POLI J5 = MODU2 2 POLI J7 = MODU2 8X2 POLI
J4 = MODU2 9X2 POLI J6 = MODU2 4 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina FL626^{CT}	
	Redatto: Mangili Fabio	Cod. disegno: 027	Nome file: O001_00.DOC	Nome foglio: O001_00	Data: 22-01-2002

CIRCUIT "2703" MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO	CABLAGGIO CLIENTE	DESCRIZIONE
J8	1			VI	0.2		CAPICORDA STOP 17M	INPUT 49 – ALZA MAGLIA PUNTA CHIUSA
J8	2			AR	0.2		CAPICORDA STOP 18M	INPUT 64 – CAM CENTRALE
J8	3			BI	0.2		CAPICORDA STOP 19M	INPUT 50 – TRIANG. MAGLIA CAD. 1 POS. "B"
J8	4			GI	0.2		CAPICORDA STOP 20M	INPUT 63 – TRIANG. MAGLIA CAD. 1 POS. "A"
J8	5			NR	0.2		CAPICORDA STOP 21M	INPUT 51 – NON USATO
J8	6			BL	0.2		CAPICORDA STOP 22M	INPUT 62 – NON USATO
J8	7			RO	0.2		CAPICORDA STOP 23M	INPUT 52 – NON USATO
J8	8			VE	0.2		CAPICORDA STOP 24M	INPUT 61 – NON USATO
J8	9			RS	0.2		CAPICORDA STOP 25M	INPUT 53 – NON USATO
J8	10			MR	0.2		CAPICORDA STOP 26M	INPUT 60 – NON USATO
J8	11			GR	0.2		CONN. STOP 27M PIN 2	INPUT 54 – NON USATO
J8	12			BL	0.2		CAPICORDA STOP 1L	INPUT 59 – ELIMINA SELETTORI CAD. 2
J8	13			RO	0.2		CAPICORDA STOP 2L	INPUT 55 – ELIMINA SELETTORI CAD. 1
J8	14			NR	0.2		CAPICORDA STOP 3L	INPUT 58 – ELIMINA SELETTORI ELAST.
J8	15			VE	0.2		CAPICORDA STOP 4L	INPUT 56 – NON USATO
J8	16			GI	0.2		CAPICORDA STOP 5L	INPUT 57 – NON USATO
J9	1		J91	NR	0.2		CONN. SEG PIN 4	INPUT 33 – NON USATO
J9	2		J92	NR	0.2		FASTON AGHI/TALL	INPUT 48 – NON USATO
J9	3							INPUT 34
J9	4							INPUT 47
J9	5		J95	NR	0.2		CONN. FASE RIF.	INPUT 35 – RIFASAMENTO TRAINO
J9	6		J96	NR	0.2		CAPICORDA RIF. POS. 0	INPUT 46 – RIFASAMENTO TRAINO POS. "0"
J9	7		J97	NR	0.2		FASTON STOP EL. CAD. 1 INF.	INPUT 36 – ELASTICO CADUTA 1 INFERIORE
J9	8		J98	NR	0.2		FASTON STOP EL. CAD. 1 SUP	INPUT 45 – ELASTICO CADUTA 1 SUPERIORE
J9	9		J99	NR	0.2		CAPICORDA STOP ROTTURA EL.	INPUT 37 – ROTTURA ELASTICO CADUTA 1
J9	10		J910	NR	0.2		CONN. PMC1 INF. PIN 4	INPUT 44 – PARTENZA MOT. ELAS. CAD. 1
J9	11		J911	NR	0.2		CAPICORDA STOP PIST. VERT.	INPUT 38 – CONTROLLO BLOCCO BORDO
J9	12		J912	NR	0.2		CONN. PLAT. INF. PIN 4	INPUT 43 – CONTR. PLATORELLO – INF.
J9	13		J913	NR	0.2		CONN. PMC1 SUP. PIN 4	INPUT 39 – ARRESTO MOT. ELAS. CAD. 1
J9	14		J914	NR	0.2		CONN. PLAT. SUP. PIN 4	INPUT 42 – CONTR. PLATORELLO – SUP.
J9	15		J915	NR	0.2		CONN. CREMA BASSO PIN 4	INPUT 40 – CONTR. CREMAGLIERA – INF.
J9	16		J916	NR	0.2		CONN. CREMA ALTO PIN 4	INPUT 41 – CONTR. CREMAGLIERA – SUP.

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							0V
J10	2			BL	0.2		CAPICORDA S .ARIA	0V – STOP MANCANZA ARIA
J10	3			BL	0.2		FASTON CAMPANA	0V – STOP CAMPANA APERTA
J10	4							0V
J10	5							0V
J10	6			BL	0.2		CAPICORDA R.TAL	0V – STOP RITORNO TALLONE
J10	7							0V
J10	8							0V
J10	9							0V
J10	10							0V
J10	11							0V
J10	12							0V
J10	13							0V
J10	14							0V
J10	15							0V
J10	16							0V
J11	1			BL	0.75	SK 2751 CONN. J1 PIN 1 - 2		+24V
J11	2			BL	0.75	SK 2751 CONN. J1 PIN 3		CHECK24V
J11	3							0V
J11	4			BL	0.75	SK 2751 CONN. J1 PIN 5 - 6		0V
J12	1	CBL406				SK 1888 CONN. J6 PIN 1		CLK + RS 422
J12	2	CBL406				SK 1888 CONN. J6 PIN 2		CLK – RS 422
J12	3	CBL406				SK 1888 CONN. J6 PIN 3		SO + RS 422
J12	4	CBL406				SK 1888 CONN. J6 PIN 4		SO – RS 422
J12	5	CBL406				SK 1888 CONN. J6 PIN 5		SI + RS 422
J12	6	CBL406				SK 1888 CONN. J6 PIN 6		SI – RS 422
J12	7	CBL406				SK 1888 CONN. J6 PIN 7		CE1 + RS 422
J12	8	CBL406				SK 1888 CONN. J6 PIN 8		CE1 – RS 422
J12	9	CBL406				SK 1888 CONN. J6 PIN 9		CE2 + RS 422
J12	10	CBL406				SK 1888 CONN. J6 PIN 10		CE2 – RS 422
J12	11	CBL406				SK 1888 CONN. J6 PIN 11		RES + RS 422
J12	12	CBL406				SK 1888 CONN. J6 PIN 12		RES – RS 422
J12	13	CBL406						0V
J12	14	CBL406						0V
J12	15	CBL406						0V

J8 = MODU2 8X2 POLI J10 = MODU2 8X2 POLI J12 = VASCHETTA 15 POLI
J9 = MODU2 8X2 POLI J11 = BLA 4 POLI

App: SOA-CE- WAC/MATRIX-V.1	**Descrizione: CABLAGGI SCHEDA 2703**	**Cliente: LONATI**	**Note: Per macchina FL626CT**
Redatto: Mangili Fabio	**Cod. disegno: 027**	**Nome file: O002_00.DOC**	**Nome foglio: O002_00**
			Data: 22-01-2002

CIRCUIT "2703" MODULE 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J13	1			BI	0.2		PCB 1882 J1 PIN 1 BARRA 8	/CEOUT
J13	2			BL	0.2		PCB 1882 J1 PIN 2 BARRA 8	+24V
J13	3			GI	0.2		PCB 1882 J1 PIN 3 BARRA 8	CKOUT
J13	4			MR	0.2		PCB 1882 J1 PIN 4 BARRA 8	0V
J13	5			GR	0.2		PCB 1882 J1 PIN 5 BARRA 8	SIOUT
J13	6			VI	0.2		PCB 1882 J1 PIN 6 BARRA 8	0V
J13	7			VE	0.2		PCB 1882 J1 PIN 7 BARRA 8	SOUT
J13	8			NR	0.2		PCB 1882 J1 PIN 8 BARRA 8	/RESOUT
J19	1		J191	BL	0.2		CONN. PMC1 INF. PIN 2	0V – PARTENZA MOT. ELASTICO CAD. 1
J19	2		J192	MR	0.2		CONN. PMC1 INF. PIN 3	+24V – PARTENZA MOT. ELASTICO CAD. 1
J19	3		J193	BL	0.2		CONN. PMC1 SUP. PIN 2	0V – ARRESTO MOT. ELASTICO CAD. 1
J19	4		J194	MR	0.2		CONN. PMC1 SUP. PIN 3	+24V – ARRESTO MOT. ELASTICO CAD. 1
J19	5		J195	BL	0.2		CONN. FASE RIF. PIN 2	0V – PROX. FASE RIFASATORE TRAINO
J19	6		J196	MR	0.2		CONN. FASE RIF. PIN 3	+24V – PROX. FASE RIFASATORE TRAINO
J19	7		J197	BL	0.2		CONN. SEG. PIN 2	0V – NON USATO
J19	8		J198	MR	0.2		CONN. SEG. PIN 3	+24V – NON USATO
J20	1		J201	BL	0.2		CONN. PLAT. INF. PIN 2	0V – CONTROLLO PLATORELLO INF.
J20	2		J202	MR	0.2		CONN. PLAT. INF. PIN 3	+24V – CONTROLLO PLATORELLO INF.
J20	3		J203	BL	0.2		CONN. PLAT. SUP. PIN 2	0V – CONTROLLO PLATORELLO SUP.
J20	4		J204	MR	0.2		CONN. PLAT. SUP. PIN 3	+24V – CONTROLLO PLATORELLO SUP
J20	5		J205	BL	0.2		CONN. CREMA ALTO PIN 2	0V – CONTROLLO CREMAGLIERA SUP.
J20	6		J206	MR	0.2		CONN. CREMA ALTO PIN 3	+24V – CONTROLLO CREMAGLIERA SUP.
J20	7		J207	BL	0.2		CONN. CREMA BASSO PIN 2	0V – CONTROLLO CREMAGLIERA INF.
J20	8		J208	MR	0.2		CONN. CREMA BASSO PIN 3	+24V – CONTROLLO CREMAGLIERA INF.
J21	1							0V
J21	2							+24V
J21	3			BL	0.2		CONN. PX ANT. PIN 4	0V – PROXIMITY PICKER ANT,
J21	4			MR	0.2		CONN. PX ANT. PIN 1	+24V – PROXIMITY PICKER ANT,
J21	5			BL	0.2		CONN. PX POS. PIN 4	0V – PROXIMITY PICKER POS,
J21	6			MR	0.2		CONN. PX POS. PIN 1	+24V – PROXIMITY PICKER POS,
J21	7							0V
J21	8							+24V
J22	1							+24V
J22	2							+24V
J22	3							+24V
J22	4							+24V
J22	5							0V
J22	6							0V
J22	7							0V
J22	8							0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTTE	DESCRIZIONE
J23	1							+24V
J23	2							+24V
J23	3							+24V
J23	4							+24V
J23	5							0V
J23	6							0V
J23	7							0V
J23	8							0V

J13 = MODU2 4X2 POLI J20 = MODU2 4X2 POLI J22 = MODU1 8 POLI
J19 = MODU2 4X2 POLI J21 = MODU2 4X2 POLI J23 = MODU1 8 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina FL626CT

	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O003_00.DOC	Nome foglio: O003_00	Data: 22-01-2002

CONNECTIONS OF PCB 1882 FL 626^{CT}

CIRCUIT 1882 – BAR 8

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 2703 J13 PIN 1	/CEOUT
J1	2			BL	0,35		PCB 2703 J13 PIN 2	+24V
J1	3			GI	0,35		PCB 2703 J13 PIN 3	CKOUT
J1	4			MR	0,35		PCB 2703 J13 PIN 4	0V
J1	5			GR	0,35		PCB 2703 J13 PIN 5	SIOUT
J1	6			VI	0,35		PCB 2703 J13 PIN 6	0V
J1	7			VE	0,35		PCB 2703 J13 PIN 7	SOUT
J1	8			NR	0,35		PCB 2703 J13 PIN 8	/RESOUT
J2	1			MR	1		PCB 2703 J2 PIN 1	+24V
J2	2			BL	1		PCB 2703 J2 PIN 8	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 7)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 7)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 7)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 7)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 7)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 7)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 7)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 7)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 7)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 7)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		RECUPERA FILO TALLONE 1	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE RECUPERA FILO TALLONE 1	+24V – EV 1 POLO POSITIVO
J9		RECUPERA FILO TALLONE 2	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE RECUPERA FILO TALLONE 2	+24V – EV 2 POLO POSITIVO
J8		RECUPERA FILO TALLONE 3	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE RECUPERA FILO TALLONE 3	+24V – EV 3 POLO POSITIVO
J7		RECUPERA FILO TALLONE 4	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE RECUPERA FILO TALLONE 4	+24V – EV 4 POLO POSITIVO
J6		SOFFIO SCARICO BORDO	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE SOFFIO SCARICO BORDO	+24V – EV 5 POLO POSITIVO
J5		ENTRATA PARZIALE UNCINI 1	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE ENTRATA PARZIALE UNCINI 1	+24V – EV 6 POLO POSITIVO
J4		ENTRATA UNCINI 1	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ENTRATA UNCINI 1	+24V – EV 7 POLO POSITIVO
J3		ENTRATA UNCINI 2	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ENTRATA UNCINI 2	+24V – EV 8 POLO POSITIVO
J24		PICKER ABBASSA AGO SINISTRO	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE PICKER ABBASSA AGO SINISTRO	+24V – EV 9 POLO POSITIVO
J25		USCITA UNCINI 2	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE USCITA UNCINI 2	+24V – EV 10 POLO POSITIVO
J26		USCITA UNCINI 1	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE USCITA UNCINI 1	+24V – EV 11 POLO POSITIVO
J35		PISTONE EXTRA PER RECUPERA FILO TALLONE	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PISTONE EXTRA PER RECUPERA FILO TALLONE	+24V – EV 12 POLO POSITIVO
J23		ENTRATA UNCINI DISEGNO BORDO	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ENTRATA UNCINI DISEGNO BORDO	+24V – EV 13 POLO POSITIVO
J22		TAGLIA FILO AUSILIARIO	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE TAGLIA FILO AUSILIARIO	+24V – EV 14 POLO POSITIVO
J21		PINZA ELASTICO	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE PINZA ELASTICO	+24V – EV 15 POLO POSITIVO
J20		ELIMINA COLTELLINO	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ELIMINA COLTELLINO	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O004_00.DOC	Nome foglio: O004_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 7

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 8)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 8)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 8)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 8)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 8)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 8)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 8)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 8)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 8)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 8)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 6)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 6)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 6)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 6)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 6)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 6)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 6)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 6)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 6)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 6)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		PICKER ABBASSA AGO DESTRO	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE PICKER ABBASSA AGO DESTRO	+24V – EV 1 POLO POSITIVO
J9		SOFFIO CATENELLA SCARICO PUNTA	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE SOFFIO CATENELLA SCARICO PUNTA	+24V – EV 2 POLO POSITIVO
J8		LEVA SPUGNA RITORNO TALLONE	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE LEVA SPUGNA RITORNO TALLONE	+24V – EV 3 POLO POSITIVO
J7		PISTONE COPERCHIO PLATINE	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE PISTONE COPERCHIO PLATINE	+24V – EV 4 POLO POSITIVO
J6		LEVA MEZZA SPUGNA CADUTA 1	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE LEVA MEZZA SPUGNA CADUTA 1	+24V – EV 5 POLO POSITIVO
J5		LEVA SPUGNA CADUTA 1	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE LEVA SPUGNA CADUTA 1	+24V – EV 6 POLO POSITIVO
J4		STOP AGHI POSTERIORE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE STOP AGHI POSTERIORE	+24V – EV 7 POLO POSITIVO
J3		APRI AGO	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE APRI AGO	+24V – EV 8 POLO POSITIVO
J24		ENTRATA PARZIALE UNCINI 2	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE ENTRATA PARZIALE UNCINI 2	+24V – EV 9 POLO POSITIVO
J25		ESTRAZIONE PLATINE ELASTICO	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ESTRAZIONE PLATINE ELASTICO	+24V – EV 10 POLO POSITIVO
J26		APRI AGO 2	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE APRI AGO 2	+24V – EV 11 POLO POSITIVO
J35		ESTRAZIONE PLATINE CADUTA 2	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ESTRAZIONE PLATINE CADUTA 2	+24V – EV 12 POLO POSITIVO
J23		LEVA SPUGNA CADUTA 2	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE LEVA SPUGNA CADUTA 2	+24V – EV 13 POLO POSITIVO
J22		LEVA MEZZA SPUGNA CADUTA 2	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE LEVA MEZZA SPUGNA CADUTA 2	+24V – EV 14 POLO POSITIVO
J21		STOP LINGUETTE 1	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE STOP LINGUETTE 1	+24V – EV 15 POLO POSITIVO
J20		PUNTO TRATTENUTO CADUTA 2 POSIZIONE “A”	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PUNTO TRATTENUTO CADUTA 2 POSIZIONE “A”	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O005_00.DOC	Nome foglio: O005_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 7)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 7)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 7)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 7)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 7)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 7)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 7)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 7)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 7)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 7)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 5)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 5)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 5)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 5)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 5)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 5)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 5)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 5)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 5)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 5)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		TRIANGOLO MAGLIA CADUTA 1 POSIZIONE “A”	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE TRIANGOLO MAGLIA CADUTA 1 POS. “A”	+24V – EV 1 POLO POSITIVO
J9		PUNTO TRATTENUTO CADUTA 1 POSIZIONE “A”	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE PUNTO TRATTENUTO CADUTA 1 POSIZIONE “A”	+24V – EV 2 POLO POSITIVO
J8		PUNTO TRATTENUTO CADUTA 1 POSIZIONE “B”	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE PUNTO TRATTENUTO CADUTA 1 POSIZIONE “B”	+24V – EV 3 POLO POSITIVO
J7		ELIMINA PICKER ALZA AGO	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE ELIMINA PICKER ALZA AGO	+24V – EV 4 POLO POSITIVO
J6		TRIANGOLO MAGLIA RITORNO TALLONE POS. “A”	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE TRIANGOLO MAGLIA RITORNO TALLONE POS. “A”	+24V – EV 5 POLO POSITIVO
J5		ESTRAZIONE TRIANGOLO MAGLIA RITORNO TALL. POS. “B”	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE TRIANGOLO MAGLIA RITORNO TALLONE POS. “B”	+24V – EV 6 POLO POSITIVO
J4		ALZA AGHI LUNGHI ENTRATA TALLONE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ALZA AGHI LUNGHI ENTRATA TALLONE	+24V – EV 7 POLO POSITIVO
J3		ALZA AGHI LUNGHI E MEDI ENTRATA TALLONE	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ALZA AGHI LUNGHI E MEDI ENTR.TALLONE	+24V – EV 8 POLO POSITIVO
J24		TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “B”	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE TRIANGOLO MAGLIA CADUTA 2 POS. “B”	+24V – EV 9 POLO POSITIVO
J25		TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “A”	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE TRIANGOLO MAGLIA CADUTA 2 POS. “A”	+24V – EV 10 POLO POSITIVO
J26		ABBASSA AGHI COLORE 6	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ABBASSA AGHI COLORE 6	+24V – EV 11 POLO POSITIVO
J35		ABBASSA AGHI ELASTICO POSIZIONE “B”	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ABBASSA AGHI ELASTICO POSIZIONE “B”	+24V – EV 12 POLO POSITIVO
J23		ABBASSA AGHI ELASTICO POSIZIONE “A”	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ABBASSA AGHI ELASTICO POSIZIONE “A”	+24V – EV 13 POLO POSITIVO
J22		ABBASSA AGHI USCITA TALLONE	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE ABBASSA AGHI USCITA TALLONE	+24V – EV 14 POLO POSITIVO
J21		ALZA SELETTORINI COLORE 6	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ALZA SELETTORINI COLORE 6	+24V – EV 15 POLO POSITIVO
J20		PUNTO TRATTENUTO CADUTA 2 POSIZIONE “B”	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PUNTO TRATTENUTO CADUTA 2 POSIZIONE “B”	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O006_00.DOC	Nome foglio: O006_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 5

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 6)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 6)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 6)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 6)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 6)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 6)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 6)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 6)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 6)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 6)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 4)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 4)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 4)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 4)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 4)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 4)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 4)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 4)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 4)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 4)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		TRIANGOLO MAGLIA CADUTA 1 POSIZIONE “B”	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE TRIANGOLO MAGLIA CADUTA 1 POS. “B”	+24V – EV 1 POLO POSITIVO
J9		SBILANCIAMENTO TRIANGOLO CADUTA 1	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 1	+24V – EV 2 POLO POSITIVO
J8		SBILANCIAMENTO TRIANG. CADUTA 1 POS. 2 (OPTIONAL)	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 1 POS. 2	+24V – EV 3 POLO POSITIVO
J7		ESPULSIONE CALZA	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE ESPULSIONE CALZA	+24V – EV 4 POLO POSITIVO
J6		OLIATORE	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE OLIATORE	+24V – EV 5 POLO POSITIVO
J5		MANOVELLA	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE MANOVELLA	+24V – EV 6 POLO POSITIVO
J4		ELIMINA SELETTORI ELASTICO	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ELIMINA SELETTORI ELASTICO	+24V – EV 7 POLO POSITIVO
J3		ABBASSA AGHI COLORE 5	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ABBASSA AGHI COLORE 5	+24V – EV 8 POLO POSITIVO
J24		APRI PALETTE SCARICO BORDO POSIZIONE “A”	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE APRI PALETTE SCARICO BORDO POS. “A”	+24V – EV 9 POLO POSITIVO
J25		APRI PALETTE SCARICO BORDO POSIZIONE “B”	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE APRI PALETTE SCARICO BORDO POS. “B”	+24V – EV 10 POLO POSITIVO
J26		ABBASSA AGHI SCARICO BORDO POS. “A”	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ABBASSA AGHI SCARICO BORDO POS. “A”	+24V – EV 11 POLO POSITIVO
J35		ABBASSA AGHI SCARICO BORDO POS. “B”	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ABBASSA AGHI SCARICO BORDO POS. “B”	+24V – EV 12 POLO POSITIVO
J23		ELIMINA SELETTORI 2	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ELIMINA SELETTORI 2	+24V – EV 13 POLO POSITIVO
J22		ELIMINA SELETTORI 1	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE ELIMINA SELETTORI 1	+24V – EV 14 POLO POSITIVO
J21		SOFFIO SCARICO MAGLIA	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE SOFFIO SCARICO MAGLIA	+24V – EV 15 POLO POSITIVO
J20		SBILANCIAMENTO TRIANG. CADUTA 2 POS. 2 (OPTIONAL)	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 2 POS. 2	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O007_00.DOC	Nome foglio: O007_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 4

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 5)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 5)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 5)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 5)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 5)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 5)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 5)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 5)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 5)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 5)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 3)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 3)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 3)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 3)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 3)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 3)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 3)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 3)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 3)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 3)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		TENSIONATORE LYCRA CADUTA 1 (OPTIONAL)	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE TENSIONATORE LYCRA CADUTA 1 (OPTIONAL)	+24V – EV 1 POLO POSITIVO
J9		TENSIONATORE LYCRA CADUTA 2 (OPTIONAL)	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE TENSIONATORE LYCRA CADUTA 2 (OPTIONAL)	+24V – EV 2 POLO POSITIVO
J8		ABBASSA AGHI RINFORZO SOLETTA	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE ABBASSA AGHI RINFORZO SOLETTA	+24V – EV 3 POLO POSITIVO
J7		DEVIATORE CONTROLLO CALZA (OPTIONAL)	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE DEVIATORE CONTROLLO CALZA (OPTIONAL)	+24V – EV 4 POLO POSITIVO
J6		SBILANCIAMENTO TRIANGOLO RITORNO TALLONE	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE SBILANCIAMENTO TRIANG. RITORNO TALLONE	+24V – EV 5 POLO POSITIVO
J5		PINZA LYCRA CADUTA 2 (OTIONAL)	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE PINZA LYCRA CADUTA 2 (OTIONAL)	+24V – EV 6 POLO POSITIVO
J4		SPOSTAMENTO GUIDAFILO MOBILE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE SPOSTAMENTO GUIDAFILO MOBILE	+24V – EV 7 POLO POSITIVO
J3		PINZA FERMA ELASTICO	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE PINZA FERMA ELASTICO	+24V – EV 8 POLO POSITIVO
J24		SBILANCIAMENTO TRIANGOLO CADUTA 2	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 2	+24V – EV 9 POLO POSITIVO
J25		PISTONE TUBO INTERNO POSIZIONE 1	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE PISTONE TUBO INTERNO POSIZIONE 1	+24V – EV 10 POLO POSITIVO
J26		PISTONE TUBO INTERNO POSIZIONE 2	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE PISTONE TUBO INTERNO POSIZIONE 2	+24V – EV 11 POLO POSITIVO
J35		PISTONE TUBO INTERNO POSIZIONE 3	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PISTONE TUBO INTERNO POSIZIONE 3	+24V – EV 12 POLO POSITIVO
J23		PISTONE TUBO INTERNO POSIZIONE 4	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE PISTONE TUBO INTERNO POSIZIONE 4	+24V – EV 13 POLO POSITIVO
J22		SOFFIO PULIZIA CARTER SUPERIORE	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE SOFFIO PULIZIA CARTER SUPERIORE	+24V – EV 14 POLO POSITIVO
J21		CAM CENTRALE	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE CAM CENTRALE	+24V – EV 15 POLO POSITIVO
J20		ALZA AGHI CHIUSURA CORDONCINO	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ALZA AGHI CHIUSURA CORDONCINO	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O00800.DOC	Nome foglio: O0080	Data: 22-01-2002

CIRCUIT 1882 – BAR 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 4)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 4)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 4)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 4)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 4)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 4)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 4)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 4)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 4)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 4)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 2)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 2)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 2)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 2)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 2)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 2)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 2)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 2)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 2)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 2)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		ALZA AGHI CHIUSURA BORDO POSIZIONE “A”	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE ALZA AGHI CHIUSURA BORDO POSIZIONE “A”	+24V – EV 1 POLO POSITIVO
J9		ALZA AGHI CHIUSURA BORDO POSIZIONE “B”	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE ALZA AGHI CHIUSURA BORDO POSIZIONE “B”	+24V – EV 2 POLO POSITIVO
J8		SBILANCIAMENTO CAM SCARICO MAGLIA	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE SBILANCIAMENTO CAM SCARICO MAGLIA	+24V – EV 3 POLO POSITIVO
J7		ALZA MAGLIA PUNTA CHIUSA	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE ALZA MAGLIA PUNTA CHIUSA	+24V – EV 4 POLO POSITIVO
J6		ELIMINA PICKER ALZA AGO CADUTA 1	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE ELIMINA PICKER ALZA AGO CADUTA 1	+24V – EV 5 POLO POSITIVO
J5		DISATTIVA PISTONE SCATOLINE CADUTA 1	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE DISATTIVA PISTONE SCATOLINE CADUTA 1	+24V – EV 6 POLO POSITIVO
J4		PISTONE FRENO GRUPPO VERTICALE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE PISTONE FRENO GRUPPO VERTICALE	+24V – EV 7 POLO POSITIVO
J3		REGOLAZIONE 2 GUIDAFILO 4 CADUTA 1	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE REGOLAZIONE 2 GUIDAFILO 4 CADUTA 1	+24V – EV 8 POLO POSITIVO
J24		SOFFIO PULIZIA PLATINE	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE SOFFIO PULIZIA PLATINE	+24V – EV 9 POLO POSITIVO
J25			0V – OUT 10 – EV 10 POLO NEGATIVO
J33			+24V – EV 10 POLO POSITIVO
J26		SOFFIO SCARICO PUNTA	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE SOFFIO SCARICO PUNTA	+24V – EV 11 POLO POSITIVO
J35		REGOLAZIONE GUIDAFILO ELASTICO POS. 2	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE REGOLAZIONE GUIDAFILO ELASTICO POS. 2	+24V – EV 12 POLO POSITIVO
J23			0V – OUT 13 – EV 13 POLO NEGATIVO
J30			+24V – EV 13 POLO POSITIVO
J22			0V – OUT 14 – EV 14 POLO NEGATIVO
J29			+24V – EV 14 POLO POSITIVO
J21			0V – OUT 15 – EV 15 POLO NEGATIVO
J28			+24V – EV 15 POLO POSITIVO
J20			0V – OUT 16 – EV 16 POLO NEGATIVO
J27			+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O009_00.DOC	Nome foglio: O009_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 3)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 3)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 3)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 3)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 3)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 3)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 3)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 3)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 3)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 3)	0V
J19	4			MR	1		PCB 2703 J2 PIN 4	+24V
J19	5			BL	1		PCB 2703 J2 PIN 6	0V
J36	1							/CEOUT
J36	2							+24V
J36	3							CKOUT
J36	4							0V
J36	5			BL	0,35		PCB 1882 J36 PIN 7 (BARRA 2)	SIOUT
J36	6							0V
J36	7			BL	0,35		PCB 1882 J36 PIN 5 (BARRA 2)	SOUT
J36	8							/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		USCITA INTERNA LONATI (OPTIONAL)	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE USCITA INTERNA LONATI (OPTIONAL)	+24V – EV 1 POLO POSITIVO
J9			0V – OUT 2 – EV 2 POLO NEGATIVO
J12			+24V – EV 2 POLO POSITIVO
J8			0V – OUT 3 – EV 3 POLO NEGATIVO
J13			+24V – EV 3 POLO POSITIVO
J7			0V – OUT 4 – EV 4 POLO NEGATIVO
J14			+24V – EV 4 POLO POSITIVO
J6			0V – OUT 5 – EV 5 POLO NEGATIVO
J15			+24V – EV 5 POLO POSITIVO
J5			0V – OUT 6 – EV 6 POLO NEGATIVO
J16			+24V – EV 6 POLO POSITIVO
J4			0V – OUT 7 – EV 7 POLO NEGATIVO
J17			+24V – EV 7 POLO POSITIVO
J3			0V – OUT 8 – EV 8 POLO NEGATIVO
J18			+24V – EV 8 POLO POSITIVO
J24			0V – OUT 9 – EV 9 POLO NEGATIVO
J34			+24V – EV 9 POLO POSITIVO
J25			0V – OUT 10 – EV 10 POLO NEGATIVO
J33			+24V – EV 10 POLO POSITIVO
J26			0V – OUT 11 – EV 11 POLO NEGATIVO
J32			+24V – EV 11 POLO POSITIVO
J35			0V – OUT 12 – EV 12 POLO NEGATIVO
J31			+24V – EV 12 POLO POSITIVO
J23			0V – OUT 13 – EV 13 POLO NEGATIVO
J30			+24V – EV 13 POLO POSITIVO
J22			0V – OUT 14 – EV 14 POLO NEGATIVO
J29			+24V – EV 14 POLO POSITIVO
J21			0V – OUT 15 – EV 15 POLO NEGATIVO
J28			+24V – EV 15 POLO POSITIVO
J20			0V – OUT 16 – EV 16 POLO NEGATIVO
J27			+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O010_00.DOC	Nome foglio: O010_00	Data: 22-01-2002

CONNECTIONS OF PCB 1881 FL 626^{CT} (MODULE A-B-C-D)

CIRCUIT 1881 – MODULE A

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	O.2		CONNETTORE “2” PIN 1	OUT 8 – GUIDAFILO 2 CADUTA 2
J1	2			MR	O.2		CONNETTORE “2” PIN 5	+24V – COMUNE GUDAFILI CAD. 2
J1	3			GI	O.2		CONNETTORE “2” PIN 2	OUT 7 – GUIDAFILO 1 CADUTA 2
J1	4			AR	O.2		CONNETTORE “2” PIN 7	+24V – COMUNE GUDAFILI CAD. 2
J1	5			GR	O.2		CONNETTORE “2” PIN 3	OUT 6 – GUIDAFILO 3 CADUTA 2
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “2” PIN 4	OUT 5 – REG. GUIDAF. 1 CAD. 2
J1	8							+24V
J1	9			BL	O.2		CONNETTORE “2” PIN 6	OUT 4 – REG. GUIDAF. 2 CAD. 2
J1	10							+24V
J1	11			RO	O.2		CONNETTORE “2” PIN 8	OUT 3 – REG. GUIDAF. 3 CAD. 2
J1	12							+24V
J1	13			NR	O.2		CONNETTORE “2” PIN 10	OUT 2 – REG. GUIDAF. 4 CAD. 2
J1	14							+24V
J1	15			RS	O.2		CONNETTORE “2” PIN 12	OUT 1 – REG. GUIDAF. 5 CAD. 2
J1	16							+24V
J2	1			BI/MR	0.2		CONNETTORE “2” PIN 13	OUT 16 – GUIDAFILO 4 CADUTA 2
J2	2			BI/RO	0.2		CONNETTORE “2” PIN 9	+24V – COMUNE GUDAFILI CAD. 2
J2	3			BI/NR	0.2		CONNETTORE “2” PIN 14	OUT 15 – REG. GUIDAF. 6 CAD. 2
J2	4			BI/BL	0.2		CONNETTORE “2” PIN 11	+24V
J2	5			TU	0.2		CONNETTORE “2” PIN 15	OUT 14 – GUIDAFILO 5 CADUTA 2
J2	6							+24V
J2	7			NO	0.2		CONNETTORE “2” PIN 16	OUT 13 – GUIDAFILO 6 CADUTA 2
J2	8							+24V
J2	9			GR	0.2		CONNETTORE “C6” PIN 2	OUT 12 – GUIDAFILO 1 COLORE 6
J2	10							+24V
J2	11			BI	0.2		CONNETTORE “C6” PIN 3	OUT 11 – GUIDAFILO ELASTICO
J2	12							+24V
J2	13			VE	0.2		CONNETTORE “C6” PIN 4	OUT 10 – REG. GUIDAF. ELASTICO
J2	14							+24V
J2	15			BL	0.2		CONNETTORE “C6” PIN 5	OUT 9 – GUIDAFILO 2 COLORE 6
J2	16						CONNETTORE “C6” PIN 6	+24V – COMUNE GUIDAFILI COL. 6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J17 PIN 1		*CESPI OUT
J3	2					PCB 2703 J17 PIN 2		0V
J3	3					PCB 2703 J17 PIN 3		CLKSPI
J3	4					PCB 2703 J17 PIN 4		0V
J3	5					PCB 2703 J17 PIN 5		SPIOUT 1
J3	6					PCB 2703 J17 PIN 6		0V
J3	7					PCB 2703 J17 PIN 7		SPIOUT
J3	8					PCB 2703 J17 PIN 8		0V
J3	9					PCB 2703 J17 PIN 9		*RESETSPI
J3	10					PCB 2703 J17 PIN 10		0V
J3	11					PCB 2703 J17 PIN 11		+24V
J3	12					PCB 2703 J17 PIN 12		+24V
J3	13					PCB 2703 J17 PIN 13		+24V
J3	14					PCB 2703 J17 PIN 14		+24V
J3	15					PCB 2703 J17 PIN 15		+24V
J3	16					PCB 2703 J17 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O011_00.DOC	Nome foglio: O011_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE B

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			VE	0.2		CONNETTORE "DX" PIN 1	OUT 8 – GUIDAFILO 2 COLORE 3
J1	2			MR	0.2		CONNETTORE "DX" PIN 7	+24V – COMUNE EV. DESTRA
J1	3			GI	0.2		CONNETTORE "DX" PIN 2	OUT 7 – GUIDAFILO 1 COLORE 3
J1	4			BL	0.2		CONNETTORE "DX" PIN 8	+24V – COMUNE EV. DESTRA
J1	5			VI	0.2		CONNETTORE "DX" PIN 3	OUT 6 – GUIDAFILO 2 COLORE 2
J1	6							+24V
J1	7			GR	0.2		CONNETTORE "DX" PIN 4	OUT 5 – GUIDAFILO 1 COLORE 2
J1	8							+24V
J1	9			BI	0.2		CONNETTORE "DX" PIN 5	OUT 4 – GUIDAFILO 2 COLORE 1
J1	10							+24V
J1	11			NR	0.2		CONNETTORE "DX" PIN 6	OUT 3 – GUIDAFILO 1 COLORE 1
J1	12							+24V
J1	13							OUT 2
J1	14							+24V
J1	15							OUT 1
J1	16							+24V
J2	1			VE	0.2		CONNETTORE "SX" PIN 1	OUT 16 – NON USATO
J2	2			MR	0.2		CONNETTORE "SX" PIN 7	+24V – COMUNE EV. SINISTRA
J2	3			GI	0.2		CONNETTORE "SX" PIN 2	OUT 15 – STOP LINGUETTE 2
J2	4			BL	0.2		CONNETTORE "SX" PIN 8	+24V – COMUNE EV. SINISTRA
J2	5			VI	0.2		CONNETTORE "SX" PIN 3	OUT 14 – GUIDAFILO 1 COLORE 4
J2	6							+24V
J2	7			GR	0.2		CONNETTORE "SX" PIN 4	OUT 13 – GUIDAFILO 2 COLORE 4
J2	8							+24V
J2	9			BI	0.2		CONNETTORE "SX" PIN 5	OUT 12 – GUIDAFILO 1 COLORE 5
J2	10							+24V
J2	11			NR	0.2		CONNETTORE "SX" PIN 6	OUT 11 – GUIDAFILO 2 COLORE 5
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J16 PIN 1		*CESPI OUT
J3	2					PCB 2703 J16 PIN 2		0V
J3	3					PCB 2703 J16 PIN 3		CLKSPI
J3	4					PCB 2703 J16 PIN 4		0V
J3	5					PCB 2703 J16 PIN 5		SPIOUT 1
J3	6					PCB 2703 J16 PIN 6		0V
J3	7					PCB 2703 J16 PIN 7		SPIOUT
J3	8					PCB 2703 J16 PIN 8		0V
J3	9					PCB 2703 J16 PIN 9		*RESETSPI
J3	10					PCB 2703 J16 PIN 10		0V
J3	11					PCB 2703 J16 PIN 11		+24V
J3	12					PCB 2703 J16 PIN 12		+24V
J3	13					PCB 2703 J16 PIN 13		+24V
J3	14					PCB 2703 J16 PIN 14		+24V
J3	15					PCB 2703 J16 PIN 15		+24V
J3	16					PCB 2703 J16 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL626^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O012_00.DOC	Nome foglio: O012_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE C

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0.2		CONNETTORE “1” PIN 8	OUT 8 – GUIDAFILO 5 CADUTA 1
J1	2			BI/MR	0.2		CONNETTORE “1” PIN 9	+24V – COMUNE CADUTA 1
J1	3			GI	0.2		CONNETTORE “1” PIN 10	OUT 7 – GUIDAFILO 6 CADUTA 1
J1	4							+24V
J1	5			VE	0.2		CONNETTORE “1” PIN 15	OUT 6 – REG. GUID. 5 CADUTA 1
J1	6							+24V
J1	7			BI/RO	0.2		CONNETTORE “1” PIN 12	OUT 5 – REG. GUID. 4 CADUTA 1
J1	8							+24V
J1	9			NO	0.2		CONNETTORE “1” PIN 13	OUT 4 – REG. GUID. 3 CADUTA 1
J1	10							+24V
J1	11			BI/BL	0.2		CONNETTORE “1” PIN 14	OUT 3 – GUIDAFILO 7 CADUTA 1
J1	12							+24V
J1	13			MR	0.2		CONNETTORE “1” PIN 16	OUT 2 – REG. GUID. 6/7 CADUTA 1
J1	14							+24V
J1	15			RO	0.2		CONNETTORE “1” PIN 2	OUT 1 – GUIDAFILO 1 CADUTA 1
J1	16							+24V
J2	1			GR	0.2		CONNETTORE “1” PIN 11	OUT 16 – REG. GUID. 1 CADUTA 1
J2	2							+24V
J2	3			BL	0.2		CONNETTORE “1” PIN 5	OUT 15 – GUIDAFILO 3 CADUTA 1
J2	4							+24V
J2	5			NR	0.2		CONNETTORE “1” PIN 1	OUT 14 – GUIDAFILO MOBILE
J2	6							+24V
J2	7			AR	0.2		CONNETTORE “1” PIN 4	OUT 13 – GUIDAFILO 2 CADUTA 1
J2	8							+24V
J2	9			RS	0.2		CONNETTORE “1” PIN 7	OUT 12 – REG. GUID. MOBILE
J2	10							+24V
J2	11			TU	0.2		CONNETTORE “1” PIN 3	OUT 11 – REG. GUID. 2 CADUTA 1
J2	12							+24V
J2	13			BI/NR	0.2		CONNETTORE “1” PIN 6	OUT 10 – GUIDAFILO 4 CADUTA 1
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J15 PIN 1		*CESPI OUT
J3	2					PCB 2703 J15 PIN 2		0V
J3	3					PCB 2703 J15 PIN 3		CLKSPI
J3	4					PCB 2703 J15 PIN 4		0V
J3	5					PCB 2703 J15 PIN 5		SPIOUT 1
J3	6					PCB 2703 J15 PIN 6		0V
J3	7					PCB 2703 J15 PIN 7		SPIOUT
J3	8					PCB 2703 J15 PIN 8		0V
J3	9					PCB 2703 J15 PIN 9		*RESETSPI
J3	10					PCB 2703 J15 PIN 10		0V
J3	11					PCB 2703 J15 PIN 11		+24V
J3	12					PCB 2703 J15 PIN 12		+24V
J3	13					PCB 2703 J15 PIN 13		+24V
J3	14					PCB 2703 J15 PIN 14		+24V
J3	15					PCB 2703 J15 PIN 15		+24V
J3	16					PCB 2703 J15 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881	Cliente: LONATI	Note: Per macchina FL626^{CT}	
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O013_00.DOC	Nome foglio: O013_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE D

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							OUT 8 – USCITA UTENTE 1
J1	2							+24V
J1	3							OUT 7 – USCITA UTENTE 2
J1	4							+24V
J1	5							OUT 6 – USCITA UTENTE 3
J1	6							+24V
J1	7							OUT 5 – USCITA UTENTE 4
J1	8							+24V
J1	9							OUT 4
J1	10							+24V
J1	11							OUT
J1	12							+24V
J1	13							OUT 2
J1	14							+24V
J1	15							OUT 1
J1	16							+24V
J2	1							OUT 16
J2	2							+24V
J2	3							OUT 15
J2	4							+24V
J2	5							OUT 14
J2	6							+24V
J2	7							OUT 13
J2	8							+24V
J2	9							OUT 12
J2	10							+24V
J2	11							OUT 11
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J14 PIN 1		*CESPI OUT
J3	2					PCB 2703 J14 PIN 2		0V
J3	3					PCB 2703 J14 PIN 3		CLKSPI
J3	4					PCB 2703 J14 PIN 4		0V
J3	5					PCB 2703 J14 PIN 5		SPIOUT 1
J3	6					PCB 2703 J14 PIN 6		0V
J3	7					PCB 2703 J14 PIN 7		SPIOUT
J3	8					PCB 2703 J14 PIN 8		0V
J3	9					PCB 2703 J14 PIN 9		*RESETSPI
J3	10					PCB 2703 J14 PIN 10		0V
J3	11					PCB 2703 J14 PIN 11		+24V
J3	12					PCB 2703 J14 PIN 12		+24V
J3	13					PCB 2703 J14 PIN 13		+24V
J3	14					PCB 2703 J14 PIN 14		+24V
J3	15					PCB 2703 J14 PIN 15		+24V
J3	16					PCB 2703 J14 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL626CT
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: O014_00.DOC	Nome foglio: O014_00	Data: 22-01-2002

CONNECTIONS OF CIRCUIT “2703” FL 54J^{OT}

CIRCUIT “2703” MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							+24V
J1	2							+24V
J1	3							+24V
J1	4							+24V
J1	5							0V
J1	6							0V
J1	7							0V
J1	8							0V
J2	1		J21	MR	1		PCB 1882 J2 PIN 1 BARRA 8	+24V
J2	2							+24V
J2	3							+24V
J2	4		J24	MR	1		PCB 1882 J19 PIN 1 BARRA 1	CHECK 1
J2	5							CHECK 2
J2	6		J26	BL	1		PCB 1882 J19 PIN 2 BARRA 1	0V
J2	7							0V
J2	8		J28	BL	1		PCB 1882 J2 PIN 2 BARRA 8	0V
J3	1							0V
J3	2							+24V
J3	3							0V
J3	4							+24V
J3	5							0V
J3	6							+24V
J3	7							0V
J3	8							+24V
J4	1							0V
J4	2							+24V
J4	3							0V
J4	4							+24V
J4	5							0V
J4	6							+24V
J4	7							0V
J4	8							+24V
J5	1							0V
J5	2							+24V
J5	3							0V
J5	4							+24V
J5	5							0V
J5	6							+24V
J5	7							0V
J5	8							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	1			BL	0.2		FASTON STOP 1U	INPUT 81 – SCATOLINE
J6	2			NR	0.2		FASTON STOP 2U	INPUT 96 – LINGUETTE 3
J6	3			MR	0.2		FASTON STOP 3U	INPUT 82 – LINGUETTE 2
J6	4			VI	0.2		FASTON STOP 4U	INPUT 95 – LINGUETTE 1
J6	5			VE	0.2		FASTON STOP 5U	INPUT 83 – AGHI POSTERIORE
J6	6		J66	BL	0.2		FASTON STOP SEL. E.	INPUT 94 – NON USATO
J6	7		J67	BL	0.2		CAPICORDA EL1	INPUT 84 – ELASTICO 1
J6	8		J68	BL	0.2		CAPICORDA EL2	INPUT 93 – ELASTICO 2
J6	9		J69	BL	0.2		FASTON COLT 1	INPUT 85 – PULIZIA COLTELLINO 1
J6	10		J610	BL	0.2		FASTON COLT 2	INPUT 92 – PULIZIA COLTELLINO 2
J6	11		J611	BL	0.2		CONN. PX ANT PIN 3	INPUT 86 – PROXIMITY PICKER ANTER.
J6	12		J612	BL	0.2		CONN. PX POS PIN 3	INPUT 91 – PROXIMITY PICKER POSTER.
J6	13		J613	BL	0.2		FASTON S. ARIA	INPUT 87 – MANCANZA ARIA
J6	14		J614	BL	0.2		FASTON CAMPANA	INPUT 90 – SENSORE CAMPANA APERTA
J6	15		J615	BL	0.2		FASTON R. TAL	INPUT 88 – RECUPERA FILO TALLONE
J6	16		J616	BL	0.2		FASTON STOP VERTICALE	INPUT 89 – NON USATO
J7	1			GR	0.2		CAPICORDA STOP 1M	INPUT 65 – PUNTO TRATTENUTO CAD. 2
J7	2			VI	0.2		CAPICORDA STOP 2M	INPUT 80 – PUNTO SCARICATO CAD. 2
J7	3			BI	0.2		CAPICORDA STOP 3M	INPUT 66 – TRIANG. MAGLIA CAD. 2 POS. “B”
J7	4			MR	0.2		CAPICORDA STOP 4M	INPUT 79 – TRIANG. MAGLIA CAD. 2 POS. “A”
J7	5			NR	0.2		CAPICORDA STOP 5M	INPUT 67 – ABBASSA AGHI COLORE 3
J7	6			VE	0.2		CAPICORDA STOP 6M	INPUT 78 – PUNTO TRATTENUTO CAD. 3
J7	7			GI	0.2		CAPICORDA STOP 7M	INPUT 68 – ALZA SELETTORINI COLORE 1
J7	8			BL	0.2		CAPICORDA STOP 8M	INPUT 77 – TRIANG. MAGLIA CAD. 3 POS. “B”
J7	9			GR	0.2		CAPICORDA STOP 9M	INPUT 69 – TRIANG. MAGLIA CAD. 3 POS. “A”
J7	10			VI	0.2		CAPICORDA STOP 10M	INPUT 76 – ABBASSA AGHI COLORE 1
J7	11			BI	0.2		CAPICORDA STOP 11M	INPUT 70 – PUNTO TRATTENUTO CAD. 4
J7	12			MR	0.2		CAPICORDA STOP 12M	INPUT 75 – ALZA SELETTORINI COLORE 2
J7	13			NR	0.2		CAPICORDA STOP 13M	INPUT 71 – TRIANG. MAGLIA CAD. 4 POS. “B”
J7	14			VE	0.2		CAPICORDA STOP 14M	INPUT 74 – TRIANG. MAGLIA CAD. 4 POS. “A”
J7	15			GI	0.2		CAPICORDA STOP 15M	INPUT 72 – ABBASSA AGHI COLORE 2
J7	16			BL	0.2		CAPICORDA STOP 16M	INPUT 73 – PUNTO TRATTENUTO CAD. 1

J3 = SEK18 40 POLI J5 = MODU2 2 POLI J7 = MODU2 8X2 POLI
J4 = MODU2 9X2 POLI J6 = MODU2 4 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703		Cliente: LONATI	Note: Per macchina FL54J^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P001_00.DOC	Nome foglio: P001_00	Data: 22-01-2002

CIRCUIT "2703" MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J8	1			VI	0.2		CAPICORDA STOP 17M	INPUT 49 – ALZA AGHI CHIUSURA BORDO
J8	2			AR	0.2		CAPICORDA STOP 18M	INPUT 64 – ALZA AGHI ENTRATA TALLONE
J8	3			BI	0.2		CAPICORDA STOP 19M	INPUT 50 – ABBASSA AGHI SCARICO MAGLIA
J8	4			GI	0.2		CAPICORDA STOP 20M	INPUT 63 – TRIANG. MAGLIA RIT. TALLONE "B"
J8	5			NR	0.2		CAPICORDA STOP 21M	INPUT 51 – TRIANG. MAGLIA RIT. TALLONE "A"
J8	6			BL	0.2		CAPICORDA STOP 22M	INPUT 62 – RINFORZO SOLETTA CAD. 1
J8	7			RO	0.2		CAPICORDA STOP 23M	INPUT 52 – TRIANG. MAGLIA CAD. 1 POS. "A"
J8	8			VE	0.2		CAPICORDA STOP 24M	INPUT 61 – TRIANG. MAGLIA CAD. 1 POS. "B"
J8	9			RS	0.2		CAPICORDA STOP 25M	INPUT 53 – NON USATO
J8	10			MR	0.2		CAPICORDA STOP 26M	INPUT 60 – NON USATO
J8	11			GR	0.2		CONN. STOP 27M PIN 2	INPUT 54 – ABBASSA AGHI USCITA TALLONE
J8	12			BL	0.2		CAPICORDA STOP 1L	INPUT 59 – ESTRAZIONE SELETTORI TAMB. 2
J8	13			RO	0.2		CAPICORDA STOP 2L	INPUT 55 – ESTRAZIONE SELETTORI TAMB. 3
J8	14			NR	0.2		CAPICORDA STOP 3L	INPUT 58 – ESTRAZIONE SELETTORI TAMB. 4
J8	15			VE	0.2		CAPICORDA STOP 4L	INPUT 56 – ESTRAZIONE SELETTORI TAMB. 1
J8	16			GI	0.2		CAPICORDA STOP 5L	INPUT 57 – NON USATO
J9	1		J91	NR	0.2		CONN. SEG PIN 4	INPUT 33 – CONTROLLO FASE SEGH.
J9	2		J92	NR	0.2		FASTON AGHI/TALL	INPUT 48 – CONTROLLO AGHI IN TALL.
J9	3							INPUT 34
J9	4							INPUT 47
J9	5		J95	NR	0.2		CONN. FASE RIF.	INPUT 35 – NON USATO
J9	6		J96	NR	0.2		CAPICORDA RIF. POS. 0	INPUT 46 – NON USATO
J9	7		J97	NR	0.2		FASTON STOP EL. CAD. 1 INF.	INPUT 36 – NON USATO
J9	8		J98	NR	0.2		FASTON STOP EL. CAD. 1 SUP	INPUT 45 – NON USATO
J9	9		J99	NR	0.2		CAPICORDA STOP ROTTURA EL.	INPUT 37 – NON USATO
J9	10		J910	NR	0.2		CONN. PMC1 INF. PIN 4	INPUT 44 – NON USATO
J9	11		J911	NR	0.2		CAPICORDA STOP PIST. VERT.	INPUT 38 – CONTROLLO BLOCCO BORDO
J9	12		J912	NR	0.2		CONN. PLAT. INF. PIN 4	INPUT 43 – NON USATO
J9	13		J913	NR	0.2		CONN. PMC1 SUP. PIN 4	INPUT 39 – NON USATO
J9	14		J914	NR	0.2		CONN. PLAT. SUP. PIN 4	INPUT 42 – NON USATO
J9	15		J915	NR	0.2		CONN. CREMA BASSO PIN 4	INPUT 40 – NON USATO
J9	16		J916	NR	0.2		CONN. CREMA ALTO PIN 4	INPUT 41 – NON USATO

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							0V
J10	2			BL	0.2		CAPICORDA S .ARIA	0V – STOP MANCANZA ARIA
J10	3			BL	0.2		FASTON CAMPANA	0V – STOP CAMPANA APERTA
J10	4							0V
J10	5							0V
J10	6			BL	0.2		CAPICORDA R.TAL	0V – STOP RITORNO TALLONE
J10	7							0V
J10	8							0V
J10	9							0V
J10	10							0V
J10	11							0V
J10	12							0V
J10	13							0V
J10	14							0V
J10	15							0V
J10	16							0V
J11	1			BL	0.75	SK 2751 CONN. J1 PIN 1 - 2		+24V
J11	2			BL	0.75	SK 2751 CONN. J1 PIN 3		CHECK24V
J11	3							0V
J11	4			BL	0.75	SK 2751 CONN. J1 PIN 5 - 6		0V
J12	1	CBL406				SK 1888 CONN. J6 PIN 1		CLK + RS 422
J12	2	CBL406				SK 1888 CONN. J6 PIN 2		CLK – RS 422
J12	3	CBL406				SK 1888 CONN. J6 PIN 3		SO + RS 422
J12	4	CBL406				SK 1888 CONN. J6 PIN 4		SO – RS 422
J12	5	CBL406				SK 1888 CONN. J6 PIN 5		SI + RS 422
J12	6	CBL406				SK 1888 CONN. J6 PIN 6		SI – RS 422
J12	7	CBL406				SK 1888 CONN. J6 PIN 7		CE1 + RS 422
J12	8	CBL406				SK 1888 CONN. J6 PIN 8		CE1 – RS 422
J12	9	CBL406				SK 1888 CONN. J6 PIN 9		CE2 + RS 422
J12	10	CBL406				SK 1888 CONN. J6 PIN 10		CE2 – RS 422
J12	11	CBL406				SK 1888 CONN. J6 PIN 11		RES + RS 422
J12	12	CBL406				SK 1888 CONN. J6 PIN 12		RES – RS 422
J12	13	CBL406						0V
J12	14	CBL406						0V
J12	15	CBL406						0V

J8 = MODU2 8X2 POLI J10 = MODU2 8X2 POLI J12 = VASCHETTA 15 POLI
J9 = MODU2 8X2 POLI J11 = BLA 4 POLI

App: SOA-CE-WAC/MATRIX-V.1	**Descrizione: CABLAGGI SCHEDA 2703**	**Cliente: LONATI**	**Note: Per macchina FL54J^{OT}**

	Redatto: MANGILI FABIO	**Cod. disegno: 027**	**Nome file: P002_01.DOC**	**Nome foglio: P002_01**	**Data: 22-01-2002**

CIRCUIT "2703" MODULE 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J13	1			BI	0.2		PCB 1882 J1 PIN 1 BARRA 8	/CEOUT
J13	2			BL	0.2		PCB 1882 J1 PIN 2 BARRA 8	+24V
J13	3			GI	0.2		PCB 1882 J1 PIN 3 BARRA 8	CKOUT
J13	4			MR	0.2		PCB 1882 J1 PIN 4 BARRA 8	0V
J13	5			GR	0.2		PCB 1882 J1 PIN 5 BARRA 8	SIOUT
J13	6			VI	0.2		PCB 1882 J1 PIN 6 BARRA 8	0V
J13	7			VE	0.2		PCB 1882 J1 PIN 7 BARRA 8	SOUT
J13	8			NR	0.2		PCB 1882 J1 PIN 8 BARRA 8	/RESOUT
J19	1		J191	BL	0.2		CONN. PMC1 INF. PIN 2	0V – NON USATO
J19	2		J192	MR	0.2		CONN. PMC1 INF. PIN 3	+24V – NON USATO
J19	3		J193	BL	0.2		CONN. PMC1 SUP. PIN 2	0V – NON USATO
J19	4		J194	MR	0.2		CONN. PMC1 SUP. PIN 3	+24V – NON USATO
J19	5		J195	BL	0.2		CONN. FASE RIF. PIN 2	0V – NON USATO
J19	6		J196	MR	0.2		CONN. FASE RIF. PIN 3	+24V – NON USATO
J19	7		J197	BL	0.2		CONN. SEG. PIN 2	0V – PROX. FASE SEGHETTA
J19	8		J198	MR	0.2		CONN. SEG. PIN 3	+24V – PROX. FASE SEGHETTA
J20	1		J201	BL	0.2		CONN. PLAT. INF. PIN 2	0V – NON USATO
J20	2		J202	MR	0.2		CONN. PLAT. INF. PIN 3	+24V – NON USATO
J20	3		J203	BL	0.2		CONN. PLAT. SUP. PIN 2	0V – NON USATO
J20	4		J204	MR	0.2		CONN. PLAT. SUP. PIN 3	+24V – NON USATO
J20	5		J205	BL	0.2		CONN. CREMA ALTO PIN 2	0V – NON USATO
J20	6		J206	MR	0.2		CONN. CREMA ALTO PIN 3	+24V – NON USATO
J20	7		J207	BL	0.2		CONN. CREMA BASSO PIN 2	0V – NON USATO
J20	8		J208	MR	0.2		CONN. CREMA BASSO PIN 3	+24V – NON USATO
J21	1							0V
J21	2							+24V
J21	3			BL	0.2		CONN. PX ANT. PIN 4	0V – PROXIMITY PICKER ANT,
J21	4			MR	0.2		CONN. PX ANT. PIN 1	+24V – PROXIMITY PICKER ANT,
J21	5			BL	0.2		CONN. PX POS. PIN 4	0V – PROXIMITY PICKER POS,
J21	6			MR	0.2		CONN. PX POS. PIN 1	+24V – PROXIMITY PICKER POS,
J21	7							0V
J21	8							+24V
J22	1							+24V
J22	2							+24V
J22	3							+24V
J22	4							+24V
J22	5							0V
J22	6							0V
J22	7							0V
J22	8							0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTTE	DESCRIZIONE
J23	1							+24V
J23	2							+24V
J23	3							+24V
J23	4							+24V
J23	5							0V
J23	6							0V
J23	7							0V
J23	8							0V

J13 = MODU2 4X2 POLI J20 = MODU2 4X2 POLI J22 = MODU1 8 POLI
J19 = MODU2 4X2 POLI J21 = MODU2 4X2 POLI J23 = MODU1 8 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina FL54J^{OT}
Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P003_01.DOC	Nome foglio: P003_01
			Data: 22-01-2002

CONNECTION OF CIRCUIT “1882” FL 54J^{OT}

CIRCUIT 1882 – BARRA 8

CONN	N	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 2703 J13 PIN 1	/CEOUT
J1	2			BL	0,35		PCB 2703 J13 PIN 2	+24V
J1	3			GI	0,35		PCB 2703 J13 PIN 3	CKOUT
J1	4			MR	0,35		PCB 2703 J13 PIN 4	0V
J1	5			GR	0,35		PCB 2703 J13 PIN 5	SIOUT
J1	6			VI	0,35		PCB 2703 J13 PIN 6	0V
J1	7			VE	0,35		PCB 2703 J13 PIN 7	SOUT
J1	8			NR	0,35		PCB 2703 J13 PIN 8	/RESOUT
J2	1			MR	1		PCB 2703 J2 PIN 1	+24V
J2	2			BL	1		PCB 2703 J2 PIN 8	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 7)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 7)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 7)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 7)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 7)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 7)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 7)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 7)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 7)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 7)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		SOFFIO PULIZIA CARTER SUPERIORE (OPTIONAL)	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE SOFFIO PULIZIA CARTER SUPERIORE (OPTIONAL)	+24V – EV 1 POLO POSITIVO
J9			0V – OUT 2 – EV 2 POLO NEGATIVO
J12			+24V – EV 2 POLO POSITIVO
J8		RECUPERA FILO TALLONE 1	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE RECUPERA FILO TALLONE 1	+24V – EV 3 POLO POSITIVO
J7		RECUPERA FILO TALLONE 2	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE RECUPERA FILO TALLONE 2	+24V – EV 4 POLO POSITIVO
J6		RECUPERA FILO TALLONE 3	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE RECUPERA FILO TALLONE 3	+24V – EV 5 POLO POSITIVO
J5		RECUPERA FILO TALLONE 4	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE RECUPERA FILO TALLONE 4	+24V – EV 6 POLO POSITIVO
J4		USCITA UNCINI 1	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE USCITA UNCINI 1	+24V – EV 7 POLO POSITIVO
J3		USCITA UNCINI 2	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE USCITA UNCINI 2	+24V – EV 8 POLO POSITIVO
J24		LEVA MEZZA SPUGNA CADUTA 2	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE LEVA MEZZA SPUGNA CADUTA 2	+24V – EV 9 POLO POSITIVO
J25		LEVA SPUGNA CADUTA 2	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE LEVA SPUGNA CADUTA 2	+24V – EV 10 POLO POSITIVO
J26		APRI AGO	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE APRI AGO	+24V – EV 11 POLO POSITIVO
J35		ENTRATA UNCINI DISEGNO BORDO 1	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ENTRATA UNCINI DISEGNO BORDO 1	+24V – EV 12 POLO POSITIVO
J23		ELIMINA COLTELLINO 1	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ELIMINA COLTELLINO 1	+24V – EV 13 POLO POSITIVO
J22		PINZA ELASTICO 1	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE PINZA ELASTICO 1	+24V – EV 14 POLO POSITIVO
J21		ENTRATA UNCINI DISEGNO BORDO 2	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ENTRATA UNCINI DISEGNO BORDO 2	+24V – EV 15 POLO POSITIVO
J20		PINZA FERMA ELASTICO	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PINZA FERMA ELASTICO	+24V – EV 16 POLO POSITIVO

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882	Cliente: LONATI	Note: Per macchina FL54J^{OT}	
Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P004_00.DOC	Nome foglio: P004_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 7

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 8)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 8)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 8)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 8)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 8)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 8)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 8)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 8)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 8)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 8)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 6)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 6)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 6)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 6)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 6)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 6)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 6)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 6)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 6)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 6)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		STOP AGHI POSTERIORE	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE STOP AGHI POSTERIORE	+24V – EV 1 POLO POSITIVO
J9		LEVA MEZZA SPUGNA CADUTA 1	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE LEVA MEZZA SPUGNA CADUTA 1	+24V – EV 2 POLO POSITIVO
J8		LEVA SPUGNA CADUTA 1	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE LEVA SPUGNA CADUTA 1	+24V – EV 3 POLO POSITIVO
J7		SOFFIO SCARICO BORDO	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE SOFFIO SCARICO BORDO	+24V – EV 4 POLO POSITIVO
J6		PINZA ELASTICO 2	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE PINZA ELASTICO 2	+24V – EV 5 POLO POSITIVO
J5		ELIMINA COLTELLINO 2	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE ELIMINA COLTELLINO 2	+24V – EV 6 POLO POSITIVO
J4		ENTRATA UNCINI 2	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ENTRATA UNCINI 2	+24V – EV 7 POLO POSITIVO
J3		ENTRATA UNCINI 1	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ENTRATA UNCINI 1	+24V – EV 8 POLO POSITIVO
J24		SOFFIO PULIZIA PLATINE	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE SOFFIO PULIZIA PLATINE	+24V – EV 9 POLO POSITIVO
J25		PICKER ABBASSA AGO POSTERIORE	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE PICKER ABBASSA AGO POSTERIORE	+24V – EV 10 POLO POSITIVO
J26		LEVA SPUGNA CADUTA 3	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE LEVA SPUGNA CADUTA 3	+24V – EV 11 POLO POSITIVO
J35		LEVA MEZZA SPUGNA CADUTA 3	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE LEVA MEZZA SPUGNA CADUTA 3	+24V – EV 12 POLO POSITIVO
J23		PISTONE COPERCHIO PLATINE	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE PISTONE COPERCHIO PLATINE	+24V – EV 13 POLO POSITIVO
J22		ABBASSA AGHI USCITA TALLONE	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE ABBASSA AGHI USCITA TALLONE	+24V – EV 14 POLO POSITIVO
J21		PUNTO TRATTENUTO CADUTA 2 POS. “A”	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE PUNTO TRATTENUTO CADUTA 2 POS. “A”	+24V – EV 15 POLO POSITIVO
J20		PUNTO TRATTENUTO CADUTA 2 POS. “B”	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PUNTO TRATTENUTO CADUTA 2 POS. “B”	+24V – EV 16 POLO POSITIVO

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P005_00.DOC	Nome foglio: P005_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 7)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 7)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 7)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 7)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 7)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 7)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 7)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 7)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 7)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 7)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 5)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 5)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 5)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 5)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 5)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 5)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 5)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 5)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 5)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 5)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		LEVA SPUGNA RITORNO TALLONE	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE LEVA SPUGNA RITORNO TALLONE	+24V – EV 1 POLO POSITIVO
J9		STOP LINGUETTE 1	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE STOP LINGUETTE 1	+24V – EV 2 POLO POSITIVO
J8		PICKER ABBASSA AGO ANTERIORE	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE PICKER ABBASSA AGO ANTERIORE	+24V – EV 3 POLO POSITIVO
J7		LEVA SPUGNA CADUTA 4	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE LEVA SPUGNA CADUTA 4	+24V – EV 4 POLO POSITIVO
J6		LEVA MEZZA SPUGNA CADUTA 4	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE LEVA MEZZA SPUGNA CADUTA 4	+24V – EV 5 POLO POSITIVO
J5		SBILANCIAMENTO TRIANGOLO CADUTA 1	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 1	+24V – EV 6 POLO POSITIVO
J4		ELIMINA PICKER ALZA AGO	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ELIMINA PICKER ALZA AGO	+24V – EV 7 POLO POSITIVO
J3		TRIANGOLO MAGLIA RITORNO TALLONE POS. “A”	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE TRIANGOLO MAGLIA RITORNO TALLONE POS. “A”	+24V – EV 8 POLO POSITIVO
J24		TRIANGOLO MAGLIA CADUTA 3 POSIZIONE “A”	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE TRIANGOLO MAGLIA CADUTA 3 POSIZIONE “A”	+24V – EV 9 POLO POSITIVO
J25		ALZA SELETTORINI COLORE 1 POS. A	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ALZA SELETTORINI COLORE 1 POS. A	+24V – EV 10 POLO POSITIVO
J26		PUNTO SCARICATO CADUTA 2 POS. “B”	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE PUNTO SCARICATO CADUTA 2 POS. “B”	+24V – EV 11 POLO POSITIVO
J35		PUNTO SCARICATO CADUTA 2 POS. “A”	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PUNTO SCARICATO CADUTA 2 POS. “A”	+24V – EV 12 POLO POSITIVO
J23		TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “B”	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “B”	+24V – EV 13 POLO POSITIVO
J22		TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “A”	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “A”	+24V – EV 14 POLO POSITIVO
J21		PUNTO TRATTENUTO CADUTA 4 POS. “B”	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE PUNTO TRATTENUTO CADUTA 4 POS. “B”	+24V – EV 15 POLO POSITIVO
J20		PUNTO TRATTENUTO CADUTA 4 POS. “A”	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PUNTO TRATTENUTO CADUTA 4 POS. “A”	+24V – EV 16 POLO POSITIVO

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{OT}
	Redatto: SCHINETTI LIVIO	Cod. disegno: 027	Nome file: P006_00.DOC	Nome foglio: P006_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 5

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 6)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 6)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 6)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 6)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 6)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 6)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 6)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 6)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 6)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 6)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 4)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 4)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 4)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 4)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 4)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 4)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 4)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 4)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 4)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 4)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		ALZA AGHI SCARICA MAGLIA	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE ALZA AGHI SCARICA MAGLIA	+24V – EV 1 POLO POSITIVO
J9		TRIANGOLO MAGLIA CADUTA 4 POS. “B”	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE TRIANGOLO MAGLIA CADUTA 4 POS. “B”	+24V – EV 2 POLO POSITIVO
J8		TRIANGOLO MAGLIA CADUTA 4 POS. “A”	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE TRIANGOLO MAGLIA CADUTA 4 POS. “A”	+24V – EV 3 POLO POSITIVO
J7		PUNTO TRATTENUTO CADUTA 1 POS. “B”	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE PUNTO TRATTENUTO CADUTA 1 POS. “B”	+24V – EV 4 POLO POSITIVO
J6		PUNTO TRATTENUTO CADUTA 1 POS. “A”	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE PUNTO TRATTENUTO CADUTA 1 POS. “A”	+24V – EV 5 POLO POSITIVO
J5		ABBASSA AGHI COLORE 2	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE ABBASSA AGHI COLORE 2	+24V – EV 6 POLO POSITIVO
J4		ALZA AGHI LUNGHI ENTRATA TALLONE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ALZA AGHI LUNGHI ENTRATA TALLONE	+24V – EV 7 POLO POSITIVO
J3		TRIANGOLO MAGLIA RITORNO TALLONE POS. “B”	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE TRIANGOLO MAGLIA RITORNO TALLONE POS. “B”	+24V – EV 8 POLO POSITIVO
J24		TRIANGOLO MAGLIA CADUTA 3 POS. “B”	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE TRIANGOLO MAGLIA CADUTA 3 POS. “B”	+24V – EV 9 POLO POSITIVO
J25		ABBASSA AGHI COLORE 1	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ABBASSA AGHI COLORE 1	+24V – EV 10 POLO POSITIVO
J26		PUNTO TRATTENUTO CADUTA 3 POS. “A”	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE PUNTO TRATTENUTO CADUTA 3 POS. “A”	+24V – EV 11 POLO POSITIVO
J35		PUNTO TRATTENUTO CADUTA 3 POS. “B”	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PUNTO TRATTENUTO CADUTA 3 POS. “B”	+24V – EV 12 POLO POSITIVO
J23		ALZA SELETTORINI COLORE 2 POS. A	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ALZA SELETTORINI COLORE 2 POS. A	+24V – EV 13 POLO POSITIVO
J22		STOP LINGUETTE 3	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE STOP LINGUETTE 3	+24V – EV 14 POLO POSITIVO
J21		ESTRAZIONE PLATINE CADUTA 2	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ESTRAZIONE PLATINE CADUTA 2	+24V – EV 15 POLO POSITIVO
J20		ESTRAZIONE PLATINE CADUTA 3	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ESTRAZIONE PLATINE CADUTA 3	+24V – EV 16 POLO POSITIVO

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{OT}
Redatto: MANGILI FABIO		Cod. disegno: 027	Nome file: P007_00.DOC	Nome foglio: P007_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 4

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 5)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 5)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 5)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 5)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 5)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 5)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 5)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 5)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 5)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 5)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 3)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 3)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 3)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 3)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 3)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 3)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 3)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 3)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 3)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 3)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		TRIANGOLO MAGLIA CADUTA 1 POS. “B”	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE TRIANGOLO MAGLIA CADUTA 1 POS. “B”	+24V – EV 1 POLO POSITIVO
J9		TRIANGOLO MAGLIA CADUTA 1 POS. “A”	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE TRIANGOLO MAGLIA CADUTA 1 POS. “A”	+24V – EV 2 POLO POSITIVO
J8		ESTRAZIONE PLATINE CADUTA 4	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE ESTRAZIONE PLATINE CADUTA 4	+24V – EV 3 POLO POSITIVO
J7		SBILANCIAMENTO TRIANG. CADUTA 1 POS. 2 (OPTIONAL)	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 1 POS. 2	+24V – EV 4 POLO POSITIVO
J6			0V – OUT 5 – EV 5 POLO NEGATIVO
J15			+24V – EV 5 POLO POSITIVO
J5		ABBASSA AGHI SCARICA MAGLIA	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE ABBASSA AGHI SCARICA MAGLIA	+24V – EV 6 POLO POSITIVO
J4		ALZA AGHI CHIUSURA BORDO POS. “A”	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ALZA AGHI CHIUSURA BORDO POS. “A”	+24V – EV 7 POLO POSITIVO
J3		ALZA AGHI CHIUSURA BORDO POS. “B”	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ALZA AGHI CHIUSURA BORDO POS. “B”	+24V – EV 8 POLO POSITIVO
J24		ESTRAZIONE SELETTORI TAMBURINO 1	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE ESTRAZIONE SELETTORI TAMBURINO 1	+24V – EV 9 POLO POSITIVO
J25		ESTRAZIONE SELETTORI TAMBURINO 2	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ESTRAZIONE SELETTORI TAMBURINO 2	+24V – EV 10 POLO POSITIVO
J26		ESTRAZIONE SELETTORI TAMBURINO 3	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ESTRAZIONE SELETTORI TAMBURINO 3	+24V – EV 11 POLO POSITIVO
J35		ESTRAZIONE SELETTORI TAMBURINO 4	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ESTRAZIONE SELETTORI TAMBURINO 4	+24V – EV 12 POLO POSITIVO
J23		OLIATORE	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE OLIATORE	+24V – EV 13 POLO POSITIVO
J22		MANOVELLA PNEUMATICA	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE MANOVELLA PNEUMATICA	+24V – EV 14 POLO POSITIVO
J21		ESPULSIONE CALZA	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ESPULSIONE CALZA	+24V – EV 15 POLO POSITIVO
J20		ABBASSA AGHI COLORE 3	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ABBASSA AGHI COLORE 3	+24V – EV 16 POLO POSITIVO

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P008_00.DOC	Nome foglio: P008_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 4)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 4)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 4)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 4)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 4)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 4)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 4)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 4)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 4)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 4)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 2)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 2)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 2)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 2)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 2)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 2)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 2)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 2)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 2)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 2)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10			0V – OUT 1 – EV 1 POLO NEGATIVO
J11			+24V – EV 1 POLO POSITIVO
J9			0V – OUT 2 – EV 2 POLO NEGATIVO
J12			+24V – EV 2 POLO POSITIVO
J8			0V – OUT 3 – EV 3 POLO NEGATIVO
J13			+24V – EV 3 POLO POSITIVO
J7		DEVIATORE CONTROLLO CALZA (OPTIONAL)	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE DEVIATORE CONTROLLO CALZA (OPTIONAL)	+24V – EV 4 POLO POSITIVO
J6		SBILANCIAMENTO TRIANGOLO CADUTA 2	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 2	+24V – EV 5 POLO POSITIVO
J5		TENSIONATORE LYCRA CADUTA 4 (OPTIONAL)	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE TENSIONATORE LYCRA CADUTA 4 (OPTIONAL)	+24V – EV 6 POLO POSITIVO
J4		TENSIONATORE LYCRA CADUTA 1 (OPTIONAL)	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE TENSIONATORE LYCRA CADUTA 1 (OPTIONAL)	+24V – EV 7 POLO POSITIVO
J3		TENSIONATORE LYCRA CADUTA 3 (OPTIONAL)	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE TENSIONATORE LYCRA CADUTA 3 (OPTIONAL)	+24V – EV 8 POLO POSITIVO
J24		TENSIONATORE LYCRA CADUTA 2 (OPTIONAL)	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE TENSIONATORE LYCRA CADUTA 2 (OPTIONAL)	+24V – EV 9 POLO POSITIVO
J25			0V – OUT 10 – EV 10 POLO NEGATIVO
J33			+24V – EV 10 POLO POSITIVO
J26		SBILANCIAMENTO TRIANGOLO CADUTA 3	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 3	+24V – EV 11 POLO POSITIVO
J35		PISTONE TUBO INTERNO POSIZIONE 4	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PISTONE TUBO INTERNO POSIZIONE 4	+24V – EV 12 POLO POSITIVO
J23		PISTONE TUBO INTERNO POSIZIONE 3	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE PISTONE TUBO INTERNO POSIZIONE 3	+24V – EV 13 POLO POSITIVO
J22		PISTONE TUBO INTERNO POSIZIONE 2	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE PISTONE TUBO INTERNO POSIZIONE 2	+24V – EV 14 POLO POSITIVO
J21		PISTONE TUBO INTERNO POSIZIONE 1	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE PISTONE TUBO INTERNO POSIZIONE 1	+24V – EV 15 POLO POSITIVO
J20		APRI AGO 2	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE APRI AGO 2	+24V – EV 16 POLO POSITIVO

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P009_00.DOC	Nome foglio: P009_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 3)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 3)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 3)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 3)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 3)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 3)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 3)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 3)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 3)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 3)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 1)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 1)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 1)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 1)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 1)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 1)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 1)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 1)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 1)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 1)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10			0V – OUT 1 – EV 1 POLO NEGATIVO
J11			+24V – EV 1 POLO POSITIVO
J9		DISATTIVA PISTONE SCATOLINE CADUTA 1	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE DISATTIVA PISTONE SCATOLINE CADUTA 1	+24V – EV 2 POLO POSITIVO
J8		RINFORZO SOLETTA CADUTA 1 (OPTIONAL)	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE RINFORZO SOLETTA CADUTA 1 (OPTIONAL)	+24V – EV 3 POLO POSITIVO
J7		PISTONE FRENO GRUPPO VERTICALE	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE PISTONE FRENO GRUPPO VERTICALE	+24V – EV 4 POLO POSITIVO
J6		RINFORZO SOLETTA CADUTA 2 (OPTIONAL)	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE RINFORZO SOLETTA CADUTA 2 (OPTIONAL)	+24V – EV 5 POLO POSITIVO
J5		RINFORZO SOLETTA CADUTA 3 (OPTIONAL)	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE RINFORZO SOLETTA CADUTA 3 (OPTIONAL)	+24V – EV 6 POLO POSITIVO
J4		REGOLAZONE 2 GUIDAFILO 4 CADUTA 1	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE REGOLAZONE 2 GUIDAFILO 4 CADUTA 1	+24V – EV 7 POLO POSITIVO
J3		SBILANCIAMENTO TRIANGOLO CADUTA 4	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 4	+24V – EV 8 POLO POSITIVO
J24			0V – OUT 9 – EV 9 POLO NEGATIVO
J34			+24V – EV 9 POLO POSITIVO
J25		USCITA INTERNA LONATI (OPTIONAL)	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE USCITA INTERNA LONATI (OPTIONAL)	+24V – EV 10 POLO POSITIVO
J26		SPOSTA GUIDAFILO MOBILE	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE SPOSTA GUIDAFILO MOBILE	+24V – EV 11 POLO POSITIVO
J35		PISTONE EXTRA PER RECUPERA FILO TALLONE	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PISTONE EXTRA PER RECUPERA FILO TALLONE	+24V – EV 12 POLO POSITIVO
J23			0V – OUT 13 – EV 13 POLO NEGATIVO
J30			+24V – EV 13 POLO POSITIVO
J22			0V – OUT 14 – EV 14 POLO NEGATIVO
J29			+24V – EV 14 POLO POSITIVO
J21		STOP LINGUETTE 2	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE STOP LINGUETTE 2	+24V – EV 15 POLO POSITIVO
J20		ALZA SELETTORINI COLORE 2 POS. “B”	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ALZA SELETTORINI COLORE 2 POS. “B”	+24V – EV 16 POLO POSITIVO

App: SOA-CE-WAC/MATRIX-V.1	**Descrizione: CABLAGGI SCHEDA 1882**	**Cliente: LONATI**	**Note: Per macchina FL54J^{OT}**	
Redatto: MANGILI FABIO	**Cod. disegno: 027**	**Nome file: P010_00.DOC**	**Nome foglio: P010_00**	**Data: 22-01-2002**

CIRCUIT 1882 – BAR 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 2)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 2)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 2)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 2)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 2)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 2)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 2)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 2)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 2)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 2)	0V
J19	4			MR	1		PCB 2703 J2 PIN 4	+24V
J19	5			BL	1		PCB 2703 J2 PIN 6	0V
J36	1							/CEOUT
J36	2							+24V
J36	3							CKOUT
J36	4							0V
J36	5			BL	0,35		PCB 1882 J36 PIN 7 (BARRA 1)	SIOUT
J36	6							0V
J36	7			BL	0,35		PCB 1882 J36 PIN 5 (BARRA 1)	SOUT
J36	8							/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		VALVOLA ROVESCIATORE POSIZIONE 1 (OPTIONAL)	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE VALVOLA ROVESCIATORE POS. 1 (OPTIONAL)	+24V – EV 1 POLO POSITIVO
J9		VALVOLA ROVESCIATORE POSIZIONE 2 (OPTIONAL)	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE VALVOLA ROVESCIATORE POS. 2 (OPTIONAL)	+24V – EV 2 POLO POSITIVO
J8		SOFFIO ROVESCIATORE (OPTIONAL)	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE SOFFIO ROVESCIATORE (OPTIONAL)	+24V – EV 3 POLO POSITIVO
J7		ALZA SELETTORINI COLORE 1 POS. "B"	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE ALZA SELETTORINI COLORE 1 POS. "B"	+24V – EV 4 POLO POSITIVO
J6		SBILANCIAMENTO TRIANG. CADUTA 4 POS. 2 (OPTIONAL)	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 4 POS. 2	+24V – EV 5 POLO POSITIVO
J5		SBILANCIAMENTO TRIANG. CADUTA 3 POS. 2 (OPTIONAL)	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 3 POS. 2	+24V – EV 6 POLO POSITIVO
J4		SBILANCIAMENTO TRIANG. CADUTA 2 POS. 2 (OPTIONAL)	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 2 POS. 2	+24V – EV 7 POLO POSITIVO
J3		RINFORZO SOLETTA CADUTA 4 (OPTIONAL)	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE RINFORZO SOLETTA CADUTA 4 (OPTIONAL)	+24V – EV 8 POLO POSITIVO
J24			0V – OUT 9 – EV 9 POLO NEGATIVO
J34			+24V – EV 9 POLO POSITIVO
J25			0V – OUT 10 – EV 10 POLO NEGATIVO
J33			+24V – EV 10 POLO POSITIVO
J26			0V – OUT 11 – EV 11 POLO NEGATIVO
J32			+24V – EV 11 POLO POSITIVO
J35			0V – OUT 12 – EV 12 POLO NEGATIVO
J31			+24V – EV 12 POLO POSITIVO
J23			0V – OUT 13 – EV 13 POLO NEGATIVO
J30			+24V – EV 13 POLO POSITIVO
J22			0V – OUT 14 – EV 14 POLO NEGATIVO
J29			+24V – EV 14 POLO POSITIVO
J21			0V – OUT 15 – EV 15 POLO NEGATIVO
J28			+24V – EV 15 POLO POSITIVO
J20			0V – OUT 16 – EV 16 POLO NEGATIVO
J27			+24V – EV 16 POLO POSITIVO

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P011_00.DOC	Nome foglio: P011_00	Data: 22-01-2002

CONNECTIONS OF PCB1881 FL 54J^{OT} (MODULE A-B-C-D)

CIRCUIT 1881 – MODULE A

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NO	O.2		CONNETTORE “3” PIN 1	OUT 8 – GUIDAFILO 2 CADUTA 3
J1	2			RS	O.2		CONNETTORE “3” PIN 5	+24V – COMUNE GUIDAFILI CAD. 3
J1	3			MR	O.2		CONNETTORE “3” PIN 2	OUT 7 – GUIDAFILO 1 CADUTA 3
J1	4			BL	O.2		CONNETTORE “3” PIN 7	+24V – COMUNE GUIDAFILI CAD. 3
J1	5			RO	O.2		CONNETTORE “3” PIN 3	OUT 6 – GUIDAFILO 3 CADUTA 3
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “3” PIN 4	OUT 5 – REG. GUIDAF. 1 CAD. 3
J1	8							+24V
J1	9			NR	O.2		CONNETTORE “3” PIN 6	OUT 4 – REG. GUIDAF. 2 CAD. 3
J1	10							+24V
J1	11			BI	O.2		CONNETTORE “3” PIN 8	OUT 3 – REG. GUIDAF. 3 CAD. 3
J1	12							+24V
J1	13			GI	O.2		CONNETTORE “3” PIN 10	OUT 2 – REG. GUIDAF. 4 CAD. 3
J1	14							+24V
J1	15			GR	O.2		CONNETTORE “3” PIN 12	OUT 1 – REG. GUIDAF. 5 CAD. 3
J1	16							+24V
J2	1			AR	O.2		CONNETTORE “3” PIN 13	OUT 16 – GUIDAFILO 4 CADUTA 3
J2	2			BI/RO	O.2		CONNETTORE “3” PIN 9	+24V – COMUNE GUIDAFILI CAD. 3
J2	3			TU	O.2		CONNETTORE “3” PIN 14	OUT 15 – REG. GUIDAF. 6 CAD. 3
J2	4			BI/BL	O.2		CONNETTORE “3” PIN 11	+24V – COMUNE GUIDAFILI CAD. 3
J2	5			BI/NR	O.2		CONNETTORE “3” PIN 15	OUT 14 – GUIDAFILO 5 CADUTA 3
J2	6							+24V
J2	7			BI/MR	O.2		CONNETTORE “3” PIN 16	OUT 13 – GUIDAFILO 6 CADUTA 3
J2	8							+24V
J2	9							OUT 12
J2	10							+24V
J2	11							OUT 11
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J17 PIN 1		*CESPI OUT
J3	2					PCB 2703 J17 PIN 2		0V
J3	3					PCB 2703 J17 PIN 3		CLKSPI
J3	4					PCB 2703 J17 PIN 4		0V
J3	5					PCB 2703 J17 PIN 5		SPIOUT 1
J3	6					PCB 2703 J17 PIN 6		0V
J3	7					PCB 2703 J17 PIN 7		SPIOUT
J3	8					PCB 2703 J17 PIN 8		0V
J3	9					PCB 2703 J17 PIN 9		*RESETSPI
J3	10					PCB 2703 J17 PIN 10		0V
J3	11					PCB 2703 J17 PIN 11		+24V
J3	12					PCB 2703 J17 PIN 12		+24V
J3	13					PCB 2703 J17 PIN 13		+24V
J3	14					PCB 2703 J17 PIN 14		+24V
J3	15					PCB 2703 J17 PIN 15		+24V
J3	16					PCB 2703 J17 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881	Cliente: LONATI	Note: Per macchina FL54J^{OT}	
Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P012_00.DOC	Nome foglio: P012_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE B

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NO	O.2		CONNETTORE “2” PIN 1	OUT 8 – GUIDAFILO 2 CADUTA 2
J1	2			RS	O.2		CONNETTORE “2” PIN 5	+24V – COMUNE GUIDAFILI CAD. 2
J1	3			MR	O.2		CONNETTORE “2” PIN 2	OUT 7 – GUIDAFILO 1 CADUTA 2
J1	4			BL	O.2		CONNETTORE “2” PIN 7	+24V – COMUNE GUIDAFILI CAD. 2
J1	5			RO	O.2		CONNETTORE “2” PIN 3	OUT 6 – GUIDAFILO 3 CADUTA 2
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “2” PIN 4	OUT 5 – REG. GUIDAF. 1 CAD. 2
J1	8							+24V
J1	9			NR	O.2		CONNETTORE “2” PIN 6	OUT 4 – REG. GUIDAF. 2 CAD. 2
J1	10							+24V
J1	11			BI	O.2		CONNETTORE “2” PIN 8	OUT 3 – REG. GUIDAF. 3 CAD. 2
J1	12							+24V
J1	13			GI	O.2		CONNETTORE “2” PIN 10	OUT 2 – REG. GUIDAF. 4 CAD. 2
J1	14							+24V
J1	15			GR	O.2		CONNETTORE “2” PIN 12	OUT 1 – REG. GUIDAF. 5 CAD. 2
J1	16							+24V
J2	1			AR	O.2		CONNETTORE “2” PIN 13	OUT 16 – GUIDAFILO 4 CADUTA 2
J2	2			BI/RO	O.2		CONNETTORE “2” PIN 9	+24V – COMUNE GUIDAFILI CAD. 2
J2	3			TU	O.2		CONNETTORE “2” PIN 14	OUT 15 – REG. GUIDAF. 6 CAD. 2
J2	4			BI/BL	O.2		CONNETTORE “2” PIN 11	+24V – COMUNE GUIDAFILI CAD. 2
J2	5			BI/NR	O.2		CONNETTORE “2” PIN 15	OUT 14 – GUIDAFILO 5 CADUTA 2
J2	6							+24V
J2	7			BI/MR	O.2		CONNETTORE “2” PIN 16	OUT 13 – GUIDAFILO 6 CADUTA 2
J2	8							+24V
J2	9							OUT 12 – USCITA UTENTE 4
J2	10							+24V
J2	11							OUT 11 – USCITA UTENTE 3
J2	12							+24V
J2	13							OUT 10 – USCITA UTENTE 2
J2	14							+24V
J2	15							OUT 9 – USCITA UTENTE 1
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J16 PIN 1		*CESPI OUT
J3	2					PCB 2703 J16 PIN 2		0V
J3	3					PCB 2703 J16 PIN 3		CLKSPI
J3	4					PCB 2703 J16 PIN 4		0V
J3	5					PCB 2703 J16 PIN 5		SPIOUT 1
J3	6					PCB 2703 J16 PIN 6		0V
J3	7					PCB 2703 J16 PIN 7		SPIOUT
J3	8					PCB 2703 J16 PIN 8		0V
J3	9					PCB 2703 J16 PIN 9		*RESETSPI
J3	10					PCB 2703 J16 PIN 10		0V
J3	11					PCB 2703 J16 PIN 11		+24V
J3	12					PCB 2703 J16 PIN 12		+24V
J3	13					PCB 2703 J16 PIN 13		+24V
J3	14					PCB 2703 J16 PIN 14		+24V
J3	15					PCB 2703 J16 PIN 15		+24V
J3	16					PCB 2703 J16 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL54J^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P013_00.DOC	Nome foglio: P013_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE C

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NO	O.2		CONNETTORE “4” PIN 1	OUT 8 – GUIDAFILO 2 CADUTA 4
J1	2			RS	O.2		CONNETTORE “4” PIN 5	+24V – COMUNE GUIDAFILI CAD. 4
J1	3			MR	O.2		CONNETTORE “4” PIN 2	OUT 7 – GUIDAFILO 1 CADUTA 4
J1	4			BL	O.2		CONNETTORE “4” PIN 7	+24V – COMUNE GUIDAFILI CAD. 4
J1	5			RO	O.2		CONNETTORE “4” PIN 3	OUT 6 – GUIDAFILO 3 CADUTA 4
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “4” PIN 4	OUT 5 – REG. GUIDAF. 1 CAD. 4
J1	8							+24V
J1	9			NR	O.2		CONNETTORE “4” PIN 6	OUT 4 – REG. GUIDAF. 2 CAD. 4
J1	10							+24V
J1	11			BI	O.2		CONNETTORE “4” PIN 8	OUT 3 – REG. GUIDAF. 3 CAD. 4
J1	12							+24V
J1	13			GI	O.2		CONNETTORE “4” PIN 10	OUT 2 – REG. GUIDAF. 4 CAD. 4
J1	14							+24V
J1	15			GR	O.2		CONNETTORE “4” PIN 12	OUT 1 – REG. GUIDAF. 5 CAD. 4
J1	16							+24V
J2	1			GR	0.2		CONNETTORE “4” PIN 13	OUT 16 – GUIDAFILO 4 CADUTA 4
J2	2						CONNETTORE “4” PIN 9	+24V – COMUNE GUIDAFILI CAD. 4
J2	3			BL	0.2		CONNETTORE “4” PIN 14	OUT 15 – REG. GUIDAF. 6 CAD. 4
J2	4						CONNETTORE “4” PIN 11	+24V – COMUNE GUIDAFILI CAD. 4
J2	5			NR	0.2		CONNETTORE “4” PIN 15	OUT 14 – GUIDAFILO 5 CADUTA 4
J2	6							+24V
J2	7			AR	0.2		CONNETTORE “4” PIN 16	OUT 13 – GUIDAFILO 6 CADUTA 4
J2	8							+24V
J2	9							OUT 12
J2	10							+24V
J2	11							OUT 11
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J15 PIN 1		*CESPI OUT
J3	2					PCB 2703 J15 PIN 2		0V
J3	3					PCB 2703 J15 PIN 3		CLKSPI
J3	4					PCB 2703 J15 PIN 4		0V
J3	5					PCB 2703 J15 PIN 5		SPIOUT 1
J3	6					PCB 2703 J15 PIN 6		0V
J3	7					PCB 2703 J15 PIN 7		SPIOUT
J3	8					PCB 2703 J15 PIN 8		0V
J3	9					PCB 2703 J15 PIN 9		*RESETSPI
J3	10					PCB 2703 J15 PIN 10		0V
J3	11					PCB 2703 J15 PIN 11		+24V
J3	12					PCB 2703 J15 PIN 12		+24V
J3	13					PCB 2703 J15 PIN 13		+24V
J3	14					PCB 2703 J15 PIN 14		+24V
J3	15					PCB 2703 J15 PIN 15		+24V
J3	16					PCB 2703 J15 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL54J^{OT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P014_00.DOC	Nome foglio: P014_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE D

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NO	O.2		CONNETTORE “1” PIN 8	OUT 8 – GUIDAFILO 5 CADUTA 1
J1	2			RS	O.2		CONNETTORE “1” PIN 9	+24V – COMUNE GUIDAFILI CAD. 1
J1	3			MR	O.2		CONNETTORE “1” PIN 10	OUT 7 – GUIDAFILO 6 CADUTA 1
J1	4							+24V
J1	5			RO	O.2		CONNETTORE “1” PIN 15	OUT 6 – REG. GUIDAF. 5 CAD. 1
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “1” PIN 12	OUT 5 – REG. GUIDAF. 4 CAD. 1
J1	8							+24V
J1	9			NR	O.2		CONNETTORE “1” PIN 13	OUT 4 – REG. GUIDAF. 3 CAD. 1
J1	10							+24V
J1	11			BI	O.2		CONNETTORE “1” PIN 14	OUT 3 – GUIDAFILO 7 CADUTA 1
J1	12							+24V
J1	13			GI	O.2		CONNETTORE “1” PIN 16	OUT 2 – REG. GUIDAF. 6-7 CAD. 1
J1	14							+24V
J1	15			GR	O.2		CONNETTORE “1” PIN 2	OUT 1 – GUIDAFILO 1 CADUTA 1
J1	16							+24V
J2	1			BL	0.2		CONNETTORE “1” PIN 11	OUT 16 – REG. GUIDAF. 1 CAD. 1
J2	2							+24V
J2	3			AR	0.2		CONNETTORE “1” PIN 5	OUT 15 – GUIDAFILO 3 CADUTA 1
J2	4							+24V
J2	5			TU	0.2		CONNETTORE “1” PIN 1	OUT 14 – GUIDAF. MOBILE CAD. 1
J2	6							+24V
J2	7			BI/NR	0.2		CONNETTORE “1” PIN 4	OUT 13 – GUIDAFILO 2 CADUTA 1
J2	8							+24V
J2	9			BI/MR	0.2		CONNETTORE “1” PIN 7	OUT 12 – REG. GUID. MOB. CAD. 1
J2	10							+24V
J2	11			BI/RO	0.2		CONNETTORE “1” PIN 3	OUT 11 – REG. GUIDAF. 2 CAD. 1
J2	12							+24V
J2	13			BI/BL	0.2		CONNETTORE “1” PIN 6	OUT 10 – GUIDAFILO 4 CADUTA 1
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J14 PIN 1		*CESPI OUT
J3	2					PCB 2703 J14 PIN 2		0V
J3	3					PCB 2703 J14 PIN 3		CLKSPI
J3	4					PCB 2703 J14 PIN 4		0V
J3	5					PCB 2703 J14 PIN 5		SPIOUT 1
J3	6					PCB 2703 J14 PIN 6		0V
J3	7					PCB 2703 J14 PIN 7		SPIOUT
J3	8					PCB 2703 J14 PIN 8		0V
J3	9					PCB 2703 J14 PIN 9		*RESETSPI
J3	10					PCB 2703 J14 PIN 10		0V
J3	11					PCB 2703 J14 PIN 11		+24V
J3	12					PCB 2703 J14 PIN 12		+24V
J3	13					PCB 2703 J14 PIN 13		+24V
J3	14					PCB 2703 J14 PIN 14		+24V
J3	15					PCB 2703 J14 PIN 15		+24V
J3	16					PCB 2703 J14 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881	Cliente: LONATI	Note: Per macchina FL54J^{OT}

	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: P015_00.DOC	Nome foglio: P015_00	Data: 22-01-2002

CONNECTION OF CIRCUIT “2703” FL 54J^{CT}

CIRCUIT “2703” MODULE 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							+24V
J1	2							+24V
J1	3							+24V
J1	4							+24V
J1	5							0V
J1	6							0V
J1	7							0V
J1	8							0V
J2	1		J21	MR	1		PCB 1882 J2 PIN 1 BARRA 8	+24V
J2	2							+24V
J2	3							+24V
J2	4		J24	MR	1		PCB 1882 J19 PIN 1 BARRA 1	CHECK 1
J2	5							CHECK 2
J2	6		J26	BL	1		PCB 1882 J19 PIN 2 BARRA 1	0V
J2	7							0V
J2	8		J28	BL	1		PCB 1882 J2 PIN 2 BARRA 8	0V
J3	1							0V
J3	2							+24V
J3	3							0V
J3	4							+24V
J3	5							0V
J3	6							+24V
J3	7							0V
J3	8							+24V
J4	1							0V
J4	2							+24V
J4	3							0V
J4	4							+24V
J4	5							0V
J4	6							+24V
J4	7							0V
J4	8							+24V
J5	1							0V
J5	2							+24V
J5	3							0V
J5	4							+24V
J5	5							0V
J5	6							+24V
J5	7							0V
J5	8							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	1			BL	0.2		FASTON STOP 1U	INPUT 81 – SCATOLINE
J6	2			NR	0.2		FASTON STOP 2U	INPUT 96 – LINGUETTE 3
J6	3			MR	0.2		FASTON STOP 3U	INPUT 82 – LINGUETTE 2
J6	4			VI	0.2		FASTON STOP 4U	INPUT 95 – LINGUETTE 1
J6	5			VE	0.2		FASTON STOP 5U	INPUT 83 – AGHI POSTERIORE
J6	6		J66	BL	0.2		FASTON STOP SEL. E.	INPUT 94 – NON USATO
J6	7		J67	BL	0.2		CAPICORDA EL1	INPUT 84 – ELASTICO 1
J6	8		J68	BL	0.2		CAPICORDA EL2	INPUT 93 – ELASTICO 2
J6	9		J69	BL	0.2		FASTON COLT 1	INPUT 85 – PULIZIA COLTELLINO 1
J6	10		J610	BL	0.2		FASTON COLT 2	INPUT 92 – PULIZIA COLTELLINO 2
J6	11		J611	BL	0.2		CONN. PX ANT PIN 3	INPUT 86 – PROXIMITY PICKER ANTER.
J6	12		J612	BL	0.2		CONN. PX POS PIN 3	INPUT 91 – PROXIMITY PICKER POSTER.
J6	13		J613	BL	0.2		FASTON S. ARIA	INPUT 87 – MANCANZA ARIA
J6	14		J614	BL	0.2		FASTON CAMPANA	INPUT 90 – SENSORE CAMPANA APERTA
J6	15		J615	BL	0.2		FASTON R. TAL	INPUT 88 – RECUPERA FILO TALLONE
J6	16		J616	BL	0.2		FASTON STOP VERTICALE	INPUT 89 – NON USATO
J7	1			GR	0.2		CAPICORDA STOP 1M	INPUT 65 – PUNTO TRATTENUTO CAD. 2
J7	2			VI	0.2		CAPICORDA STOP 2M	INPUT 80 – PUNTO SCARICATO CAD. 2
J7	3			BI	0.2		CAPICORDA STOP 3M	INPUT 66 – TRIANG. MAGLIA CAD. 2 POS. “B”
J7	4			MR	0.2		CAPICORDA STOP 4M	INPUT 79 – TRIANG. MAGLIA CAD. 2 POS. “A”
J7	5			NR	0.2		CAPICORDA STOP 5M	INPUT 67 – ABBASSA AGHI COLORE 3
J7	6			VE	0.2		CAPICORDA STOP 6M	INPUT 78 – PUNTO TRATTENUTO CAD. 3
J7	7			GI	0.2		CAPICORDA STOP 7M	INPUT 68 – ALZA SELETTORINI COLORE 1
J7	8			BL	0.2		CAPICORDA STOP 8M	INPUT 77 – TRIANG. MAGLIA CAD. 3 POS. “B”
J7	9			GR	0.2		CAPICORDA STOP 9M	INPUT 69 – TRIANG. MAGLIA CAD. 3 POS. “A”
J7	10			VI	0.2		CAPICORDA STOP 10M	INPUT 76 – ABBASSA AGHI COLORE 1
J7	11			BI	0.2		CAPICORDA STOP 11M	INPUT 70 – PUNTO TRATTENUTO CAD. 4
J7	12			MR	0.2		CAPICORDA STOP 12M	INPUT 75 – ALZA SELETTORINI COLORE 2
J7	13			NR	0.2		CAPICORDA STOP 13M	INPUT 71 – TRIANG. MAGLIA CAD. 4 POS. “B”
J7	14			VE	0.2		CAPICORDA STOP 14M	INPUT 74 – TRIANG. MAGLIA CAD. 4 POS. “A”
J7	15			GI	0.2		CAPICORDA STOP 15M	INPUT 72 – ABBASSA AGHI COLORE 2
J7	16			BL	0.2		CAPICORDA STOP 16M	INPUT 73 – PUNTO TRATTENUTO CAD. 1

J3 = SEK18 40 POLI J5 = MODU2 2 POLI J7 = MODU2 8X2 POLI
J4 = MODU2 9X2 POLI J6 = MODU2 4 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina FL54JCT
Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q001_00.DOC	Nome foglio: Q001_00
			Data: 22-01-2002

CIRCUIT "2703" MODULE 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J8	1			VI	0.2		CAPICORDA STOP 17M	INPUT 49 – ALZA AG. CHIUSURA BORDO
J8	2			AR	0.2		CAPICORDA STOP 18M	INPUT 64 – ALZA AGHI ENTRATA TALL.
J8	3			BI	0.2		CAPICORDA STOP 19M	INPUT 50 – ABB. AGHI SCARICO MAGLIA
J8	4			GI	0.2		CAPICORDA STOP 20M	INPUT 63 – TRIANG. MAGLIA RIT. TALL. "B"
J8	5			NR	0.2		CAPICORDA STOP 21M	INPUT 51 – TRIANG. MAGLIA RIT. TALL. "A"
J8	6			BL	0.2		CAPICORDA STOP 22M	INPUT 62 – RINFORZO SOLETTA CAD. 1
J8	7			RO	0.2		CAPICORDA STOP 23M	INPUT 52 – ALZA MAGLIA PUNTA CHIUSA
J8	8			VE	0.2		CAPICORDA STOP 24M	INPUT 61 – CAM CENTRALE
J8	9			RS	0.2		CAPICORDA STOP 25M	INPUT 53 – TRIANG. MAGLIA CAD. 1 POS. "A"
J8	10			MR	0.2		CAPICORDA STOP 26M	INPUT 60 – TRIANG. MAGLIA CAD. 1 POS. "B"
J8	11			GR	0.2		CONN. STOP 27M PIN 2	INPUT 54 – ABBASSA AGHI USCITA TALLONE
J8	12			BL	0.2		CAPICORDA STOP 1L	INPUT 59 – ESTRAZ. SELETTORI TAMB. 2
J8	13			RO	0.2		CAPICORDA STOP 2L	INPUT 55 – ESTRAZ. SELETTORI TAMB. 3
J8	14			NR	0.2		CAPICORDA STOP 3L	INPUT 58 – ESTRAZ. SELETTORI TAMB. 4
J8	15			VE	0.2		CAPICORDA STOP 4L	INPUT 56 – ESTRAZ. SELETTORI TAMB. 1
J8	16			GI	0.2		CAPICORDA STOP 5L	INPUT 57 – NON USATO
J9	1		J91	NR	0.2		CONN. SEG PIN 4	INPUT 33 – NON USATO
J9	2		J92	NR	0.2		FASTON AGHI/TALL	INPUT 48 – NON USATO
J9	3							INPUT 34
J9	4							INPUT 47
J9	5		J95	NR	0.2		CONN. FASE RIF.	INPUT 35 – RIFASAMENTO TRAINO
J9	6		J96	NR	0.2		CAPICORDA RIF. POS. 0	INPUT 46 – RIFASAMENTO TRAINO POS. "0"
J9	7		J97	NR	0.2		FASTON STOP EL. CAD. 1 INF.	INPUT 36 – ELASTICO CADUTA 1 INFERIORE
J9	8		J98	NR	0.2		FASTON STOP EL. CAD. 1 SUP	INPUT 45 – ELASTICO CADUTA 1 SUPERIORE
J9	9		J99	NR	0.2		CAPICORDA STOP ROTTURA	INPUT 37 – ROTTURA ELASTICO CADUTA 1
J9	10		J910	NR	0.2		CONN. PMC1 INF. PIN 4	INPUT 44 – PARTENZA MOT. ELAS. CAD. 1
J9	11		J911	NR	0.2		CAPICORDA STOP PIST. VERT.	INPUT 38 – CONTROLLO BLOCCO BORDO
J9	12		J912	NR	0.2		CONN. PLAT. INF. PIN 4	INPUT 43 – CONTR. PLATORELLO – INF.
J9	13		J913	NR	0.2		CONN. PMC1 SUP. PIN 4	INPUT 39 – ARRESTO MOT. ELAS. CAD. 1
J9	14		J914	NR	0.2		CONN. PLAT. SUP. PIN 4	INPUT 42 – CONTR. PLATORELLO – SUP.
J9	15		J915	NR	0.2		CONN. CREMA BASSO PIN 4	INPUT 40 – CONTR. CREMAGLIERA – INF.
J9	16		J916	NR	0.2		CONN. CREMA ALTO PIN 4	INPUT 41 – CONTR. CREMAGLIERA – SUP.

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1							0V
J10	2			BL	0.2		CAPICORDA S .ARIA	0V – STOP MANCANZA ARIA
J10	3			BL	0.2		FASTON CAMPANA	0V – STOP CAMPANA APERTA
J10	4							0V
J10	5							0V
J10	6			BL	0.2		CAPICORDA R.TAL	0V – STOP RITORNO TALLONE
J10	7							0V
J10	8							0V
J10	9							0V
J10	10							0V
J10	11							0V
J10	12							0V
J10	13							0V
J10	14							0V
J10	15							0V
J10	16							0V
J11	1			BL	0.75	SK 2751 CONN. J1 PIN 1 - 2		+24V
J11	2			BL	0.75	SK 2751 CONN. J1 PIN 3		CHECK24V
J11	3							0V
J11	4			BL	0.75	SK 2751 CONN. J1 PIN 5 - 6		0V
J12	1	CBL406				SK 1888 CONN. J6 PIN 1		CLK + RS 422
J12	2	CBL406				SK 1888 CONN. J6 PIN 2		CLK – RS 422
J12	3	CBL406				SK 1888 CONN. J6 PIN 3		SO + RS 422
J12	4	CBL406				SK 1888 CONN. J6 PIN 4		SO – RS 422
J12	5	CBL406				SK 1888 CONN. J6 PIN 5		SI + RS 422
J12	6	CBL406				SK 1888 CONN. J6 PIN 6		SI – RS 422
J12	7	CBL406				SK 1888 CONN. J6 PIN 7		CE1 + RS 422
J12	8	CBL406				SK 1888 CONN. J6 PIN 8		CE1 – RS 422
J12	9	CBL406				SK 1888 CONN. J6 PIN 9		CE2 + RS 422
J12	10	CBL406				SK 1888 CONN. J6 PIN 10		CE2 – RS 422
J12	11	CBL406				SK 1888 CONN. J6 PIN 11		RES + RS 422
J12	12	CBL406				SK 1888 CONN. J6 PIN 12		RES – RS 422
J12	13	CBL406						0V
J12	14	CBL406						0V
J12	15	CBL406						0V

J8 = MODU2 8X2 POLI J10 = MODU2 8X2 POLI J12 = VASCHETTA 15 POLI
J9 = MODU2 8X2 POLI J11 = BLA 4 POLI

App: SOA-CE- WAC/MATRIX-V.1	**Descrizione: CABLAGGI SCHEDA 2703**	**Cliente: LONATI**	**Note: Per macchina FL54JCT**	
	Redatto: Mangili Fabio	**Cod. disegno: 027**	**Nome file: Q002_00.DOC**	**Nome foglio: Q002_00**	**Data: 22-01-2002**

CIRCUIT "2703" MODULE 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J13	1			BI	0.2		PCB 1882 J1 PIN 1 BARRA 8	/CEOUT
J13	2			BL	0.2		PCB 1882 J1 PIN 2 BARRA 8	+24V
J13	3			GI	0.2		PCB 1882 J1 PIN 3 BARRA 8	CKOUT
J13	4			MR	0.2		PCB 1882 J1 PIN 4 BARRA 8	0V
J13	5			GR	0.2		PCB 1882 J1 PIN 5 BARRA 8	SIOUT
J13	6			VI	0.2		PCB 1882 J1 PIN 6 BARRA 8	0V
J13	7			VE	0.2		PCB 1882 J1 PIN 7 BARRA 8	SOUT
J13	8			NR	0.2		PCB 1882 J1 PIN 8 BARRA 8	/RESOUT
J19	1		J191	BL	0.2		CONN. PMC1 INF. PIN 2	0V – PARTENZA MOT. ELASTICO CAD. 1
J19	2		J192	MR	0.2		CONN. PMC1 INF. PIN 3	+24V – PARTENZA MOT. ELASTICO CAD. 1
J19	3		J193	BL	0.2		CONN. PMC1 SUP. PIN 2	0V – ARRESTO MOT. ELASTICO CAD. 1
J19	4		J194	MR	0.2		CONN. PMC1 SUP. PIN 3	+24V – ARRESTO MOT. ELASTICO CAD. 1
J19	5		J195	BL	0.2		CONN. FASE RIF. PIN 2	0V – PROX. FASE RIFASATORE TRAINO
J19	6		J196	MR	0.2		CONN. FASE RIF. PIN 3	+24V – PROX. FASE RIFASATORE TRAINO
J19	7		J197	BL	0.2		CONN. SEG. PIN 2	0V – NON USATO
J19	8		J198	MR	0.2		CONN. SEG. PIN 3	+24V – NON USATO
J20	1		J201	BL	0.2		CONN. PLAT. INF. PIN 2	0V – CONTROLLO PLATORELLO INF.
J20	2		J202	MR	0.2		CONN. PLAT. INF. PIN 3	+24V – CONTROLLO PLATORELLO INF.
J20	3		J203	BL	0.2		CONN. PLAT. SUP. PIN 2	0V – CONTROLLO PLATORELLO SUP.
J20	4		J204	MR	0.2		CONN. PLAT. SUP. PIN 3	+24V – CONTROLLO PLATORELLO SUP
J20	5		J205	BL	0.2		CONN. CREMA ALTO PIN 2	0V – CONTROLLO CREMAGLIERA SUP.
J20	6		J206	MR	0.2		CONN. CREMA ALTO PIN 3	+24V – CONTROLLO CREMAGLIERA SUP.
J20	7		J207	BL	0.2		CONN. CREMA BASSO PIN 2	0V – CONTROLLO CREMAGLIERA INF.
J20	8		J208	MR	0.2		CONN. CREMA BASSO PIN 3	+24V – CONTROLLO CREMAGLIERA INF.
J21	1							0V
J21	2							+24V
J21	3			BL	0.2		CONN. PX ANT. PIN 4	0V – PROXIMITY PICKER ANT,
J21	4			MR	0.2		CONN. PX ANT. PIN 1	+24V – PROXIMITY PICKER ANT,
J21	5			BL	0.2		CONN. PX POS. PIN 4	0V – PROXIMITY PICKER POS,
J21	6			MR	0.2		CONN. PX POS. PIN 1	+24V – PROXIMITY PICKER POS,
J21	7							0V
J21	8							+24V
J22	1							+24V
J22	2							+24V
J22	3							+24V
J22	4							+24V
J22	5							0V
J22	6							0V
J22	7							0V
J22	8							0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTTE	DESCRIZIONE
J23	1							+24V
J23	2							+24V
J23	3							+24V
J23	4							+24V
J23	5							0V
J23	6							0V
J23	7							0V
J23	8							0V

J13 = MODU2 4X2 POLI J20 = MODU2 4X2 POLI J22 = MODU1 8 POLI
J19 = MODU2 4X2 POLI J21 = MODU2 4X2 POLI J23 = MODU1 8 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 2703		Cliente: LONATI	Note: Per macchina FL54JCT	
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q003_00.DOC	Nome foglio: Q003_00	Data: 22-01-2002

CONNECTION OF CIRCUIT “1882” FL 54J^{CT}

CIRCUIT 1882 – BARRA 8

CONN	N	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 2703 J13 PIN 1	/CEOUT
J1	2			BL	0,35		PCB 2703 J13 PIN 2	+24V
J1	3			GI	0,35		PCB 2703 J13 PIN 3	CKOUT
J1	4			MR	0,35		PCB 2703 J13 PIN 4	0V
J1	5			GR	0,35		PCB 2703 J13 PIN 5	SIOUT
J1	6			VI	0,35		PCB 2703 J13 PIN 6	0V
J1	7			VE	0,35		PCB 2703 J13 PIN 7	SOUT
J1	8			NR	0,35		PCB 2703 J13 PIN 8	/RESOUT
J2	1			MR	1		PCB 2703 J2 PIN 1	+24V
J2	2			BL	1		PCB 2703 J2 PIN 8	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 7)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 7)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 7)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 7)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 7)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 7)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 7)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 7)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 7)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 7)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		ENTRATA PARZIALE UNCINI 1	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE ENTRATA PARZIALE UNCINI 1	+24V – EV 1 POLO POSITIVO
J9		ENTRATA PARZIALE UNCINI 2	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE ENTRATA PARZIALE UNCINI 2	+24V – EV 2 POLO POSITIVO
J8		RECUPERA FILO TALLONE 1	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE RECUPERA FILO TALLONE 1	+24V – EV 3 POLO POSITIVO
J7		RECUPERA FILO TALLONE 2	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE RECUPERA FILO TALLONE 2	+24V – EV 4 POLO POSITIVO
J6		RECUPERA FILO TALLONE 3	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE RECUPERA FILO TALLONE 3	+24V – EV 5 POLO POSITIVO
J5		RECUPERA FILO TALLONE 4	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE RECUPERA FILO TALLONE 4	+24V – EV 6 POLO POSITIVO
J4		USCITA UNCINI 1	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE USCITA UNCINI 1	+24V – EV 7 POLO POSITIVO
J3		USCITA UNCINI 2	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE USCITA UNCINI 2	+24V – EV 8 POLO POSITIVO
J24		LEVA MEZZA SPUGNA CADUTA 2	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE LEVA MEZZA SPUGNA CADUTA 2	+24V – EV 9 POLO POSITIVO
J25		LEVA SPUGNA CADUTA 2	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE LEVA SPUGNA CADUTA 2	+24V – EV 10 POLO POSITIVO
J26		APRI AGO	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE APRI AGO	+24V – EV 11 POLO POSITIVO
J35		ENTRATA UNCINI DISEGNO BORDO 1	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ENTRATA UNCINI DISEGNO BORDO 1	+24V – EV 12 POLO POSITIVO
J23		ELIMINA COLTELLINO 1	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ELIMINA COLTELLINO 1	+24V – EV 13 POLO POSITIVO
J22		PINZA ELASTICO 1	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE PINZA ELASTICO 1	+24V – EV 14 POLO POSITIVO
J21		ENTRATA UNCINI DISEGNO BORDO 2	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ENTRATA UNCINI DISEGNO BORDO 2	+24V – EV 15 POLO POSITIVO
J20		PINZA FERMA ELASTICO	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PINZA FERMA ELASTICO	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54JCT
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q004_00.DOC	Nome foglio: Q004_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 7

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 8)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 8)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 8)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 8)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 8)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 8)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 8)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 8)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 8)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 8)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 6)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 6)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 6)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 6)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 6)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 6)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 6)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 6)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 6)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 6)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		STOP AGHI POSTERIORE	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE STOP AGHI POSTERIORE	+24V – EV 1 POLO POSITIVO
J9		LEVA MEZZA SPUGNA CADUTA 1	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE LEVA MEZZA SPUGNA CADUTA 1	+24V – EV 2 POLO POSITIVO
J8		LEVA SPUGNA CADUTA 1	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE LEVA SPUGNA CADUTA 1	+24V – EV 3 POLO POSITIVO
J7		SOFFIO SCARICO BORDO	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE SOFFIO SCARICO BORDO	+24V – EV 4 POLO POSITIVO
J6		PINZA ELASTICO 2	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE PINZA ELASTICO 2	+24V – EV 5 POLO POSITIVO
J5		ELIMINA COLTELLINO 2	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE ELIMINA COLTELLINO 2	+24V – EV 6 POLO POSITIVO
J4		ENTRATA UNCINI 2	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ENTRATA UNCINI 2	+24V – EV 7 POLO POSITIVO
J3		ENTRATA UNCINI 1	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ENTRATA UNCINI 1	+24V – EV 8 POLO POSITIVO
J24		SOFFIO PULIZIA PLATINE	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE SOFFIO PULIZIA PLATINE	+24V – EV 9 POLO POSITIVO
J25		PICKER ABBASSA AGO POSTERIORE	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE PICKER ABBASSA AGO POSTERIORE	+24V – EV 10 POLO POSITIVO
J26		LEVA SPUGNA CADUTA 3	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE LEVA SPUGNA CADUTA 3	+24V – EV 11 POLO POSITIVO
J35		LEVA MEZZA SPUGNA CADUTA 3	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE LEVA MEZZA SPUGNA CADUTA 3	+24V – EV 12 POLO POSITIVO
J23		PISTONE COPERCHIO PLATINE	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE PISTONE COPERCHIO PLATINE	+24V – EV 13 POLO POSITIVO
J22		ABBASSA AGHI USCITA TALLONE	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE ABBASSA AGHI USCITA TALLONE	+24V – EV 14 POLO POSITIVO
J21		PUNTO TRATTENUTO CADUTA 2 POS. “A”	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE PUNTO TRATTENUTO CADUTA 2 POS. “A”	+24V – EV 15 POLO POSITIVO
J20		PUNTO TRATTENUTO CADUTA 2 POS. “B”	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PUNTO TRATTENUTO CADUTA 2 POS. “B”	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file:Q005_00.DOC	Nome foglio: Q005_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 7)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 7)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 7)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 7)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 7)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 7)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 7)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 7)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 7)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 7)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 5)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 5)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 5)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 5)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 5)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 5)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 5)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 5)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 5)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 5)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		LEVA SPUGNA RITORNO TALLONE	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE LEVA SPUGNA RITORNO TALLONE	+24V – EV 1 POLO POSITIVO
J9		STOP LINGUETTE 1	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE STOP LINGUETTE 1	+24V – EV 2 POLO POSITIVO
J8		PICKER ABBASSA AGO ANTERIORE	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE PICKER ABBASSA AGO ANTERIORE	+24V – EV 3 POLO POSITIVO
J7		LEVA SPUGNA CADUTA 4	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE LEVA SPUGNA CADUTA 4	+24V – EV 4 POLO POSITIVO
J6		LEVA MEZZA SPUGNA CADUTA 4	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE LEVA MEZZA SPUGNA CADUTA 4	+24V – EV 5 POLO POSITIVO
J5		SBILANCIAMENTO TRIANGOLO CADUTA 1	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 1	+24V – EV 6 POLO POSITIVO
J4		ELIMINA PICKER ALZA AGO	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ELIMINA PICKER ALZA AGO	+24V – EV 7 POLO POSITIVO
J3		TRIANGOLO MAGLIA RITORNO TALLONE POS. “A”	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE TRIANGOLO MAGLIA RITORNO TALLONE POS. “A”	+24V – EV 8 POLO POSITIVO
J24		TRIANGOLO MAGLIA CADUTA 3 POSIZIONE “A”	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE TRIANGOLO MAGLIA CADUTA 3 POSIZIONE “A”	+24V – EV 9 POLO POSITIVO
J25		ALZA SELETTORINI COLORE 1 POS. A	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ALZA SELETTORINI COLORE 1 POS.” “A	+24V – EV 10 POLO POSITIVO
J26		PUNTO SCARICATO CADUTA 2 POS. “B”	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE PUNTO SCARICATO CADUTA 2 POS. “B”	+24V – EV 11 POLO POSITIVO
J35		PUNTO SCARICATO CADUTA 2 POS. “A”	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PUNTO SCARICATO CADUTA 2 POS. “A”	+24V – EV 12 POLO POSITIVO
J23		TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “B”	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “B”	+24V – EV 13 POLO POSITIVO
J22		TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “A”	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE TRIANGOLO MAGLIA CADUTA 2 POSIZIONE “A”	+24V – EV 14 POLO POSITIVO
J21		PUNTO TRATTENUTO CADUTA 4 POS. “B”	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE PUNTO TRATTENUTO CADUTA 4 POS. “B”	+24V – EV 15 POLO POSITIVO
J20		PUNTO TRATTENUTO CADUTA 4 POS. “A”	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PUNTO TRATTENUTO CADUTA 4 POS. “A”	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q006_00.DOC	Nome foglio: Q006_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 5

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 6)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 6)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 6)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 6)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 6)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 6)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 6)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 6)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 6)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 6)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 4)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 4)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 4)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 4)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 4)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 4)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 4)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 4)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 4)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 4)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		ALZA AGHI SCARICA MAGLIA	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE ALZA AGHI SCARICA MAGLIA	+24V – EV 1 POLO POSITIVO
J9		TRIANGOLO MAGLIA CADUTA 4 POS. “B”	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE TRIANGOLO MAGLIA CADUTA 4 POS. “B”	+24V – EV 2 POLO POSITIVO
J8		TRIANGOLO MAGLIA CADUTA 4 POS. “A”	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE TRIANGOLO MAGLIA CADUTA 4 POS. “A”	+24V – EV 3 POLO POSITIVO
J7		PUNTO TRATTENUTO CADUTA 1 POS. “B”	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE PUNTO TRATTENUTO CADUTA 1 POS. “B”	+24V – EV 4 POLO POSITIVO
J6		PUNTO TRATTENUTO CADUTA 1 POS. “A”	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE PUNTO TRATTENUTO CADUTA 1 POS. “A”	+24V – EV 5 POLO POSITIVO
J5		ABBASSA AGHI COLORE 2	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE ABBASSA AGHI COLORE 2	+24V – EV 6 POLO POSITIVO
J4		ALZA AGHI LUNGHI ENTRATA TALLONE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ALZA AGHI LUNGHI ENTRATA TALLONE	+24V – EV 7 POLO POSITIVO
J3		TRIANGOLO MAGLIA RITORNO TALLONE POS. “B”	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE TRIANGOLO MAGLIA RITORNO TALLONE POS. “B”	+24V – EV 8 POLO POSITIVO
J24		TRIANGOLO MAGLIA CADUTA 3 POS. “B”	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE TRIANGOLO MAGLIA CADUTA 3 POS. “B”	+24V – EV 9 POLO POSITIVO
J25		ABBASSA AGHI COLORE 1	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ABBASSA AGHI COLORE 1	+24V – EV 10 POLO POSITIVO
J26		PUNTO TRATTENUTO CADUTA 3 POS. “A”	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE PUNTO TRATTENUTO CADUTA 3 POS. “A”	+24V – EV 11 POLO POSITIVO
J35		PUNTO TRATTENUTO CADUTA 3 POS. “B”	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PUNTO TRATTENUTO CADUTA 3 POS. “B”	+24V – EV 12 POLO POSITIVO
J23		ALZA SELETTORINI COLORE 2 POS. A	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE ALZA SELETTORINI COLORE 2 POS. A	+24V – EV 13 POLO POSITIVO
J22		STOP LINGUETTE 3	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE STOP LINGUETTE 3	+24V – EV 14 POLO POSITIVO
J21		ESTRAZIONE PLATINE CADUTA 2	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ESTRAZIONE PLATINE CADUTA 2	+24V – EV 15 POLO POSITIVO
J20		ESTRAZIONE PLATINE CADUTA 3	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ESTRAZIONE PLATINE CADUTA 3	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{CT}	
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q007_00.DOC	Nome foglio: Q007_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 4

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 5)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 5)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 5)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 5)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 5)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 5)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 5)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 5)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 5)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 5)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 3)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 3)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 3)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 3)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 3)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 3)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 3)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 3)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 3)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 3)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		TRIANGOLO MAGLIA CADUTA 1 POS. “B”	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE TRIANGOLO MAGLIA CADUTA 1 POS. “B”	+24V – EV 1 POLO POSITIVO
J9		TRIANGOLO MAGLIA CADUTA 1 POS. “A”	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE TRIANGOLO MAGLIA CADUTA 1 POS. “A”	+24V – EV 2 POLO POSITIVO
J8		ESTRAZIONE PLATINE CADUTA 4	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE ESTRAZIONE PLATINE CADUTA 4	+24V – EV 3 POLO POSITIVO
J7		SBILANCIAMENTO TRIANGOLO CADUTA 1 POS. 2	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 1 POS. 2	+24V – EV 4 POLO POSITIVO
J6		ALZA MAGLIA PUNTA CHIUSA	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE ALZA MAGLIA PUNTA CHIUSA	+24V – EV 5 POLO POSITIVO
J5		ABBASSA AGHI SCARICA MAGLIA	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE ABBASSA AGHI SCARICA MAGLIA	+24V – EV 6 POLO POSITIVO
J4		ALZA AGHI CHIUSURA BORDO POS. “A”	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ALZA AGHI CHIUSURA BORDO POS. “A”	+24V – EV 7 POLO POSITIVO
J3		ALZA AGHI CHIUSURA BORDO POS. “B”	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ALZA AGHI CHIUSURA BORDO POS. “B”	+24V – EV 8 POLO POSITIVO
J24		ESTRAZIONE SELETTORI TAMBURINO 1	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE ESTRAZIONE SELETTORI TAMBURINO 1	+24V – EV 9 POLO POSITIVO
J25		ESTRAZIONE SELETTORI TAMBURINO 2	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ESTRAZIONE SELETTORI TAMBURINO 2	+24V – EV 10 POLO POSITIVO
J26		ESTRAZIONE SELETTORI TAMBURINO 3	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ESTRAZIONE SELETTORI TAMBURINO 3	+24V – EV 11 POLO POSITIVO
J35		ESTRAZIONE SELETTORI TAMBURINO 4	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ESTRAZIONE SELETTORI TAMBURINO 4	+24V – EV 12 POLO POSITIVO
J23		OLIATORE	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE OLIATORE	+24V – EV 13 POLO POSITIVO
J22		MANOVELLA PNEUMATICA	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE MANOVELLA PNEUMATICA	+24V – EV 14 POLO POSITIVO
J21		ESPULSIONE CALZA	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ESPULSIONE CALZA	+24V – EV 15 POLO POSITIVO
J20		ABBASSA AGHI COLORE 3	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ABBASSA AGHI COLORE 3	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54JCT
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q008_00.DOC	Nome foglio: Q008_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 4)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 4)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 4)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 4)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 4)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 4)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 4)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 4)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 4)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 4)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 2)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 2)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 2)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 2)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 2)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 2)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 2)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 2)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 2)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 2)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		SOFFIO SPINGI MAGLIA POSTERIORE	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE SOFFIO SPINGI MAGLIA POSTERIORE	+24V – EV 1 POLO POSITIVO
J9		SOFFIO SCARICA MAGLIA	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE SOFFIO SCARICA MAGLIA	+24V – EV 2 POLO POSITIVO
J8		PISTONE ASPIRAZIONE BOCCHETTA	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE PISTONE ASPIRAZIONE BOCCHETTA	+24V – EV 3 POLO POSITIVO
J7		DEVIATORE CONTROLLO CALZA (OPTIONAL)	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE DEVIATORE CONTROLLO CALZA (OPTIONAL)	+24V – EV 4 POLO POSITIVO
J6		SBILANCIAMENTO TRIANGOLO CADUTA 2	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 2	+24V – EV 5 POLO POSITIVO
J5		TENSIONATORE LYCRA CADUTA 4 (OPTIONAL)	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE TENSIONATORE LYCRA CADUTA 4 (OPTIONAL)	+24V – EV 6 POLO POSITIVO
J4		TENSIONATORE LYCRA CADUTA 1 (OPTIONAL)	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE TENSIONATORE LYCRA CADUTA 1 (OPTIONAL)	+24V – EV 7 POLO POSITIVO
J3		TENSIONATORE LYCRA CADUTA 3 (OPTIONAL)	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE TENSIONATORE LYCRA CADUTA 3 (OPTIONAL)	+24V – EV 8 POLO POSITIVO
J24		TENSIONATORE LYCRA CADUTA 2 (OPTIONAL)	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE TENSIONATORE LYCRA CADUTA 2 (OPTIONAL)	+24V – EV 9 POLO POSITIVO
J25		ELIMINA PICKER ALZA AGHI CADUTA 1	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ELIMINA PICKER ALZA AGHI CADUTA 1	+24V – EV 10 POLO POSITIVO
J26		SBILANCIAMENTO TRIANGOLO CADUTA 3	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 3	+24V – EV 11 POLO POSITIVO
J35		PISTONE TUBO INTERNO POSIZIONE 4	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PISTONE TUBO INTERNO POSIZIONE 4	+24V – EV 12 POLO POSITIVO
J23		PISTONE TUBO INTERNO POSIZIONE 3	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE PISTONE TUBO INTERNO POSIZIONE 3	+24V – EV 13 POLO POSITIVO
J22		PISTONE TUBO INTERNO POSIZIONE 2	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE PISTONE TUBO INTERNO POSIZIONE 2	+24V – EV 14 POLO POSITIVO
J21		PISTONE TUBO INTERNO POSIZIONE 1	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE PISTONE TUBO INTERNO POSIZIONE 1	+24V – EV 15 POLO POSITIVO
J20		APRI AGO 2	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE APRI AGO 2	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54J^{CT}
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q009_00.DOC	Nome foglio: Q009_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 3)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 3)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 3)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 3)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 3)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 3)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 3)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 3)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 3)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 3)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 1)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 1)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 1)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 1)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 1)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 1)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 1)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 1)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 1)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 1)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		SOFFIO APRI PALETTE SCARICO PUNTA	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE SOFFIO APRI PALETTE SCARICO PUNTA	+24V – EV 1 POLO POSITIVO
J9		DISATTIVA PISTONE SCATOLINE CADUTA 1	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE DISATTIVA PISTONE SCATOLINE CADUTA 1	+24V – EV 2 POLO POSITIVO
J8		RINFORZO SOLETTA CADUTA 1 (OPTIONAL)	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE RINFORZO SOLETTA CADUTA 1 (OPTIONAL)	+24V – EV 3 POLO POSITIVO
J7		PISTONE FRENO GRUPPO VERTICALE	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE PISTONE FRENO GRUPPO VERTICALE	+24V – EV 4 POLO POSITIVO
J6		RINFORZO SOLETTA CADUTA 2 (OPTIONAL)	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE RINFORZO SOLETTA CADUTA 2 (OPTIONAL)	+24V – EV 5 POLO POSITIVO
J5		RINFORZO SOLETTA CADUTA 3 (OPTIONAL)	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE RINFORZO SOLETTA CADUTA 3 (OPTIONAL)	+24V – EV 6 POLO POSITIVO
J4		REGOLAZONE 2 GUIDAFILO 4 CADUTA 1	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE REGOLAZONE 2 GUIDAFILO 4 CADUTA 1	+24V – EV 7 POLO POSITIVO
J3		SBILANCIAMENTO TRIANGOLO CADUTA 4	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 4	+24V – EV 8 POLO POSITIVO
J24		SBILANCIAMENTO TRIANGOLO RITORNO TALLONE	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE SBILANCIA. TRIANGOLO RITORNO TALLONE	+24V – EV 9 POLO POSITIVO
J25		USCITA INTERNA LONATI (OPTIONAL)	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE USCITA INTERNA LONATI (OPTIONAL)	+24V – EV 10 POLO POSITIVO
J26		SPOSTA GUIDAFILO MOBILE	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE SPOSTA GUIDAFILO MOBILE	+24V – EV 11 POLO POSITIVO
J35		PISTONE EXTRA PER RECUPERA FILO TALLONE	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PISTONE EXTRA PER RECUPERA FILO TALLONE	+24V – EV 12 POLO POSITIVO
J23		REGOLAZIONE 2 GUIDAFILI 2-3 CADUTA 1	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE REGOLAZIONE 2 GUIDAFILI 2-3 CADUTA 1	+24V – EV 13 POLO POSITIVO
J22		CAM CENTRALE	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE CAM CENTRALE	+24V – EV 14 POLO POSITIVO
J21		STOP LINGUETTE 2	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE STOP LINGUETTE 2	+24V – EV 15 POLO POSITIVO
J20		ALZA SELETTORINI COLORE 2 POS. "B"	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ALZA SELETTORINI COLORE 2 POS. B	+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54JCT
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q010_00.DOC	Nome foglio: Q010_00	Data: 22-01-2002

CIRCUIT 1882 – BAR 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0.35		PCB 1882 J36 PIN 1 (BARRA 2)	/CEOUT
J1	2			BL	0.35		PCB 1882 J36 PIN 2 (BARRA 2)	+24V
J1	3			GI	0.35		PCB 1882 J36 PIN 3 (BARRA 2)	CKOUT
J1	4			MR	0.35		PCB 1882 J36 PIN 4 (BARRA 2)	0V
J1	5			GR	0.35		PCB 1882 J36 PIN 5 (BARRA 2)	SIOUT
J1	6			VI	0.35		PCB 1882 J36 PIN 6 (BARRA 2)	0V
J1	7			VE	0.35		PCB 1882 J36 PIN 7 (BARRA 2)	SOUT
J1	8			NR	0.35		PCB 1882 J36 PIN 8 (BARRA 2)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 2)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 2)	0V
J19	4			MR	1		PCB 2703 J2 PIN 4	+24V
J19	5			BL	1		PCB 2703 J2 PIN 6	0V
J36	1							/CEOUT
J36	2							+24V
J36	3							CKOUT
J36	4							0V
J36	5			BL	0.35		PCB 1882 J36 PIN 7 (BARRA 1)	SIOUT
J36	6							0V
J36	7			BL	0.35		PCB 1882 J36 PIN 5 (BARRA 1)	SOUT
J36	8							/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10			0V – OUT 1 – EV 1 POLO NEGATIVO
J11			+24V – EV 1 POLO POSITIVO
J9			0V – OUT 2 – EV 2 POLO NEGATIVO
J12			+24V – EV 2 POLO POSITIVO
J8		SOFFIO PULIZIA CARTER SUPERIORE (OPTIONAL)	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE SOFFIO PULIZIA CARTER SUPERIORE (OPTIONAL)	+24V – EV 3 POLO POSITIVO
J7		ALZA SELETTORINI COLORE 1 POS. “B”	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE ALZA SELETTORINI COLORE 1 POS. “B”	+24V – EV 4 POLO POSITIVO
J6		SBILANCIAMENTO TRIANG. CADUTA 4 POS. 2 (OPTIONAL)	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 4 POS. 2	+24V – EV 5 POLO POSITIVO
J5		SBILANCIAMENTO TRIANG. CADUTA 3 POS. 2 (OPTIONAL)	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 3 POS. 2	+24V – EV 6 POLO POSITIVO
J4		SBILANCIAMENTO TRIANG. CADUTA 2 POS. 2 (OPTIONAL)	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE SBILANCIAMENTO TRIANGOLO CADUTA 2 POS. 2	+24V – EV 7 POLO POSITIVO
J3		RINFORZO SOLETTA CADUTA 4 (OPTIONAL)	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE RINFORZO SOLETTA CADUTA 4 (OPTIONAL)	+24V – EV 8 POLO POSITIVO
J24			0V – OUT 9 – EV 9 POLO NEGATIVO
J34			+24V – EV 9 POLO POSITIVO
J25			0V – OUT 10 – EV 10 POLO NEGATIVO
J33			+24V – EV 10 POLO POSITIVO
J26			0V – OUT 11 – EV 11 POLO NEGATIVO
J32			+24V – EV 11 POLO POSITIVO
J35			0V – OUT 12 – EV 12 POLO NEGATIVO
J31			+24V – EV 12 POLO POSITIVO
J23			0V – OUT 13 – EV 13 POLO NEGATIVO
J30			+24V – EV 13 POLO POSITIVO
J22			0V – OUT 14 – EV 14 POLO NEGATIVO
J29			+24V – EV 14 POLO POSITIVO
J21			0V – OUT 15 – EV 15 POLO NEGATIVO
J28			+24V – EV 15 POLO POSITIVO
J20			0V – OUT 16 – EV 16 POLO NEGATIVO
J27			+24V – EV 16 POLO POSITIVO

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina FL54JCT
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q011_00.DOC	Nome foglio: Q011_00	Data: 22-01-2002

CONNECTIONS OF PCB 1881 FL 54J^{CT} (MODULE A-B-C-D)

CIRCUIT 1881 – MODULE A

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NO	O.2		CONNETTORE “3” PIN 1	OUT 8 – GUIDAFILO 2 CADUTA 3
J1	2			RS	O.2		CONNETTORE “3” PIN 5	+24V – COMUNE GUIDAFILI CAD. 3
J1	3			MR	O.2		CONNETTORE “3” PIN 2	OUT 7 – GUIDAFILO 1 CADUTA 3
J1	4			BL	O.2		CONNETTORE “3” PIN 7	+24V – COMUNE GUIDAFILI CAD. 3
J1	5			RO	O.2		CONNETTORE “3” PIN 3	OUT 6 – GUIDAFILO 3 CADUTA 3
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “3” PIN 4	OUT 5 – REG. GUIDAF. 1 CAD. 3
J1	8							+24V
J1	9			NR	O.2		CONNETTORE “3” PIN 6	OUT 4 – REG. GUIDAF. 2 CAD. 3
J1	10							+24V
J1	11			BI	O.2		CONNETTORE “3” PIN 8	OUT 3 – REG. GUIDAF. 3 CAD. 3
J1	12							+24V
J1	13			GI	O.2		CONNETTORE “3” PIN 10	OUT 2 – REG. GUIDAF. 4 CAD. 3
J1	14							+24V
J1	15			GR	O.2		CONNETTORE “3” PIN 12	OUT 1 – REG. GUIDAF. 5 CAD. 3
J1	16							+24V
J2	1			AR	O.2		CONNETTORE “3” PIN 13	OUT 16 – GUIDAFILO 4 CADUTA 3
J2	2			BI/RO	O.2		CONNETTORE “3” PIN 9	+24V – COMUNE GUIDAFILI CAD. 3
J2	3			TU	O.2		CONNETTORE “3” PIN 14	OUT 15 – REG. GUIDAF. 6 CAD. 3
J2	4			BI/BL	O.2		CONNETTORE “3” PIN 11	+24V – COMUNE GUIDAFILI CAD. 3
J2	5			BI/NR	O.2		CONNETTORE “3” PIN 15	OUT 14 – GUIDAFILO 5 CADUTA 3
J2	6							+24V
J2	7			BI/MR	O.2		CONNETTORE “3” PIN 16	OUT 13 – GUIDAFILO 6 CADUTA 3
J2	8							+24V
J2	9							OUT 12
J2	10							+24V
J2	11							OUT 11
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J17 PIN 1		*CESPI OUT
J3	2					PCB 2703 J17 PIN 2		0V
J3	3					PCB 2703 J17 PIN 3		CLKSPI
J3	4					PCB 2703 J17 PIN 4		0V
J3	5					PCB 2703 J17 PIN 5		SPIOUT 1
J3	6					PCB 2703 J17 PIN 6		0V
J3	7					PCB 2703 J17 PIN 7		SPIOUT
J3	8					PCB 2703 J17 PIN 8		0V
J3	9					PCB 2703 J17 PIN 9		*RESETSPI
J3	10					PCB 2703 J17 PIN 10		0V
J3	11					PCB 2703 J17 PIN 11		+24V
J3	12					PCB 2703 J17 PIN 12		+24V
J3	13					PCB 2703 J17 PIN 13		+24V
J3	14					PCB 2703 J17 PIN 14		+24V
J3	15					PCB 2703 J17 PIN 15		+24V
J3	16					PCB 2703 J17 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL54JCT
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q012_00.DOC	Nome foglio: Q012_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE B

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NO	O.2		CONNETTORE “2” PIN 1	OUT 8 – GUIDAFILO 2 CADUTA 2
J1	2			RS	O.2		CONNETTORE “2” PIN 5	+24V – COMUNE GUIDAFILI CAD. 2
J1	3			MR	O.2		CONNETTORE “2” PIN 2	OUT 7 – GUIDAFILO 1 CADUTA 2
J1	4			BL	O.2		CONNETTORE “2” PIN 7	+24V – COMUNE GUIDAFILI CAD. 2
J1	5			RO	O.2		CONNETTORE “2” PIN 3	OUT 6 – GUIDAFILO 3 CADUTA 2
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “2” PIN 4	OUT 5 – REG. GUIDAF. 1 CAD. 2
J1	8							+24V
J1	9			NR	O.2		CONNETTORE “2” PIN 6	OUT 4 – REG. GUIDAF. 2 CAD. 2
J1	10							+24V
J1	11			BI	O.2		CONNETTORE “2” PIN 8	OUT 3 – REG. GUIDAF. 3 CAD. 2
J1	12							+24V
J1	13			GI	O.2		CONNETTORE “2” PIN 10	OUT 2 – REG. GUIDAF. 4 CAD. 2
J1	14							+24V
J1	15			GR	O.2		CONNETTORE “2” PIN 12	OUT 1 – REG. GUIDAF. 5 CAD. 2
J1	16							+24V
J2	1			AR	O.2		CONNETTORE “2” PIN 13	OUT 16 – GUIDAFILO 4 CADUTA 2
J2	2			BI/RO	O.2		CONNETTORE “2” PIN 9	+24V – COMUNE GUIDAFILI CAD. 2
J2	3			TU	O.2		CONNETTORE “2” PIN 14	OUT 15 – REG. GUIDAF. 6 CAD. 2
J2	4			BI/BL	O.2		CONNETTORE “2” PIN 11	+24V – COMUNE GUIDAFILI CAD. 2
J2	5			BI/NR	O.2		CONNETTORE “2” PIN 15	OUT 14 – GUIDAFILO 5 CADUTA 2
J2	6							+24V
J2	7			BI/MR	O.2		CONNETTORE “2” PIN 16	OUT 13 – GUIDAFILO 6 CADUTA 2
J2	8							+24V
J2	9							OUT 12 – USCITA UTENTE 4
J2	10							+24V
J2	11							OUT 11 – USCITA UTENTE 3
J2	12							+24V
J2	13							OUT 10 – USCITA UTENTE 2
J2	14							+24V
J2	15							OUT 9 – USCITA UTENTE 1
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J16 PIN 1		*CESPI OUT
J3	2					PCB 2703 J16 PIN 2		0V
J3	3					PCB 2703 J16 PIN 3		CLKSPI
J3	4					PCB 2703 J16 PIN 4		0V
J3	5					PCB 2703 J16 PIN 5		SPIOUT 1
J3	6					PCB 2703 J16 PIN 6		0V
J3	7					PCB 2703 J16 PIN 7		SPIOUT
J3	8					PCB 2703 J16 PIN 8		0V
J3	9					PCB 2703 J16 PIN 9		*RESETSPI
J3	10					PCB 2703 J16 PIN 10		0V
J3	11					PCB 2703 J16 PIN 11		+24V
J3	12					PCB 2703 J16 PIN 12		+24V
J3	13					PCB 2703 J16 PIN 13		+24V
J3	14					PCB 2703 J16 PIN 14		+24V
J3	15					PCB 2703 J16 PIN 15		+24V
J3	16					PCB 2703 J16 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL54JCT
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q013_00.DOC	Nome foglio: Q013_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE C

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NO	O.2		CONNETTORE “4” PIN 1	OUT 8 – GUIDAFILO 2 CADUTA 4
J1	2			RS	O.2		CONNETTORE “4” PIN 5	+24V – COMUNE GUIDAFILI CAD. 4
J1	3			MR	O.2		CONNETTORE “4” PIN 2	OUT 7 – GUIDAFILO 1 CADUTA 4
J1	4			BL	O.2		CONNETTORE “4” PIN 7	+24V – COMUNE GUIDAFILI CAD. 4
J1	5			RO	O.2		CONNETTORE “4” PIN 3	OUT 6 – GUIDAFILO 3 CADUTA 4
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “4” PIN 4	OUT 5 – REG. GUIDAF. 1 CAD. 4
J1	8							+24V
J1	9			NR	O.2		CONNETTORE “4” PIN 6	OUT 4 – REG. GUIDAF. 2 CAD. 4
J1	10							+24V
J1	11			BI	O.2		CONNETTORE “4” PIN 8	OUT 3 – REG. GUIDAF. 3 CAD. 4
J1	12							+24V
J1	13			GI	O.2		CONNETTORE “4” PIN 10	OUT 2 – REG. GUIDAF. 4 CAD. 4
J1	14							+24V
J1	15			GR	O.2		CONNETTORE “4” PIN 12	OUT 1 – REG. GUIDAF. 5 CAD. 4
J1	16							+24V
J2	1			GR	0.2		CONNETTORE “4” PIN 13	OUT 16 – GUIDAFILO 4 CADUTA 4
J2	2						CONNETTORE “4” PIN 9	+24V – COMUNE GUIDAFILI CAD. 4
J2	3			BL	0.2		CONNETTORE “4” PIN 14	OUT 15 – REG. GUIDAF. 6 CAD. 4
J2	4						CONNETTORE “4” PIN 11	+24V – COMUNE GUIDAFILI CAD. 4
J2	5			NR	0.2		CONNETTORE “4” PIN 15	OUT 14 – GUIDAFILO 5 CADUTA 4
J2	6							+24V
J2	7			AR	0.2		CONNETTORE “4” PIN 16	OUT 13 – GUIDAFILO 6 CADUTA 4
J2	8							+24V
J2	9							OUT 12
J2	10							+24V
J2	11							OUT 11
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J15 PIN 1		*CESPI OUT
J3	2					PCB 2703 J15 PIN 2		0V
J3	3					PCB 2703 J15 PIN 3		CLKSPI
J3	4					PCB 2703 J15 PIN 4		0V
J3	5					PCB 2703 J15 PIN 5		SPIOUT 1
J3	6					PCB 2703 J15 PIN 6		0V
J3	7					PCB 2703 J15 PIN 7		SPIOUT
J3	8					PCB 2703 J15 PIN 8		0V
J3	9					PCB 2703 J15 PIN 9		*RESETSPI
J3	10					PCB 2703 J15 PIN 10		0V
J3	11					PCB 2703 J15 PIN 11		+24V
J3	12					PCB 2703 J15 PIN 12		+24V
J3	13					PCB 2703 J15 PIN 13		+24V
J3	14					PCB 2703 J15 PIN 14		+24V
J3	15					PCB 2703 J15 PIN 15		+24V
J3	16					PCB 2703 J15 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE-WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881	Cliente: LONATI	Note: Per macchina FL54JCT	
Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q014_00.DOC	Nome foglio: Q014_00	Data: 22-01-2002

CIRCUIT 1881 – MODULE D

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			NO	O.2		CONNETTORE “1” PIN 8	OUT 8 – GUIDAFILO 5 CADUTA 1
J1	2			RS	O.2		CONNETTORE “1” PIN 9	+24V – COMUNE GUIDAFILI CAD. 1
J1	3			MR	O.2		CONNETTORE “1” PIN 10	OUT 7 – GUIDAFILO 6 CADUTA 1
J1	4							+24V
J1	5			RO	O.2		CONNETTORE “1” PIN 15	OUT 6 – REG. GUIDAF. 5 CAD. 1
J1	6							+24V
J1	7			VE	O.2		CONNETTORE “1” PIN 12	OUT 5 – REG. GUIDAF. 4 CAD. 1
J1	8							+24V
J1	9			NR	O.2		CONNETTORE “1” PIN 13	OUT 4 – REG. GUIDAF. 3 CAD. 1
J1	10							+24V
J1	11			BI	O.2		CONNETTORE “1” PIN 14	OUT 3 – GUIDAFILO 7 CADUTA 1
J1	12							+24V
J1	13			GI	O.2		CONNETTORE “1” PIN 16	OUT 2 – REG. GUIDAF. 6-7 CAD. 1
J1	14							+24V
J1	15			GR	O.2		CONNETTORE “1” PIN 2	OUT 1 – GUIDAFILO 1 CADUTA 1
J1	16							+24V
J2	1			BL	0.2		CONNETTORE “1” PIN 11	OUT 16 – REG. GUIDAF. 1 CAD. 1
J2	2							+24V
J2	3			AR	0.2		CONNETTORE “1” PIN 5	OUT 15 – GUIDAFILO 3 CADUTA 1
J2	4							+24V
J2	5			TU	0.2		CONNETTORE “1” PIN 1	OUT 14 – GUIDAF. MOBILE CAD. 1
J2	6							+24V
J2	7			BI/NR	0.2		CONNETTORE “1” PIN 4	OUT 13 – GUIDAFILO 2 CADUTA 1
J2	8							+24V
J2	9			BI/MR	0.2		CONNETTORE “1” PIN 7	OUT 12 – REG. GUID. MOB. CAD. 1
J2	10							+24V
J2	11			BI/RO	0.2		CONNETTORE “1” PIN 3	OUT 11 – REG. GUIDAF. 2 CAD. 1
J2	12							+24V
J2	13			BI/BL	0.2		CONNETTORE “1” PIN 6	OUT 10 – GUIDAFILO 4 CADUTA 1
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J14 PIN 1		*CESPI OUT
J3	2					PCB 2703 J14 PIN 2		0V
J3	3					PCB 2703 J14 PIN 3		CLKSPI
J3	4					PCB 2703 J14 PIN 4		0V
J3	5					PCB 2703 J14 PIN 5		SPIOUT 1
J3	6					PCB 2703 J14 PIN 6		0V
J3	7					PCB 2703 J14 PIN 7		SPIOUT
J3	8					PCB 2703 J14 PIN 8		0V
J3	9					PCB 2703 J14 PIN 9		*RESETSPI
J3	10					PCB 2703 J14 PIN 10		0V
J3	11					PCB 2703 J14 PIN 11		+24V
J3	12					PCB 2703 J14 PIN 12		+24V
J3	13					PCB 2703 J14 PIN 13		+24V
J3	14					PCB 2703 J14 PIN 14		+24V
J3	15					PCB 2703 J14 PIN 15		+24V
J3	16					PCB 2703 J14 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE- WAC/MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina FL54JCT
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: Q015_00.DOC	Nome foglio: Q015_00	Data: 22-01-2002

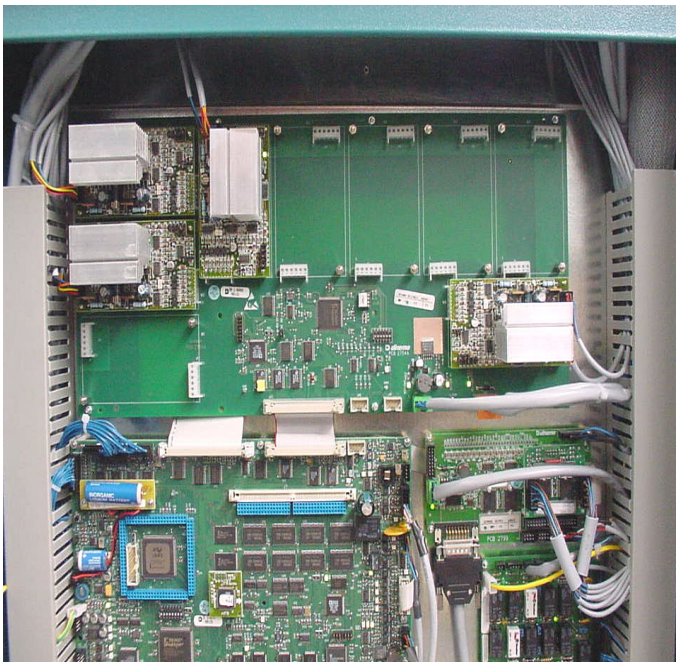
Machine series S

Important read carefully

The following part of the manual has the purpose to complete the one of the machine FL. **The series "S"** is different from the FL because it uses the board **PCB 2889A/1**, (that can control up to 9 PCB 2755A/1 four of witch are "remote"), that replaces and incorporates the PCB 2729B/2 (saw, elastic 1 and 2, elastic feed 1) and replaces the PCB 2754A/1.
Substantially in the other connections nothing has changed, during the explanations of the error resolutions remember to refer only to the 2889 and to its connections, and no longer to the 2729 and 2754.
Another important characteristic is the possibility to choose with the new software the use through the set-up of the board 2889A/1 or of the 2754A/1. Therefore in case of software updating always check the board present in the machine **this from the version 4.56.14**.
For further comprehension the views of the front panel of the machine series "FL" and "S" are shown, in order to highlight the clear difference between the PCB 2754A/1 and the 2889A/1.

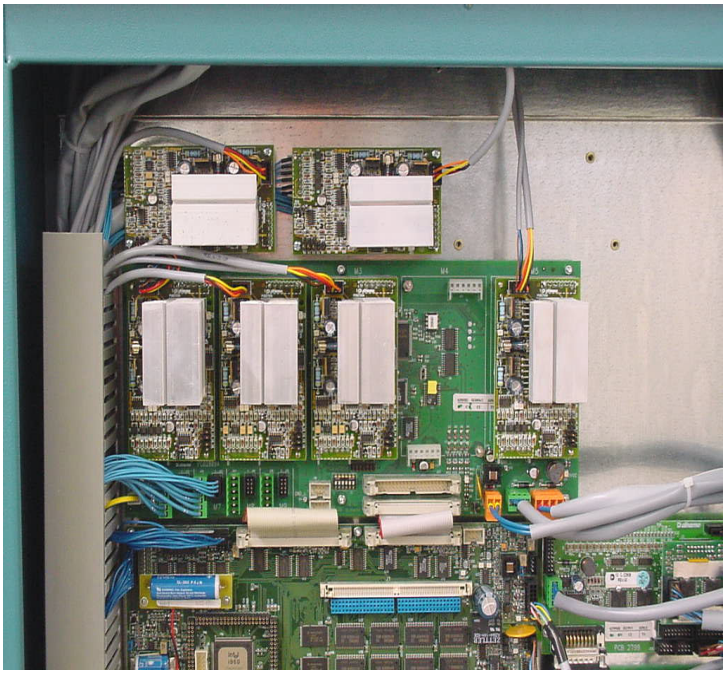
Machine series FL

View of the board **PCB 2754A/1** with modules 2755A/1 mounted



Machine series S

View of the board **PCB 2889A/1** with modules 2755A/1



At first sight it is clearly noticeable, that the PCB 2889 is recognizable because smaller than the 2754.
For further confirmation, on each board is written the PCB XXXX/Y name and model.
Below are reported the diagrams modified or different from the manuals FL. If it is not specified refer to the diagrams inserted previously.

Stops and alarms added

Stop Light bulb not connected

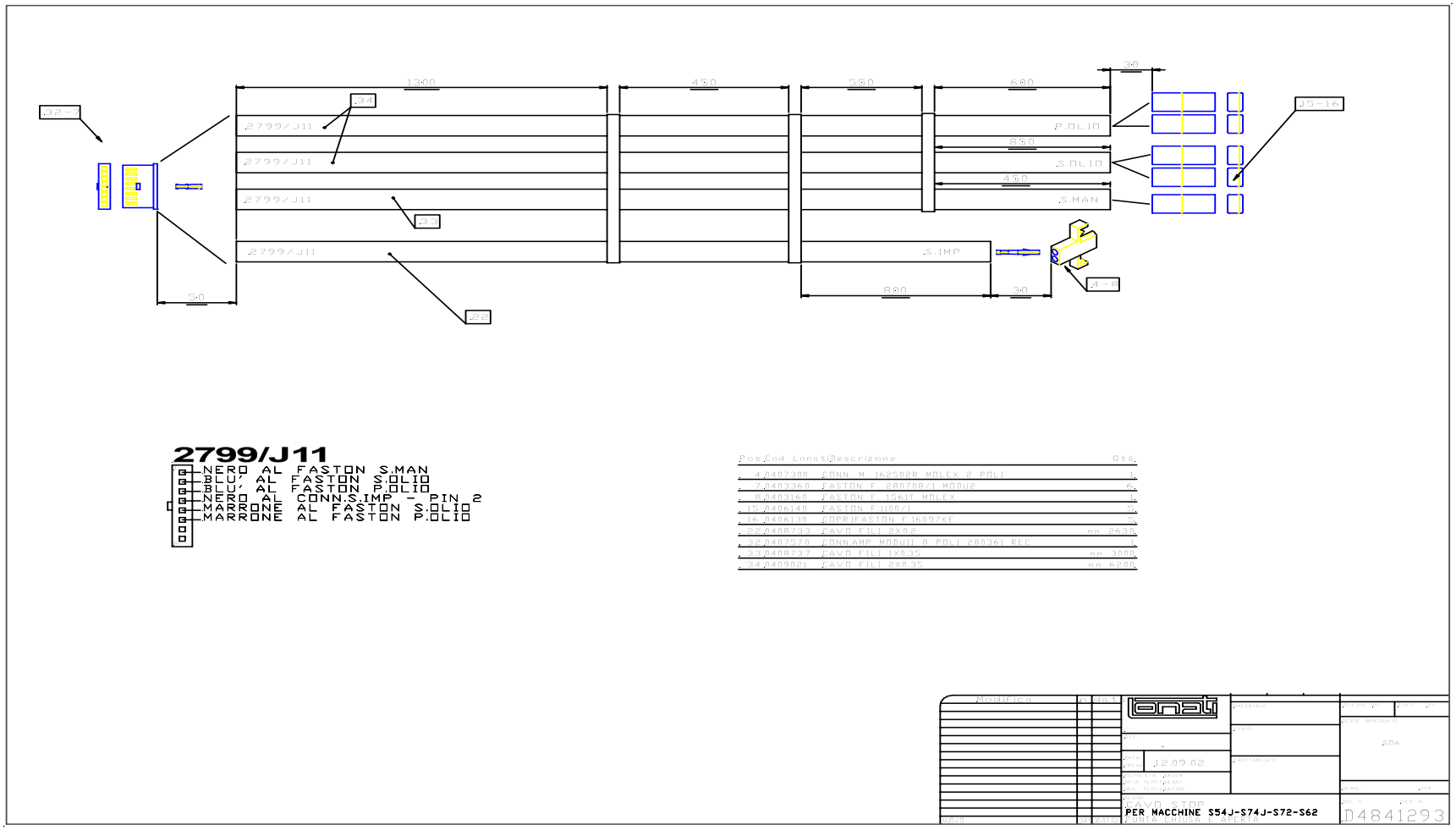
Problems with the light bulb “machine stopped” that is found above in front of the operator. Replace the light bulb and check the connections see page 278 (LS).

Short circuit stop light bulb

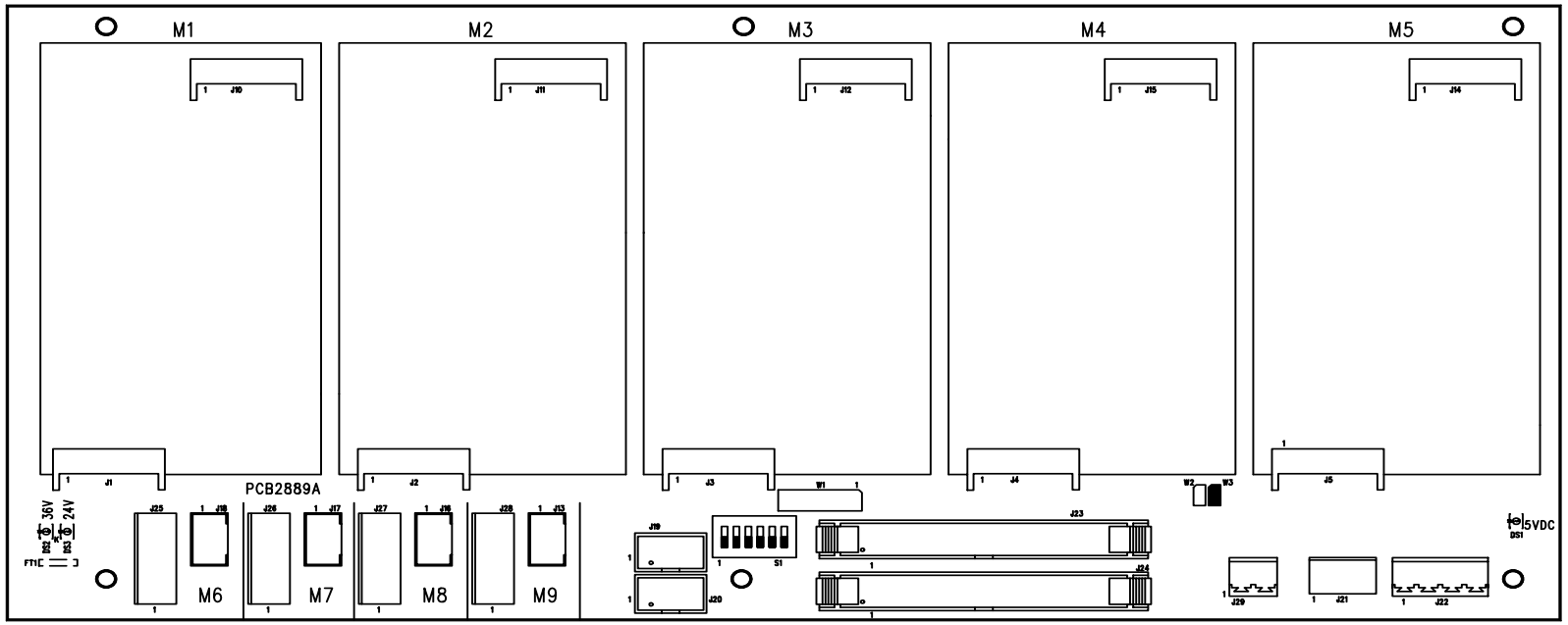
Replace the light bulb and check the connections see page 278 (LS).

CABLE MODIFICATIONS

The position of a few Stops «series S» has been modified: **stop pressure and missing oil, stop structure and stop crank handle**. In the following drawing is shown the new cable with the relative controlled stops. In case of repairing, refer to the new diagram 2799.



VIEW AND CONNECTIONS BOARD PCB 2889A/1



SIGNIFICATO JUMPER SK 2889A/1:	
W1	JUMPER PER LA CONNESSIONE DELL'EMULATORE DEL DSP ADSP-2184
W2-INSERITO	TRASMISSIONE INTERRUPT DIRETTO ALLA SK 2004/1
W2-DISINSERITO	NON E' TRASMESSO INTERRUPT ALLA SK 2004/1
W3-INSERITO	FPGA CONFIGURATA IN MASTER MODE
W3-DISINSERITO	FPGA CONFIGURATA IN SLAVE MODE

SIGNIFICATO LED SK 2889A/1:	
DS1-LED VERDE	PRESENZA +5V PER SK 2755/1
DS2-LED VERDE	PRESENZA +36V PER SK 2755/1
DS3-LED VERDE	PRESENZA +24V PER SK 2755/1
DS4-LED VERDE	LED PILOTATO DALL' USCITA F0 DEL DSP

APP: SOA-CE	CLIENTE: LONATI	FILE: T002_00.SKD
DESCRIZIONE: VISTA JUMPER SCHEDA 2889A/1		
NOTE:		COD.DISEGNO: 027
dinema S.r.l.	REDATTO: Mauro Pellegrini	
	DATA: 20/09/2002	FOGLIO: T002_00

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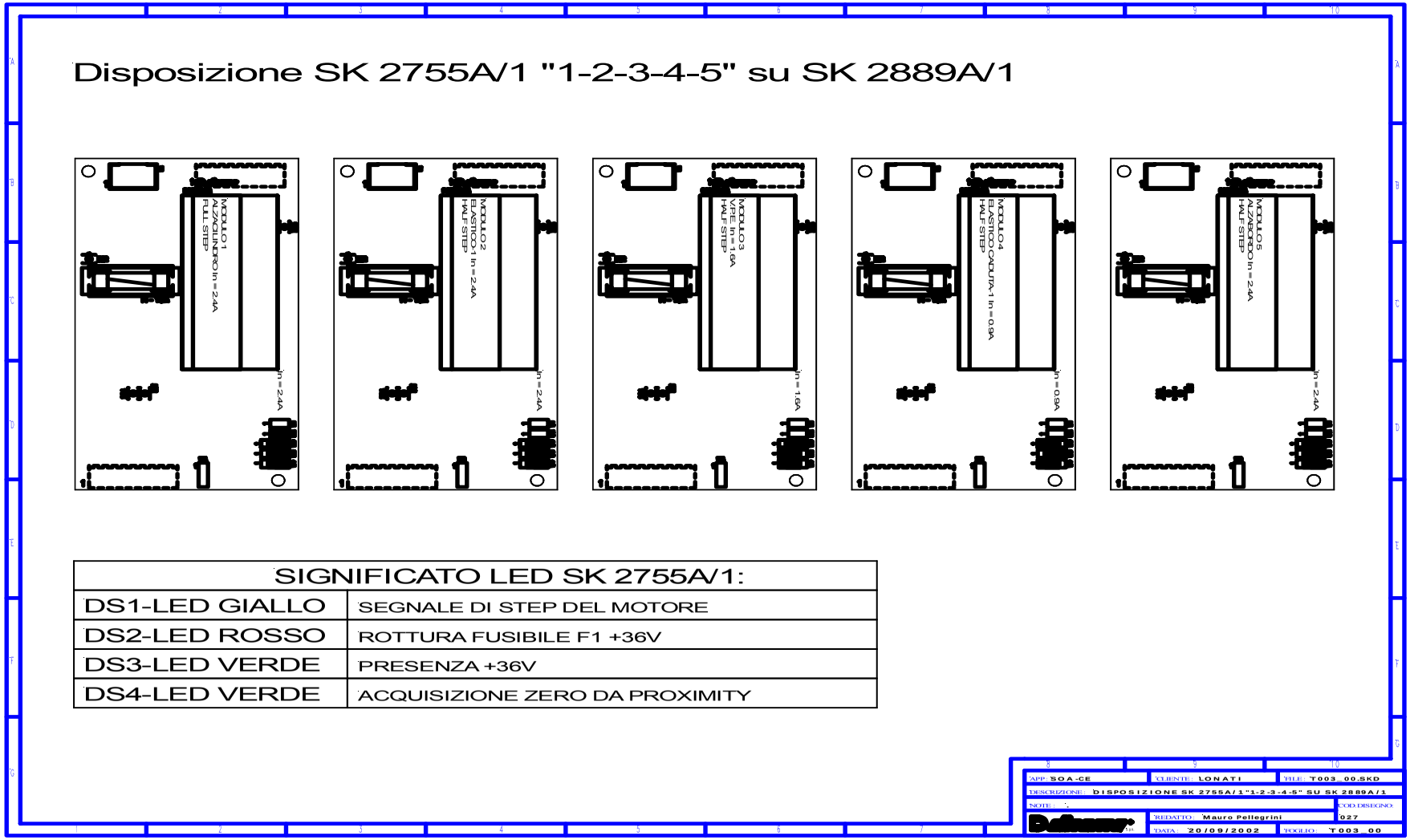
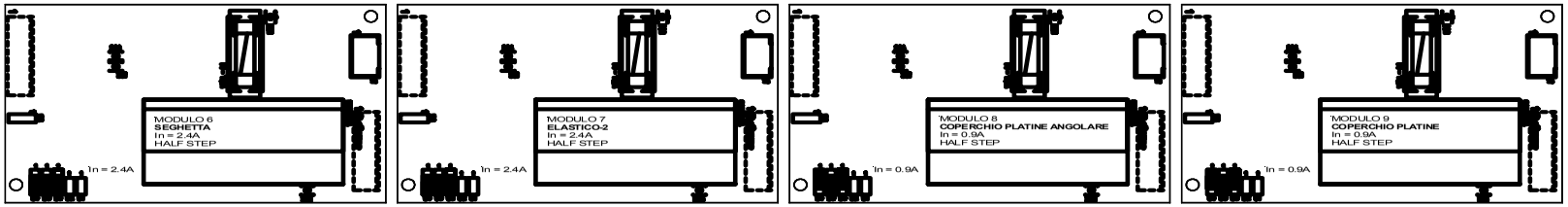
Disposition Boards 2755A/1 “1-2-3-4-5” on 2889A/1



Disposition Boards 2755A/1 “6-7-8-9” “remote” on 2889A/1

Disposizione SK 2755A/1 "6-7-8-9" remotate sulla piastra anteriore!
Le SK 2755A/1 "6-7-8-9" devono essere montate sopra la SK 2889A/1
sfruttando gli 8 inserti filettati previsti; per il fissaggio utilizzare distanziali tipo 18/30 e viti TC 3x6!



SIGNIFICATO LED SK 2755A/1:	
DS1-LED GIALLO	SEGNALE DI STEP DEL MOTORE
DS2-LED ROSSO	ROTTURA FUSIBILE F1 +36V
DS3-LED VERDE	PRESENZA +36V
DS4-LED VERDE	ACQUISIZIONE ZERO DA PROXIMITY

APP.: SOA-CE	CLIENTE: LONATI	FILE: T004_00.SKD
DESCRIZIONE: DISPOSIZIONE SK 2755A/1 "6-7-8-9" REMOTATE		
NOTE:		COD.DISEGNO: 027
Dalmec	REDATTO: Mauro Pellegrini	
	DATA: 20/09/2002	FOGLIO: T004_00

SCHEDA 2889A/1 MODULO 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 4		TERRA
J1	1					SK 2755 "1" CONN. J2 PIN 1		+5V
J1	2					SK 2755 "1" CONN. J2 PIN 2		ENABLE MOTORE 1
J1	3					SK 2755 "1" CONN. J2 PIN 3		STEP MOTORE 1
J1	4					SK 2755 "1" CONN. J2 PIN 4		DIREZIONE MOTORE 1
J1	5					SK 2755 "1" CONN. J2 PIN 5		ZERO MOTORE 1
J1	6					SK 2755 "1" CONN. J2 PIN 6		GND
J10	1					SK 2755 "1" CONN. J3 PIN 1		+36V
J10	2					SK 2755 "1" CONN. J3 PIN 2		+36V
J10	3					SK 2755 "1" CONN. J3 PIN 3		GND
J10	4					SK 2755 "1" CONN. J3 PIN 4		+5V
J10	5					SK 2755 "1" CONN. J3 PIN 5		GND
J10	6					SK 2755 "1" CONN. J3 PIN 6		+24V
J2	1					SK 2755 "2" CONN. J2 PIN 1		+5V
J2	2					SK 2755 "2" CONN. J2 PIN 2		ENABLE MOTORE 2
J2	3					SK 2755 "2" CONN. J2 PIN 3		STEP MOTORE 2
J2	4					SK 2755 "2" CONN. J2 PIN 4		DIREZIONE MOTORE 2
J2	5					SK 2755 "2" CONN. J2 PIN 5		ZERO MOTORE 2
J2	6					SK 2755 "2" CONN. J2 PIN 6		GND
J11	1					SK 2755 "2" CONN. J3 PIN 1		+36V
J11	2					SK 2755 "2" CONN. J3 PIN 2		+36V
J11	3					SK 2755 "2" CONN. J3 PIN 3		GND
J11	4					SK 2755 "2" CONN. J3 PIN 4		+5V
J11	5					SK 2755 "2" CONN. J3 PIN 5		GND
J11	6					SK 2755 "2" CONN. J3 PIN 6		+24V
J3	1					SK 2755 "3" CONN. J2 PIN 1		+5V
J3	2					SK 2755 "3" CONN. J2 PIN 2		ENABLE MOTORE 3
J3	3					SK 2755 "3" CONN. J2 PIN 3		STEP MOTORE 3
J3	4					SK 2755 "3" CONN. J2 PIN 4		DIREZIONE MOTORE 3
J3	5					SK 2755 "3" CONN. J2 PIN 5		ZERO MOTORE 3
J3	6					SK 2755 "3" CONN. J2 PIN 6		GND
J12	1					SK 2755 "3" CONN. J3 PIN 1		+36V
J12	2					SK 2755 "3" CONN. J3 PIN 2		+36V
J12	3					SK 2755 "3" CONN. J3 PIN 3		GND
J12	4					SK 2755 "3" CONN. J3 PIN 4		+5V
J12	5					SK 2755 "3" CONN. J3 PIN 5		GND
J12	6					SK 2755 "3" CONN. J3 PIN 6		+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1					SK 2755 "4" CONN. J2 PIN 1		+5V
J4	2					SK 2755 "4" CONN. J2 PIN 2		ENABLE MOTORE 4
J4	3					SK 2755 "4" CONN. J2 PIN 3		STEP MOTORE 4
J4	4					SK 2755 "4" CONN. J2 PIN 4		DIREZIONE MOTORE 4
J4	5					SK 2755 "4" CONN. J2 PIN 5		ZERO MOTORE 4
J4	6					SK 2755 "4" CONN. J2 PIN 6		GND
J15	1					SK 2755 "4" CONN. J3 PIN 1		+36V
J15	2					SK 2755 "4" CONN. J3 PIN 2		+36V
J15	3					SK 2755 "4" CONN. J3 PIN 3		GND
J15	4					SK 2755 "4" CONN. J3 PIN 4		+5V
J15	5					SK 2755 "4" CONN. J3 PIN 5		GND
J15	6					SK 2755 "4" CONN. J3 PIN 6		+24V
J5	1					SK 2755 "5" CONN. J2 PIN 1		+5V
J5	2					SK 2755 "5" CONN. J2 PIN 2		ENABLE MOTORE 5
J5	3					SK 2755 "5" CONN. J2 PIN 3		STEP MOTORE 5
J5	4					SK 2755 "5" CONN. J2 PIN 4		DIREZIONE MOTORE 5
J5	5					SK 2755 "5" CONN. J2 PIN 5		ZERO MOTORE 5
J5	6					SK 2755 "5" CONN. J2 PIN 6		GND
J14	1					SK 2755 "5" CONN. J3 PIN 1		+36V
J14	2					SK 2755 "5" CONN. J3 PIN 2		+36V
J14	3					SK 2755 "5" CONN. J3 PIN 3		GND
J14	4					SK 2755 "5" CONN. J3 PIN 4		+5V
J14	5					SK 2755 "5" CONN. J3 PIN 5		GND
J14	6					SK 2755 "5" CONN. J3 PIN 6		+24V
J18	1							+5V
J18	2	CBL 0580				SK 2755 "6" CONN. J2 PIN 1		+5V
J18	3	CBL 0580				SK 2755 "6" CONN. J2 PIN 2		ENABLE EX MOTORE 6
J18	4	CBL 0580				SK 2755 "6" CONN. J2 PIN 3		STEP EX MOTORE 6
J18	5	CBL 0580				SK 2755 "6" CONN. J2 PIN 4		DIREZIONE EX MOTORE 6
J18	6	CBL 0580				SK 2755 "6" CONN. J2 PIN 5		ZERO EX MOTORE 6
J18	7	CBL 0580				SK 2755 "6" CONN. J2 PIN 6		GND
J18	8							GND
J25	1	CBL 0580				SK 2755 "6" CONN. J3 PIN 1		+36V
J25	2	CBL 0580				SK 2755 "6" CONN. J3 PIN 2		+36V
J25	3	CBL 0580				SK 2755 "6" CONN. J3 PIN 3		GND
J25	4	CBL 0580				SK 2755 "6" CONN. J3 PIN 4		+5V
J25	5	CBL 0580				SK 2755 "6" CONN. J3 PIN 5		GND
J25	6	CBL 0580				SK 2755 "6" CONN. J3 PIN 6		+24V

FT1 = FASTON 6.3mm J1 = MOLEX 3215C 6 POLI J2 = MOLEX 3215C 6 POLI J3 = MOLEX 3215C 6 POLI J4 = MOLEX 3215C 6 POLI J5 = MOLEX 3215C 6 POLI J18 = MODU2 4X2 POLI
J10 = MOLEX 3215C 6 POLI J11 = MOLEX 3215C 6 POLI J12 = MOLEX 3215C 6 POLI J15 = MOLEX 3215C 6 POLI J14 = MOLEX 3215C 6 POLI J25 = MODU1 6 POLI

App: SOA-CE	**Descrizione: CABLAGGIO SCHEDA 2889A/1**	**Cliente: LONATI**	**Note:**	
	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M005_00.DOC**	**Nome foglio: M005_00**	**Data: 20/09/2002**

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SCHEDA 2889A/1 MODULO 2

CON	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J17	1							+5V
J17	2	CBL 0591				SK 2755 "7" CONN. J2 PIN 1		+5V
J17	3	CBL 0591				SK 2755 "7" CONN. J2 PIN 2		ENABLE EX MOTORE 7
J17	4	CBL 0591				SK 2755 "7" CONN. J2 PIN 3		STEP EX MOTORE 7
J17	5	CBL 0591				SK 2755 "7" CONN. J2 PIN 4		DIREZIONE EX MOTORE
J17	6	CBL 0591				SK 2755 "7" CONN. J2 PIN 5		ZERO EX MOTORE 7
J17	7	CBL 0591				SK 2755 "7" CONN. J2 PIN 6		GND
J17	8							GND
J26	1	CBL 0591				SK 2755 "7" CONN. J3 PIN 1		+36V
J26	2	CBL 0591				SK 2755 "7" CONN. J3 PIN 2		+36V
J26	3	CBL 0591				SK 2755 "7" CONN. J3 PIN 3		GND
J26	4	CBL 0591				SK 2755 "7" CONN. J3 PIN 4		+5V
J26	5	CBL 0591				SK 2755 "7" CONN. J3 PIN 5		GND
J26	6	CBL 0591				SK 2755 "7" CONN. J3 PIN 6		+24V
J16	1							+5V
J16	2	CBL 0592				SK 2755 "8" CONN. J2 PIN 1		+5V
J16	3	CBL 0592				SK 2755 "8" CONN. J2 PIN 2		ENABLE EX MOTORE 8
J16	4	CBL 0592				SK 2755 "8" CONN. J2 PIN 3		STEP EX MOTORE 8
J16	5	CBL 0592				SK 2755 "8" CONN. J2 PIN 4		DIREZIONE EX MOTORE 8
J16	6	CBL 0592				SK 2755 "8" CONN. J2 PIN 5		ZERO EX MOTORE 8
J16	7	CBL 0592				SK 2755 "8" CONN. J2 PIN 6		GND
J16	8							GND
J27	1	CBL 0592				SK 2755 "8" CONN. J3 PIN 1		+36V
J27	2	CBL 0592				SK 2755 "8" CONN. J3 PIN 2		+36V
J27	3	CBL 0592				SK 2755 "8" CONN. J3 PIN 3		GND
J27	4	CBL 0592				SK 2755 "8" CONN. J3 PIN 4		+5V
J27	5	CBL 0592				SK 2755 "8" CONN. J3 PIN 5		GND
J27	6	CBL 0592				SK 2755 "8" CONN. J3 PIN 6		+24V
J13	1							+5V
J13	2	CBL 0592				SK 2755 "9" CONN. J2 PIN 1		+5V
J13	3	CBL 0592				SK 2755 "9" CONN. J2 PIN 2		ENABLE EX MOTORE 9
J13	4	CBL 0592				SK 2755 "9" CONN. J2 PIN 3		STEP EX MOTORE 9
J13	5	CBL 0592				SK 2755 "9" CONN. J2 PIN 4		DIREZIONE EX MOTORE 9
J13	6	CBL 0592				SK 2755 "9" CONN. J2 PIN 5		ZERO EX MOTORE 9
J13	7	CBL 0592				SK 2755 "9" CONN. J2 PIN 6		GND
J13	8							GND

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J28	1	CBL 0592				SK 2755 "9" CONN. J3 PIN 1		+36V
J28	2	CBL 0592				SK 2755 "9" CONN. J3 PIN 2		+36V
J28	3	CBL 0592				SK 2755 "9" CONN. J3 PIN 3		GND
J28	4	CBL 0592				SK 2755 "9" CONN. J3 PIN 4		+5V
J28	5	CBL 0592				SK 2755 "9" CONN. J3 PIN 5		GND
J28	6	CBL 0592				SK 2755 "9" CONN. J3 PIN 6		+24V
J19	1							*PROG_OUT
J19	2							CCLK_OUT
J19	3							DOUT_OUT
J19	4							*INIT
J19	5							DONE
J19	6							GND
J20	1							*PROG_IN
J20	2							CCLK_IN
J20	3							DIN_IN
J20	4							*INIT
J20	5							DONE
J20	6							GND
J21	1			BL	0.75	MORSETTO 2		+24V
J21	2			BL	0.75	MORSETTO 2		+24V
J21	3			BL	0.75	MORSETTO 6		0V
J21	4			BL	0.75	MORSETTO 6		0V
J22	1			BL	1	SK 2751 CONN. J8 PIN 5		+36V
J22	2			BL	1	SK 2751 CONN. J8 PIN 6		+36V
J22	3			BL	1	SK 2751 CONN. J8 PIN 1		0V
J22	4			BL	1	SK 2751 CONN. J8 PIN 2		0V
J29	1			BL	1	SK 2751 CONN. J7 PIN 4		+5V
J29	2			BL	1	SK 2751 CONN. J7 PIN 2		0V

J17 = MODU2 4X2 POLI J16 = MODU2 4X2 POLI J13 = MODU2 4X2 POLI J19 = SEK18 6 POLI J21 = MODU1 4 POLI J29 = SLA 2 POLI
J26 = MODU1 6 POLI J27 = MODU1 6 POLI J28 = MODU1 6 POLI J20 = SEK18 6 POLI J22 = SLA 4 POLI

App: SOA-CE-	**Descrizione: CABLAGGIO SCHEDA 2889A/1**		**Cliente: LONATI**	**Note:**
dinema® S.r.l.	**Redatto: MAURO PELLEGRINI**	**Cod. disegno: 027**	**Nome file: M006_00.DOC**	**Nome foglio: M006_00**	**Data: 20/09/2002**

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SCHEDA 2889A/1 MODULO 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE	CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J23	1	CVP 137				SK 2004 CONN. J3 PIN 1		FASE B	J24	1							FASE B
J23	2	CVP 137				SK 2004 CONN. J3 PIN 2		FASE A	J24	2							FASE A
J23	3	CVP 137				SK 2004 CONN. J3 PIN 3		FASE Z	J24	3							FASE Z
J23	4	CVP 137				SK 2004 CONN. J3 PIN 4		0V	J24	4							0V
J23	5	CVP 137				SK 2004 CONN. J3 PIN 5		DM9	J24	5							DM9
J23	6	CVP 137				SK 2004 CONN. J3 PIN 6		DM8	J24	6							DM8
J23	7	CVP 137				SK 2004 CONN. J3 PIN 7		DM11	J24	7							DM11
J23	8	CVP 137				SK 2004 CONN. J3 PIN 8		DM10	J24	8							DM10
J23	9	CVP 137				SK 2004 CONN. J3 PIN 9		DM13	J24	9							DM13
J23	10	CVP 137				SK 2004 CONN. J3 PIN 10		DM12	J24	10							DM12
J23	11	CVP 137				SK 2004 CONN. J3 PIN 11		DM15	J24	11							DM15
J23	12	CVP 137				SK 2004 CONN. J3 PIN 12		DM14	J24	12							DM14
J23	13	CVP 137				SK 2004 CONN. J3 PIN 13		DM1	J24	13							DM1
J23	14	CVP 137				SK 2004 CONN. J3 PIN 14		DM0	J24	14							DM0
J23	15	CVP 137				SK 2004 CONN. J3 PIN 15		DM3	J24	15							DM3
J23	16	CVP 137				SK 2004 CONN. J3 PIN 16		DM2	J24	16							DM2
J23	17	CVP 137				SK 2004 CONN. J3 PIN 17		DM5	J24	17							DM5
J23	18	CVP 137				SK 2004 CONN. J3 PIN 18		DM4	J24	18							DM4
J23	19	CVP 137				SK 2004 CONN. J3 PIN 19		DM7	J24	19							DM7
J23	20	CVP 137				SK 2004 CONN. J3 PIN 20		DM6	J24	20							DM6
J23	21	CVP 137				SK 2004 CONN. J3 PIN 21		0V	J24	21							0V
J23	22	CVP 137				SK 2004 CONN. J3 PIN 22		*CS_MPP	J24	22							*CS_MPP
J23	23	CVP 137				SK 2004 CONN. J3 PIN 23		+5V	J24	23							+5V
J23	24	CVP 137				SK 2004 CONN. J3 PIN 24		+5V	J24	24							+5V
J23	25	CVP 137				SK 2004 CONN. J3 PIN 25		AM1	J24	25							AM1
J23	26	CVP 137				SK 2004 CONN. J3 PIN 26		AM0	J24	26							AM0
J23	27	CVP 137				SK 2004 CONN. J3 PIN 27		AM3	J24	27							AM3
J23	28	CVP 137				SK 2004 CONN. J3 PIN 28		AM2	J24	28							AM2
J23	29	CVP 137				SK 2004 CONN. J3 PIN 29		AM5	J24	29							AM5
J23	30	CVP 137				SK 2004 CONN. J3 PIN 30		AM4	J24	30							AM4
J23	31	CVP 137				SK 2004 CONN. J3 PIN 31		AM7	J24	31							AM7
J23	32	CVP 137				SK 2004 CONN. J3 PIN 32		AM6	J24	32							AM6
J23	33	CVP 137				SK 2004 CONN. J3 PIN 33		IACKEX	J24	33							IACKEX
J23	34	CVP 137				SK 2004 CONN. J3 PIN 34		0V	J24	34							0V
J23	35	CVP 137				SK 2004 CONN. J3 PIN 35		*WDM	J24	35							*WDM
J23	36	CVP 137				SK 2004 CONN. J3 PIN 36		*RDM	J24	36							*RDM
J23	37	CVP 137				SK 2004 CONN. J3 PIN 37		VBB	J24	37							VBB
J23	38	CVP 137				SK 2004 CONN. J3 PIN 38		*RESE	J24	38							*RESE
J23	39	CVP 137				SK 2004 CONN. J3 PIN 39		R/*WM	J24	39							R/*WM
J23	40	CVP 137				SK 2004 CONN. J3 PIN 40		*IRQ_MPP_EX	J24	40							*IRQ_MPP_EX

J23 = SEK18 40 POLI
J24 = SEK18 40 POLI

App: SOA-CE	**Descrizione: CABLAGGIO SCHEDA 2889A/1**	**Cliente: LONATI**	**Note:**

	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M007_00.DOC**	**Nome foglio: M007_00**	**Data: 20/09/2002**

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SCHEDE 2755A/1 “1-2-3-4” MODULO 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			RO	0.35	MODULO 1 SK 2755 “1"	CONNETTORE “AC” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PAC” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “AC” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PAC” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “AC” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PAC” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “AC” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2889 CONN. J1 PIN 1		+5V
J2	2					SK 2889 CONN. J1 PIN 2		ENABLE EX
J2	3					SK 2889 CONN. J1 PIN 3		STEP EX
J2	4					SK 2889 CONN. J1 PIN 4		DIREZIONE EX
J2	5					SK 2889 CONN. J1 PIN 5		ZERO
J2	6					SK 2889 CONN. J1 PIN 6		GND
J3	1					SK 2889 CONN. J10 PIN 1		+36V
J3	2					SK 2889 CONN. J10 PIN 2		+36V
J3	3					SK 2889 CONN. J10 PIN 3		GND
J3	4					SK 2889 CONN. J10 PIN 4		+5V
J3	5					SK 2889 CONN. J10 PIN 5		GND
J3	6					SK 2889 CONN. J10 PIN 6		+24V
J1	1			RO	0.35	MODULO 2 SK 2755 “2"	CONNETTORE “EL1” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PEL1” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “EL1” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PEL1” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “EL1” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PEL1” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “EL1” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2889 CONN. J2 PIN 1		+5V
J2	2					SK 2889 CONN. J2 PIN 2		ENABLE EX
J2	3					SK 2889 CONN. J2 PIN 3		STEP EX
J2	4					SK 2889 CONN. J2 PIN 4		DIREZIONE EX
J2	5					SK 2889 CONN. J2 PIN 5		ZERO
J2	6					SK 2889 CONN. J2 PIN 6		GND
J3	1					SK 2889 CONN. J11 PIN 1		+36V
J3	2					SK 2889 CONN. J11 PIN 2		+36V
J3	3					SK 2889 CONN. J11 PIN 3		GND
J3	4					SK 2889 CONN. J11 PIN 4		+5V
J3	5					SK 2889 CONN. J11 PIN 5		GND
J3	6					SK 2889 CONN. J11 PIN 6		+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			RO	0.35	MODULO 3 SK 2755 “3"	CONNETTORE “VP” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PVP” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “VP” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PVP” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “VP” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PVP” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “VP” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2889 CONN. J3 PIN 1		+5V
J2	2					SK 2889 CONN. J3 PIN 2		ENABLE EX
J2	3					SK 2889 CONN. J3 PIN 3		STEP EX
J2	4					SK 2889 CONN. J3 PIN 4		DIREZIONE EX
J2	5					SK 2889 CONN. J3 PIN 5		ZERO
J2	6					SK 2889 CONN. J3 PIN 6		GND
J3	1					SK 2889 CONN. J12 PIN 1		+36V
J3	2					SK 2889 CONN. J12 PIN 2		+36V
J3	3					SK 2889 CONN. J12 PIN 3		GND
J3	4					SK 2889 CONN. J12 PIN 4		+5V
J3	5					SK 2889 CONN. J12 PIN 5		GND
J3	6					SK 2889 CONN. J12 PIN 6		+24V
J1	1			RO	0.35	MODULO 4 SK 2755 “4”	CONNETTORE “ELC1” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PELC1” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “ ELC1” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PELC1” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “ ELC1” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PELC1” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “ ELC1” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2889 CONN. J4 PIN 1		+5V
J2	2					SK 2889 CONN. J4 PIN 2		ENABLE EX
J2	3					SK 2889 CONN. J4 PIN 3		STEP EX
J2	4					SK 2889 CONN. J4 PIN 4		DIREZIONE EX
J2	5					SK 2889 CONN. J4 PIN 5		ZERO
J2	6					SK 2889 CONN. J4 PIN 6		GND
J3	1					SK 2889 CONN. J15 PIN 1		+36V
J3	2					SK 2889 CONN. J15 PIN 2		+36V
J3	3					SK 2889 CONN. J15 PIN 3		GND
J3	4					SK 2889 CONN. J15 PIN 4		+5V
J3	5					SK 2889 CONN. J15 PIN 5		GND
J3	6					SK 2889 CONN. J15 PIN 6		+24V

J1 = MODU2 4X2 POLI J2 = MOLEX 5273 6 POLI J3 = MOLEX 5273 6 POLI

App: SOA-CE	Descrizione: CABLAGGI SCHEDE 2755A/1 “1-2-3-4”	Cliente: LONATI	Note:

	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M008_00.DOC	Nome foglio: M008_00	Data: 20/09/2002

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SCHEDE 2755A/1 “5-6-7-8” MODULO 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			RO	0.35	MODULO 5 SK 2755 “5"	CONNETTORE “AB” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PAB” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “AB” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PAB” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “AB” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PAB” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “AB” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1					SK 2889 CONN. J5 PIN 1		+5V
J2	2					SK 2889 CONN. J5 PIN 2		ENABLE EX
J2	3					SK 2889 CONN. J5 PIN 3		STEP EX
J2	4					SK 2889 CONN. J5 PIN 4		DIREZIONE EX
J2	5					SK 2889 CONN. J5 PIN 5		ZERO
J2	6					SK 2889 CONN. J5 PIN 6		GND
J3	1					SK 2889 CONN. J14 PIN 1		+36V
J3	2					SK 2889 CONN. J14 PIN 2		+36V
J3	3					SK 2889 CONN. J14 PIN 3		GND
J3	4					SK 2889 CONN. J14 PIN 4		+5V
J3	5					SK 2889 CONN. J14 PIN 5		GND
J3	6					SK 2889 CONN. J14 PIN 6		+24V
J1	1			RO	0.35	MODULO 6 SK 2755 “6"	CONNETTORE “SE.” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PSE.” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “SE.” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PSE.” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “SE.” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PSE.” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “SE.” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1	CBL 0580				SK 2889 CONN. J18 PIN 2		+5V
J2	2	CBL 0580				SK 2889 CONN. J18 PIN 3		ENABLE EX
J2	3	CBL 0580				SK 2889 CONN. J18 PIN 4		STEP EX
J2	4	CBL 0580				SK 2889 CONN. J18 PIN 5		DIREZIONE EX
J2	5	CBL 0580				SK 2889 CONN. J18 PIN 6		ZERO
J2	6	CBL 0580				SK 2889 CONN. J18 PIN 7		GND
J3	1	CBL 0580				SK 2889 CONN. J25 PIN 1		+36V
J3	2	CBL 0580				SK 2889 CONN. J25 PIN 2		+36V
J3	3	CBL 0580				SK 2889 CONN. J25 PIN 3		GND
J3	4	CBL 0580				SK 2889 CONN. J25 PIN 4		+5V
J3	5	CBL 0580				SK 2889 CONN. J25 PIN 5		GND
J3	6	CBL 0580				SK 2889 CONN. J25 PIN 6		+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			RO	0.35	MODULO 7 SK 2755 “7"	CONNETTORE “EL2” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PEL2” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “EL2” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PEL2” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “EL2” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PEL2” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “EL2” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1	CBL 0591				SK 2889 CONN. J17 PIN 1		+5V
J2	2	CBL 0591				SK 2889 CONN. J17 PIN 2		ENABLE EX
J2	3	CBL 0591				SK 2889 CONN. J17 PIN 3		STEP EX
J2	4	CBL 0591				SK 2889 CONN. J17 PIN 4		DIREZIONE EX
J2	5	CBL 0591				SK 2889 CONN. J17 PIN 5		ZERO
J2	6	CBL 0591				SK 2889 CONN. J17 PIN 6		GND
J3	1	CBL 0591				SK 2889 CONN. J26 PIN 1		+36V
J3	2	CBL 0591				SK 2889 CONN. J26 PIN 2		+36V
J3	3	CBL 0591				SK 2889 CONN. J26 PIN 3		GND
J3	4	CBL 0591				SK 2889 CONN. J26 PIN 4		+5V
J3	5	CBL 0591				SK 2889 CONN. J26 PIN 5		GND
J3	6	CBL 0591				SK 2889 CONN. J26 PIN 6		+24V
J1	1			RO	0.35	MODULO 8 SK 2755 “8"	CONNETTORE “CPA” PIN 1	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PCPA” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “CPA” PIN 2	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PCPA” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “CPA” PIN 3	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PCPA” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “CPA” PIN 4	*FASE B MOTORE
J1	8							0V
J2	1	CBL 0592				SK 2889 CONN. J16 PIN 1		+5V
J2	2	CBL 0592				SK 2889 CONN. J16 PIN 2		ENABLE EX
J2	3	CBL 0592				SK 2889 CONN. J16 PIN 3		STEP EX
J2	4	CBL 0592				SK 2889 CONN. J16 PIN 4		DIREZIONE EX
J2	5	CBL 0592				SK 2889 CONN. J16 PIN 5		ZERO
J2	6	CBL 0592				SK 2889 CONN. J16 PIN 6		GND
J3	1	CBL 0592				SK 2889 CONN. J27 PIN 1		+36V
J3	2	CBL 0592				SK 2889 CONN. J27 PIN 2		+36V
J3	3	CBL 0592				SK 2889 CONN. J27 PIN 3		GND
J3	4	CBL 0592				SK 2889 CONN. J27 PIN 4		+5V
J3	5	CBL 0592				SK 2889 CONN. J27 PIN 5		GND
J3	6	CBL 0592				SK 2889 CONN. J27 PIN 6		+24V

J1 = MODU2 4X2 POLI J2 = MOLEX 5273 6 POLI J3 = MOLEX 5273 6 POLI

App: SOA-CE	Descrizione: CABLAGGI SCHEDE 2755A/1 “5-6-7-8”	Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M009_00.DOC	Nome foglio: M009_00 / Data: 20/09/2002

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SCHEDE 2755A/1 “9” MODULO 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			RO	0.35	MODULO 9 SK 2755 “9”	CONNETTORE “CP” PIN 3	FASE A MOTORE
J1	2			MR	0.20		CONNETTORE “PCP” PIN 3	+24V
J1	3			GI	0.35		CONNETTORE “CP” PIN 4	*FASE A MOTORE
J1	4			NR	0.20		CONNETTORE “PCP” PIN 4	INPUT PROX ZERO
J1	5			NR	0.35		CONNETTORE “CP” PIN 1	FASE B MOTORE
J1	6			BL	0.20		CONNETTORE “PCP” PIN 2	0V
J1	7			AR	0.35		CONNETTORE “CP” PIN 2	*FASE B MOTORE
J1	8							0V
J2	1	CBL 0592				SK 2889 CONN. J13 PIN 1		+5V
J2	2	CBL 0592				SK 2889 CONN. J13 PIN 2		ENABLE EX
J2	3	CBL 0592				SK 2889 CONN. J13 PIN 3		STEP EX
J2	4	CBL 0592				SK 2889 CONN. J13 PIN 4		DIREZIONE EX
J2	5	CBL 0592				SK 2889 CONN. J13 PIN 5		ZERO
J2	6	CBL 0592				SK 2889 CONN. J13 PIN 6		GND
J3	1	CBL 0592				SK 2889 CONN. J28 PIN 1		+36V
J3	2	CBL 0592				SK 2889 CONN. J28 PIN 2		+36V
J3	3	CBL 0592				SK 2889 CONN. J28 PIN 3		GND
J3	4	CBL 0592				SK 2889 CONN. J28 PIN 4		+5V
J3	5	CBL 0592				SK 2889 CONN. J28 PIN 5		GND
J3	6	CBL 0592				SK 2889 CONN. J28 PIN 6		+24V

J1 = MODU2 4X2 POLI J2 = MOLEX 5273 6 POLI J3 = MOLEX 5273 6 POLI

App: SOA-CE-	Descrizione: CABLAGGI SCHEDE 2755A/1 “9”		Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027		Nome file: M010_00.DOC	Nome foglio: M010_00	Data: 20/09/2002

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Connections single module PCB 1799B/1

SCHEDA 1799B/1 MODULO UNICO

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							ENABLE AZION. MANETTINO P1
J1	2							ENABLE AZION. MANETTINO P2
J1	3							INPUT ENABLE MANETTINO
J1	4							0V
J2	1			BL	0.35	PULSANTE DI MARCIA POLO 1		INPUT PULSANTE MARCIA P1
J2	2			BL	0.35	PULSANTE DI MARCIA POLO 2		INPUT PULSANTE MARCIA P2
J2	3			BL	0.35	PULSANTE DI EMERGENZA POLO 3		IINPUT PULSANTE EMERG. P3
J2	4			BL	0.35	PULSANTE DI STOP POLO 2		INPUT PULSANTE STOP P2
J2	5			BL	0.35	LAMPADA GIALLA DS2 POLO 1		LAMPADA STOP "DS2" P1
J2	6			BL	0.35	LAMPADA GIALLA DS2 POLO 2		LAMPADA STOP "DS2" P2
J2	7			BL	0.35	LAMPADA VERDE DS3 POLO 1		LAMPADA MARCIA "DS3" P1
J2	8			BL	0.35	LAMPADA VERDE DS3 POLO 2		LAMPADA MARCIA "DS3" P2
J2	9			BL	0.35	SK 1896 CONN. J4 PIN 5		INPUT MAN. SCT. P1
J2	10			BL	0.35	SK 1896 CONN. J4 PIN 3		INPUT MAN. CONT. P1
J2	11			BL	0.35	SK 1896 CONN. J4 PIN 4		INPUT MAN. SCT. P2
J2	12			BL	0.35	SK 1896 CONN. J4 PIN 2		INPUT MAN. CONT. P2
J3	1							INPUT PULS. MARCIA OPZ. P1
J3	2							INPUT PULS. MARCIA OPZ. P2
J3	3							INPUT PULS. STOP OPZ. P1
J3	4							INPUT PULS. STOP OPZ. P2
J3	5							
J3	6							
J4	1			BL	0.35	SK 2004 CONN. J28 PIN 1		MANSCT
J4	2			BL	0.35	SK 2004 CONN. J28 PIN 2		MANCONT
J4	3			BL	0.35	SK 2004 CONN. J28 PIN 3		TMECC
J4	4			BL	0.35	SK 2004 CONN. J28 PIN 4		MIC. CART. OPEN
J4	5			BL	0.35	SK 2004 CONN. J28 PIN 5		PMP
J4	6							COM. MAN. 565
J5	1							MANSCT
J5	2							MANCONT
J5	3							TMECC
J5	4			BL	0.35	SK 1799 CONN. J5 PIN 5		INPUT RELE 937 P1
J5	5			BL	0.35	SK 1799 CONN. J5 PIN 4		INPUT RELE 937 P2
J5	6							COM. MAN. 565

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	1							N.C.
J6	2			BL	0.35	SK 2832 CONN. J1 PIN 3		TELERUUTORE DI MARCIA POLO +
J6	3			BL	0.35	SK 2832 CONN. J1 PIN 5		TELERUTTORE DI MARCIA POLO -
J6	4			BL	0.35	MORSETTO 7		0V
J6	5			BL	0.35	SK 2832 CONN. J1 PIN 1		CONTATTO N.O. TM
J6	6			BL	0.35	SK 2832 CONN. J1 PIN 7		CONTATTO COM. TM
J7	1			BL	0.25		CON. "M.CARTER" PIN 1	INPUT MICR. CAR. OPEN
J7	2			MR	0.25		CON. "M.CARTER" PIN 2	0V
J8	1			BL	0.35	SK 2004 CONN. J25 PIN 1		ENABLE MARCIA
J8	2			BL	0.35	SK 2004 CONN. J25 PIN 4		0V
J9	1			BL	0.35	MORSETTO 7		0V
J9	2			BL	0.35	MORSETTO 7		0V
J9	3			BL	0.35	MORSETTO 3		+24V
J9	4			BL	0.35	MORSETTO 3		+24V
J10	1							OUT MC IN MANOVELLA
J10	2							0V
J11	1							OUT ERRORE PLATORELLO
J11	2							ENABLE ALIMENTAZIONE
J11	3							INPUT SELETTORE CHIAVE MANUTEN.
J11	4							0V
J12	1							+24V
J12	2							OUT PROXIMITY
J12	3							OUT PROXIMITY
J12	4							0V
FT1				GV	2.5	ALLA BARRA DI TERRA "1" VITE 3		TERRA

J1 =MODU2 4 POLI
J2 =MODU2 12 POLI
J3 =MODU2 6 POLI
J4 =MODU2 6 POLI
J5 =MODU2 6 POLI
J6 =MODU2 6 POLI
J7 =MODU2 2 POLI
J8 =MODU2 2 POLI
J9 =MODU2 4 POLI
J10 =MODU2 2 POLI
J11 =MODU2 4 POLI
J12 =MODU2 4 POLI
FT1 = FASTON 6.3mm

App: SOA-CE	Descrizione: CABLAGGI SCHEDA 1799B/1	Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome foglio: M011_00	Data: 20/09/2002

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Connections board PCB 2799/1

SCHEDA 2799/1 MODULO 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							INP 16 SCORTA (INPUT 16)
J1	2							INP 1 SCORTA (INPUT 1)
J1	3							INP 15 SCORTA (INPUT 15)
J1	4							INP 2 SCORTA (INPUT 2)
J1	5							INP 14 SCORTA (INPUT 14)
J1	6							INP 3 SCORTA (INPUT 3)
J1	7							INP 13 SCORTA (INPUT 13)
J1	8							INP 4 SCORTA (INPUT 4)
J1	9							INP 12 SCORTA (INPUT 12)
J1	10							INP 5 SCORTA (INPUT 5)
J1	11							INP 11 SCORTA (INPUT 11)
J1	12							INP 6 SCORTA (INPUT 6)
J1	13							INP 10 SCORTA (INPUT 10)
J1	14							INP 7 SCORTA (INPUT 7)
J1	15							INP 9 SCORTA (INPUT 9)
J1	16							INP 8 SCORTA (INPUT 8)
J2	1					SK 1881 CONN. J3 PIN 1		*CE1SPI
J2	2					SK 1881 CONN. J3 PIN 2		0V
J2	3					SK 1881 CONN. J3 PIN 3		CKSPI
J2	4					SK 1881 CONN. J3 PIN 4		0V
J2	5					SK 1881 CONN. J3 PIN 5		SPIOUT1
J2	6					SK 1881 CONN. J3 PIN 6		0V
J2	7					SK 1881 CONN. J3 PIN 7		SPIOUT
J2	8					SK 1881 CONN. J3 PIN 8		0V
J2	9					SK 1881 CONN. J3 PIN 9		*RESETSPI
J2	10					SK 1881 CONN. J3 PIN 10		0V
J2	11					SK 1881 CONN. J3 PIN 11		+24V
J2	12					SK 1881 CONN. J3 PIN 12		+24V
J2	13					SK 1881 CONN. J3 PIN 13		+24V
J2	14					SK 1881 CONN. J3 PIN 14		+24V
J2	15					SK 1881 CONN. J3 PIN 15		+24V
J2	16					SK 1881 CONN. J3 PIN 16		+24V
J4	1			BL	0.75	MORSETTO 2		+24V
J4	2			BL	0.75	MORSETTO 2		+24V
J4	3			BL	0.75	MORSETTO 6		0V
J4	4			BL	0.75	MORSETTO 6		0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J5	1	CVP 091				SK 2004 CONN. J12 PIN 1		0V
J5	2	CVP 091				SK 2004 CONN. J12 PIN 2		CKSPI
J5	3	CVP 091				SK 2004 CONN. J12 PIN 3		0V
J5	4	CVP 091				SK 2004 CONN. J12 PIN 4		SOUTSPI
J5	5	CVP 091				SK 2004 CONN. J12 PIN 5		0V
J5	6	CVP 091				SK 2004 CONN. J12 PIN 6		*RESETSPI
J5	7	CVP 091				SK 2004 CONN. J12 PIN 7		0V
J5	8	CVP 091				SK 2004 CONN. J12 PIN 8		*CE1SPI
J5	9	CVP 091				SK 2004 CONN. J12 PIN 8		0V
J5	10	CVP 091				SK 2004 CONN. J12 PIN 10		*CE2SPI
J5	11	CVP 091				SK 2004 CONN. J12 PIN 11		0V
J5	12	CVP 091				SK 2004 CONN. J12 PIN 12		SINSPI
J5	13	CVP 091				SK 2004 CONN. J12 PIN 12		0V
J5	14	CVP 091				SK 2004 CONN. J12 PIN 14		0V
J6	1	CBL 406				SK 2703 CONN. J12 PIN 1		CKSPI+
J6	2	CBL 406				SK 2703 CONN. J12 PIN 2		CKSPI-
J6	3	CBL 406				SK 2703 CONN. J12 PIN 3		SIAPPSPI+
J6	4	CBL 406				SK 2703 CONN. J12 PIN 4		SIAPPSPI-
J6	5	CBL 406				SK 2703 CONN. J12 PIN 5		SOUTSPI+
J6	6	CBL 406				SK 2703 CONN. J12 PIN 6		SOUTSPI-
J6	7	CBL 406				SK 2703 CONN. J12 PIN 7		*CE1SPI+
J6	8	CBL 406				SK 2703 CONN. J12 PIN 8		*CE1SPI-
J6	9	CBL 406				SK 2703 CONN. J12 PIN 9		*CE2SPI+
J6	10	CBL 406				SK 2703 CONN. J12 PIN 10		*CE2SPI-
J6	11	CBL 406				SK 2703 CONN. J12 PIN 11		*RESETSPI+
J6	12	CBL 406				SK 2703 CONN. J12 PIN 12		*RESETSPI-
J6	13	CBL 406				SCHERMO		0V
J6	14	CBL 406				SCHERMO		0V
J6	15	CBL 406				SCHERMO		0V

J1 = MODU2 8X2 POLI J4 = MODU1 4 POLI J6 = VASCHETTA 15 POLI
J2 = MODU2 8X2 POLI J5 = SEK18 14 POLI

App: SOA-CE	Descrizione: CABLAGGI SCHEDA 2799/1	Cliente: LONATI	Note:	
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M012_00.DOC	Nome foglio: M012_00	Data: 20/09/2002

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SCHEDA 2799/1 MODULO 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE	CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J7	1							OUT 16 (Motore Hepp cad.1)	J9	11							OUT 1
J7	2							+24V	J9	12							INPUT 25
J7	3							OUT 15 (Motore Hepp cad.2)	J9	13							0V
J7	4							+24V	J9	14							0V
J7	5							OUT 14 (Motore Hepp cad.3)	J9	15							0V
J7	6							+24V	J9	16							0V
J7	7							OUT 13 (Motore Hepp cad.4)									
J7	8							+24V	J10	1			NR	0.20		CONNETTORE SC1 PIN 3	INPUT 24 (Tensionatori lycra cad.1)
J7	9							OUT 12 (Lampada DSK - Optional)	J10	2			NR	0.20		CONNETTORE SC2 PIN 3	INPUT 23 (Tensionatori lycra cad.2)
J7	10							+24V	J10	3			NR	0.20		CONNETTORE SC3 PIN 3	INPUT 22 (Tensionatori lycra cad.3)
J7	11							OUT 11 (Lampada LCD - Optional)	J10	4			NR	0.20		CONNETTORE SC4 PIN 3	INPUT 21 (Tensionatori lycra cad.4)
J7	12							+24V									
J7	13							OUT 10 (Incremento motori Hepp)	J11	1			BL	0.35		FASTON S. MAN	INPUT 20 (Stop manovella)
J7	14							+24V	J11	2			BL	0.35		FASTON S. OLIO	INPUT 19 (Stop mancanza olio)
J7	15							OUT 9 (Decremento motori Hepp)	J11	3			BL	0.35		FASTON P. OLIO	INPUT 18 (Stop pressione olio)
J7	16							+24V	J11	4				0.35		CONN.STOP IMP.	INPUT 17(Stop impalcatura)
									J11	5			NR	0.35		FASTON S. OLIO	0V (0 VDC Stop mancanza olio)
J8	1			RO	0.20		CONN. “VENTOLA” PIN 5	+24V (+24 VDC ventola)	J11	6			NR	0.35		FASTON P. OLIO	0V (0 VDC Stop pressione olio)
J8	2			MR	0,35		CONN. LS pin 1	+24V (LAMPADA STOP ALTA)	J11	7							0V
J8	3							+24V	J11	8							0V
J8	4							+24V									
J8	5			MR	0.20		CONN. “VENTOLA” PIN 6	OUT 8 (Uscita ventola)	J12	1			BL	0.20		CONN. SC1 PIN 1	0V (0 VDC Tensionatori lycra cad.1)
J8	6			BI	0.20		CONN. “VENTOLA” PIN 7	INPUT 32 (Termico ventola)	J12	2			MR	0.20		CONN. SC1 PIN 2	+24V (+24 VDC Tensionatori lycra cad.1)
J8	7			BL			CONN. LS pin 2	OUT 7 (LAMPADA STOP ALTA)	J12	3			BL	0.20		CONN. SC2 PIN 1	0V (0 VDC Tensionatori lycra cad.2)
J8	8			NR	0.20		CONN. “SA” PIN 1	INPUT 31 (Stop avvolgitori)	J12	4			MR	0.20		CONN. SC2 PIN 2	+24V (+24 VDC Tensionatori lycra cad.2)
J8	9							OUT 6 (Uscita per Dacsy)	J12	5			BL	0.20		CONN. SC3 PIN 1	0V (0 VDC Tensionatori lycra cad.3)
J8	10							INPUT 30	J12	6			MR	0.20		CONN. SC3 PIN 2	+24V (+24 VDC Tensionatori lycra cad.3)
J8	11							OUT 5 (Errore scorr. per Dacsy)	J12	7			BL	0.20		CONN. SC4 PIN 1	0V (0 VDC Tensionatori lycra cad.4)
J8	12							INPUT 29 (Errore motori Hepp)	J12	8			MR	0.20		CONN. SC4 PIN 2	+24V (+24 VDC Tensionatori lycra cad.4)
J8	13							0V									
J8	14							0V	J13	1							0V
J8	15			BL	0.20		CONN. “VENTOLA” PIN 8	0V (0 VDC ventola)	J13	2							+24V
J8	16			BL	0.35		CONN. “SA” PIN 2	0V (+24 VDC avvolgitori)	J13	3							0V
									J13	4							+24V
J9	1							+24V	J13	5							0V
J9	2							+24V	J13	6							+24V
J9	3							+24V	J13	7							0V
J9	4							+24V	J13	8							+24V
J9	5							OUT 4									
J9	6							INPUT 28									
J9	7							OUT 3									
J9	8							INPUT 27									
J9	9							OUT 2									
J9	10							INPUT 26									

J7 = MODU2 8X2 POLI J9 = MODU2 8X2 POLI J11 = MODU2 8 POLI J13 = MODU2 4X2 POLI
J8 = MODU2 8X2 POLI J10 = MODU2 4 POLI J12 = MODU2 4X2 POLI

App: SOA-CE	**Descrizione: CABLAGGI SCHEDA 2799/1**	**Cliente: LONATI**	**Note: I motori Hepp sono utilizzati solo dalle FL54J - OT/CT**

	Redatto: MAURO PELLEGRINI	**Cod. disegno: 027**	**Nome file: M013_00.DOC**	**Nome foglio: M013_00**	**Data: 20/09/2002**

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SCHEDA 2703 MODULO 1

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1							+24V
J1	2							+24V
J1	3							+24V
J1	4							+24V
J1	5							0V
J1	6							0V
J1	7							0V
J1	8							0V
J2	1		J21	MR	1		PCB 1882 J2 PIN 1 BARRA 8	+24V
J2	2							+24V
J2	3							+24V
J2	4		J24	MR	1		PCB 1882 J19 PIN 1 BARRA 2	CHECK 1
J2	5							CHECK 2
J2	6		J26	BL	1		PCB 1882 J19 PIN 2 BARRA 2	0V
J2	7							0V
J2	8		J28	BL	1		PCB 1882 J2 PIN 2 BARRA 8	0V
J3	1							0V
J3	2							+24V
J3	3							0V
J3	4							+24V
J3	5							0V
J3	6							+24V
J3	7							0V
J3	8							+24V
J4	1							0V
J4	2							+24V
J4	3							0V
J4	4							+24V
J4	5							0V
J4	6							+24V
J4	7							0V
J4	8							+24V
J5	1						AL CONNETTORE "SEG" pin 2	0V
J5	2						AL CONNETTORE "SEG" pin 3	+24V
J5	3						AL CONNETTORE "PX.ANT" pin 4	0V
J5	4						AL CONNETTORE "PX.ANT" pin 1	+24V
J5	5						AL CONNETTORE "PX.POS" pin 4	0V
J5	6						AL CONNETTORE "PX.ANT" pin 1	+24V
J5	7							0V
J5	8							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J6	1			BL	0.2		R.TAL.	INPUT 81 – STOP RECUPERA FILO TALLONE
J6	2			NR	0.2		EL1	INPUT 96 – STOP ELASTICO 1
J6	3			MR	0.2		P.OLIO	INPUT 82 – STOP PRESSIONE OLIO
J6	4			VI	0.2		AGHI/TALL	INPUT 95 – STOP AGHI IN TALLONE
J6	5			VE	0.2		S.IMP.	INPUT 83 – STOP IMPALCATURA
J6	6			BL	0.2		COLT 1	INPUT 94 – STOP PULIZIA COLTELLINO 1
J6	7			BL	0.2		S.ARIA	INPUT 84 – STOP MANCANZA ARIA
J6	8			BL	0.2		COLT 2	INPUT 93 – STOP PUL. COLT 2 (NON USATO)
J6	9			BL	0.2		SEG.	INPUT 85 – STOP CONTROLLO SGANCIO SEGHETTA
J6	10			BL	0.2		S.MAN	INPUT 92 – STOP MANOVELLA
J6	11			BL	0.2		PX ANT	INPUT 86 – STOP PROXIMITY ANTERIORE
J6	12			BL	0.2		S.CAMPANA	INPUT 91 – STOP CAMPANA APERTA
J6	13			BL	0.2		PX POS	INPUT 87 – STOP PROXIMITY POSTERIORE
J6	14			BL	0.2		S.OLIO	INPUT 90 – STOP MANCANZA OLIO
J6	15			BL	0.2		BORDO	INPUT 88 – STOP CONTROLLO BORDO 1
J6	16			BL	0.2		BORDO	INPUT 89 – STOP CONTROLLO BORDO 2
J7	1			GR	0.2		CAPICORDA STOP 1M	INPUT 65 – STOP ALZA SELETTORINI RITORNO TALLONE
J7	2			VI	0.2		CAPICORDA STOP 2M	INPUT 80 – STOP PUNTO TRATTENUTO CADUTA 2
J7	3			BI	0.2		CAPICORDA STOP 3M	INPUT 66 – STOP PUNTO SCARICATO CADUTA 2
J7	4			MR	0.2		CAPICORDA STOP 4M	INPUT 79 – STOP TRIANGOLO MAGLIA CADUTA 2
J7	5			NR	0.2		CAPICORDA STOP 5M	INPUT 67 – STOP ABBASSA AGHI USCITA TALLONE
J7	6			VE	0.2		CAPICORDA STOP 6M	INPUT 78 –.STOP APRI PALETTE SCARICO BORDO
J7	7			GI	0.2		CAPICORDA STOP 7M	INPUT 68 – STOP ABBASSA AGHI SCARICO BORDO
J7	8			BL	0.2		CAPICORDA STOP 8M	INPUT 77 – STOP ALZA AGHI ENTRATA TALLONE
J7	9			GR	0.2		CAPICORDA STOP 9M	INPUT 69 – STOP PUNTO SCARICATO CADUTA 1
J7	10			VI	0.2		CAPICORDA STOP 10M	INPUT 76 – STOP PUNTO TRATTENUTO CADUTA 1
J7	11			BI	0.2		CAPICORDA STOP 11M	INPUT 70 – STOP ALZA SELETTORINI ANDATA TALLONE
J7	12			MR	0.2		CAPICORDA STOP 12M	INPUT 75 – STOP TRIANGOLO MAGLIA RITOR. TALLONE
J7	13			NR	0.2		CAPICORDA STOP 13M	INPUT 71 – STOP CAM SOLETTA RINFORZATA
J7	14			VE	0.2		CAPICORDA STOP 14M	INPUT 74 – STOP
J7	15			GI	0.2		CAPICORDA STOP 15M	INPUT 72 – STOP
J7	16			BL	0.2		CAPICORDA STOP 16M	INPUT 73 – STOP

J3 = SEK18 40 POLI J5 = MODU2 2 POLI J7 = MODU2 8X2 POLI
J4 = MODU2 9X2 POLI J6 = MODU2 4 POLI

App: SOA-CE-WAC-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina S 624 colori
dinema S.r.l.	Cod. disegno: 027	Nome file: N001_00.DOC	Nome foglio: N001_00 / Data: 22-01-2002

SCHEDA 2703 MODULO 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO	CABLAGGIO CLIENTE	DESCRIZIONE
J8	1			VI	0.2			INPUT 49
J8	2			AR	0.2			INPUT 64
J8	3			BI	0.2			INPUT 50
J8	4			GI	0.2			INPUT 63
J8	5			NR	0.2			INPUT 51
J8	6			BL	0.2			INPUT 62
J8	7			RO	0.2		FASTON STOP 1U	INPUT 52 – STOP LINGUETTE 1
J8	8			VE	0.2		FASTON STOP 2U	INPUT 61 – STOP LINGUETTE 2
J8	9			RS	0.2		FASTON STOP 3U	INPUT 53 – STOP AGHI POSTERIORE
J8	10			MR	0.2		FASTON STOP 4U	INPUT 60 – STOP SCATOLINE
J8	11			GR	0.2		FASTON STOP SELETT. ELAST.	INPUT 54 – STOP ROTTURA SELET EL NON USATO)
J8	12			BL	0.2		CAPICORDA STOP 1L	INPUT 59 – STOP ESTAZIONE SELETTORI TAMB. 1
J8	13			RO	0.2		CAPICORDA STOP 2L	INPUT 55 – STOP ESTAZIONE SELETTORI TAMB. 2
J8	14			NR	0.2		CAPICORDA STOP 3L	INPUT 58 – STOP ESTAZIONE SELETTORI TAMB. 3
J8	15			VE	0.2		CAPICORDA STOP 4L	INPUT 56 – STOP ESTAZIONE SELETTORI TAMB. 4
J8	16			GI	0.2		CAPICORDA STOP 5L	INPUT 57 – STOP ESTAZIONE SELETTORI TAMB. 5
J9	1				0.2			INPUT 33 –
J9	2				0.2			INPUT 48 –
J9	3							INPUT 34
J9	4							INPUT 47
J9	5				0.2			INPUT 35 –
J9	6				0.2			INPUT 46 –
J9	7				0.2			INPUT 36 –
J9	8				0.2			INPUT 45 –
J9	9				0.2			INPUT 37 –
J9	10				0.2			INPUT 44 –
J9	11				0.2			INPUT 38 –
J9	12				0.2			INPUT 43 –
J9	13				0.2			INPUT 39 –
J9	14				0.2			INPUT 42 –
J9	15				0.2			INPUT 40 –
J9	16				0.2			INPUT 41 –

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J10	1				0.2		CONNETTORE S.IMP	0V --STOP IMPALCATURA
J10	2				0.2		CAPICORDA S .ARIA	0V – STOP MANCANZA ARIA
J10	3				0.2		FASTON CAMPANA	0V –STOP CAMPANA APERTA
J10	4				0.2		FASTON P.OLIO	0V --STOP PRESS. OLIO
J10	5				0.2		FASTON S.OLIO	0V --STOP MANC. OLIO
J10	6				0.2		CAPICORDA R.TAL	0V – STOP RITORNO TALLONE
J10	7				0.2		CONNETTORE "BORDO"	0V-- CONTROLLO BORDO
J10	8							0V
J10	9							0V
J10	10							0V
J10	11							0V
J10	12							0V
J10	13							0V
J10	14							0V
J10	15							0V
J10	16							0V
J11	1			BL	0.75	SK 2751 CONN. J1 PIN 1 - 2		+24V
J11	2			BL	0.75	SK 2751 CONN. J1 PIN 3		CHECK24V
J11	3							0V
J11	4			BL	0.75	SK 2751 CONN. J1 PIN 5 - 6		0V
J12	1	CBL406				SK 1888 CONN. J6 PIN 1		CLK + RS 422
J12	2	CBL406				SK 1888 CONN. J6 PIN 2		CLK – RS 422
J12	3	CBL406				SK 1888 CONN. J6 PIN 3		SO + RS 422
J12	4	CBL406				SK 1888 CONN. J6 PIN 4		SO – RS 422
J12	5	CBL406				SK 1888 CONN. J6 PIN 5		SI + RS 422
J12	6	CBL406				SK 1888 CONN. J6 PIN 6		SI – RS 422
J12	7	CBL406				SK 1888 CONN. J6 PIN 7		CE1 + RS 422
J12	8	CBL406				SK 1888 CONN. J6 PIN 8		CE1 – RS 422
J12	9	CBL406				SK 1888 CONN. J6 PIN 9		CE2 + RS 422
J12	10	CBL406				SK 1888 CONN. J6 PIN 10		CE2 – RS 422
J12	11	CBL406				SK 1888 CONN. J6 PIN 11		RES + RS 422
J12	12	CBL406				SK 1888 CONN. J6 PIN 12		RES – RS 422
J12	13	CBL406						0V
J12	14	CBL406						0V
J12	15	CBL406						0V

J8 = MODU2 8X2 POLI J10 = MODU2 8X2 POLI J12 = VASCHETTA 15 POLI
J9 = MODU2 8X2 POLI J11 = BLA 4 POLI

App: SOA-CE- WAC-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina S 624 colori

dinema® S.r.L.		Cod. disegno: 027	Nome file: N002_00.DOC	Nome foglio: N002_00	Data: 22-01-2002

SCHEDA 2703 MODULO 3

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J13	1			BI	0.2		PCB 1882 J1 PIN 1 BARRA 8	/CEOUT
J13	2			BL	0.2		PCB 1882 J1 PIN 2 BARRA 8	+24V
J13	3			GI	0.2		PCB 1882 J1 PIN 3 BARRA 8	CKOUT
J13	4			MR	0.2		PCB 1882 J1 PIN 4 BARRA 8	0V
J13	5			GR	0.2		PCB 1882 J1 PIN 5 BARRA 8	SIOUT
J13	6			VI	0.2		PCB 1882 J1 PIN 6 BARRA 8	0V
J13	7			VE	0.2		PCB 1882 J1 PIN 7 BARRA 8	SOUT
J13	8			NR	0.2		PCB 1882 J1 PIN 8 BARRA 8	/RESOUT
J19	1				0.2			0V – NON USATO
J19	2				0.2			+24V – NON USATO
J19	3				0.2			0V – NON USATO
J19	4				0.2			+24V – NON USATO
J19	5				0.2			0V – NON USATO
J19	6				0.2			+24V – NON USATO
J19	7				0.2			0V –
J19	8				0.2			+24V –
J20	1				0.2			0V – NON USATO
J20	2				0.2			+24V – NON USATO
J20	3				0.2			0V – NON USATO
J20	4				0.2			+24V – NON USATO
J20	5				0.2			0V – NON USATO
J20	6				0.2			+24V – NON USATO
J20	7				0.2			0V – NON USATO
J20	8				0.2			+24V – NON USATO
J21	1							0V
J21	2							+24V
J21	3							0V –
J21	4							+24V –
J21	5							0V –
J21	6							+24V –
J21	7							0V
J21	8							+24V
J22	1							+24V
J22	2							+24V
J22	3							+24V
J22	4							+24V
J22	5							0V
J22	6							0V
J22	7							0V
J22	8							0V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTTE	DESCRIZIONE
J23	1							+24V
J23	2							+24V
J23	3							+24V
J23	4							+24V
J23	5							0V
J23	6							0V
J23	7							0V
J23	8							0V

J13 = MODU2 4X2 POLI J20 = MODU2 4X2 POLI J22 = MODU1 8 POLI
J19 = MODU2 4X2 POLI J21 = MODU2 4X2 POLI J23 = MODU1 8 POLI

App: SOA-CE- WAC-V.1	Descrizione: CABLAGGI SCHEDA 2703	Cliente: LONATI	Note: Per macchina S 624 colori

dinema® S.r.l.	Redatto	Cod. disegno: 027	Nome file: N003_00.DOC	Nome foglio: N003_00	Data: 22-01-2002

CONNECTIONS PCB 1882 **S 624 colours**

SCHEDA 1882 – BARRA 8

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 2703 J13 PIN 1	/CEOUT
J1	2			BL	0,35		PCB 2703 J13 PIN 2	+24V
J1	3			GI	0,35		PCB 2703 J13 PIN 3	CKOUT
J1	4			MR	0,35		PCB 2703 J13 PIN 4	0V
J1	5			GR	0,35		PCB 2703 J13 PIN 5	SIOUT
J1	6			VI	0,35		PCB 2703 J13 PIN 6	0V
J1	7			VE	0,35		PCB 2703 J13 PIN 7	SOUT
J1	8			NR	0,35		PCB 2703 J13 PIN 8	/RESOUT
J2	1			MR	1		PCB 2703 J2 PIN 1	+24V
J2	2			BL	1		PCB 2703 J2 PIN 8	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 7)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 7)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 7)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 7)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 7)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 7)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 7)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 7)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 7)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 7)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		RECUPERA FILO TALLONE 1	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE RECUPERA FILO TALLONE 1	+24V – EV 1 POLO POSITIVO
J9		RECUPERA FILO TALLONE 2	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE RECUPERA FILO TALLONE 2	+24V – EV 2 POLO POSITIVO
J8		RECUPERA FILO TALLONE 3	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE RECUPERA FILO TALLONE 3	+24V – EV 3 POLO POSITIVO
J7		RECUPERA FILO TALLONE 4	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE RECUPERA FILO TALLONE 4	+24V – EV 4 POLO POSITIVO
J6		USCITA UNCINI 1	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE USCITA UNCINI 1	+24V – EV 5 POLO POSITIVO
J5		USCITA UNCINI 2	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE USCITA UNCINI 2	+24V – EV 6 POLO POSITIVO
J4		ENTRATA UNCINI 1	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ENTRATA UNCINI 1	+24V – EV 7 POLO POSITIVO
J3		ENTRATA UNCINI 2	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE ENTRATA UNCINI 2	+24V – EV 8 POLO POSITIVO
J24		LEVA MEZZA SPUGNA CIL. CADUTA 2	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE LEVA MEZZA SPUGNA CIL. CADUTA 2	+24V – EV 9 POLO POSITIVO
J25		LEVA SPUGNA CADUTA 2	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE LEVA SPUGNA CADUTA 2	+24V – EV 10 POLO POSITIVO
J26		ESTRAZIONE PLATINE 2	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ESTRAZIONE PLATINE 2	+24V – EV 11 POLO POSITIVO
J35		PISTONE SCATOLINE	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE PISTONE SCATOLINE	+24V – EV 12 POLO POSITIVO
J23		SGANCIO SEGHETTA	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE SGANCIO SEGHETTA	+24V – EV 13 POLO POSITIVO
J22		PINZETTA ELASTICO	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE PINZETTA ELASTICO	+24V – EV 14 POLO POSITIVO
J21		ABBASSA BORDO	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE ABBASSA BORDO	+24V – EV 15 POLO POSITIVO
J20		ELIMINA COLTELLINO	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE ELIMINA COLTELLINO	+24V – EV 16 POLO POSITIVO

App: SOA-CE	**Descrizione: CABLAGGI SCHEDA 1882**	**Cliente: LONATI**	**Note: Per macchina S624 COLORI**	
	Redatto: SCHINETTI LIVIO	**Cod. disegno: 027**	**Nome file: N004_00.DOC**	**Nome foglio: N004_00**	**Data: 25-09-2002**

SCHEDA 1882 – BARRA 7

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 8)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 8)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 8)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 8)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 8)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 8)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 8)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 8)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 8)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 8)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 6)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 6)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 6)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 6)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 6)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 6)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 6)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 6)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 6)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 6)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		STOP LINGUETTE ANTERIORE 2	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE STOP LINGUETTE ANTERIORE 2	+24V – EV 1 POLO POSITIVO
J9		LEVA SPUGNA RITORNO TALLONE	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE LEVA SPUGNA RITORNO TALLONE	+24V – EV 2 POLO POSITIVO
J8		LEVA MEZZA SPUGNA CAD. 1	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE LEVA MEZZA SPUGNA CAD. 1	+24V – EV 3 POLO POSITIVO
J7		LEVA SPUGNA CAD. 1	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE LEVA SPUGNA CAD. 1	+24V – EV 4 POLO POSITIVO
J6		STOP AGHI POSTERIORE	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE STOP AGHI POSTERIORE	+24V – EV 5 POLO POSITIVO
J5		APRIAGO	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE APRIAGO	+24V – EV 6 POLO POSITIVO
J4		TAGLIAFILO AUSILIARIO	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE TAGLIAFILO AUSILIARIO	+24V – EV 7 POLO POSITIVO
J3		SOFFIO SCARICO BORDO	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE SOFFIO SCARICO BORDO	+24V – EV 8 POLO POSITIVO
J24		PISTONE PLATINE CAD. 2 MEZZA SPUGNA	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE PISTONE PLATINE CAD. 2 MEZZA SPUGNA	+24V – EV 9 POLO POSITIVO
J25		STOP LINGUETTE ANTERIORE 1	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE STOP LINGUETTE ANTERIORE 1	+24V – EV 10 POLO POSITIVO
J26		ALZA SELETTORINI RIT. TALLONE	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ALZA SELETTORINI RIT. TALLONE	+24V – EV 11 POLO POSITIVO
J35		CAMME TRATTENUTO CAD. 2 POS. A	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE CAMME TRATTENUTO CAD. 2 POS. A	+24V – EV 12 POLO POSITIVO
J23		CAMME TRATTENUTO CAD. 2 POS. B	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE CAMME TRATTENUTO CAD. 2 POS. B	+24V – EV 13 POLO POSITIVO
J22		CAMME SCARICATO CAD. 2 POS. A	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE CAMME SCARICATO CAD. 2 POS. A	+24V – EV 14 POLO POSITIVO
J21		CAMME SCARICATO CAD. 2 POS. B	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE CAMME SCARICATO CAD. 2 POS. B	+24V – EV 15 POLO POSITIVO
J20		TRIANGOLO M,AGLIA CAD. 2 POS.A	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE TRIANGOLO MAGLIA CAD. 2 POS.A	+24V – EV 16 POLO POSITIVO

App: SOA-CE	**Descrizione: CABLAGGI SCHEDA 1882**	**Cliente: LONATI**	**Note: Per macchina S624 COLORI**	
	Redatto: SCHINETTI LIVIO	**Cod. disegno: 027**	**Nome file: N005_00.DOC**	**Nome foglio: N005_00**	**Data: 25-09-2002**

SCHEDA 1882 – BARRA 6

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 7)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 7)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 7)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 7)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 7)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 7)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 7)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 7)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 7)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 7)	0V
J19	4			MR	1		PCB 1882 J2 PIN 1 (BARRA 5)	+24V
J19	5			BL	1		PCB 1882 J2 PIN 2 (BARRA 5)	0V
J36	1			BI	0,35		PCB 1882 J1 PIN 1 (BARRA 5)	/CEOUT
J36	2			BL	0,35		PCB 1882 J1 PIN 2 (BARRA 5)	+24V
J36	3			GI	0,35		PCB 1882 J1 PIN 3 (BARRA 5)	CKOUT
J36	4			MR	0,35		PCB 1882 J1 PIN 4 (BARRA 5)	0V
J36	5			GR	0,35		PCB 1882 J1 PIN 5 (BARRA 5)	SIOUT
J36	6			VI	0,35		PCB 1882 J1 PIN 6 (BARRA 5)	0V
J36	7			VE	0,35		PCB 1882 J1 PIN 7 (BARRA 5)	SOUT
J36	8			NR	0,35		PCB 1882 J1 PIN 8 (BARRA 5)	/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		PISTONE COPERCHIO PLATINE	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE PISTONE COPERCHIO PLATINE	+24V – EV 1 POLO POSITIVO
J9		ELIMINA PICKER ALZA AGHI	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE ELIMINA PICKER ALZA AGHI	+24V – EV 2 POLO POSITIVO
J8		TRIANGOLO RITORNO TALLONE POS. A	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE TRIANGOLO RITORNO TALLONE POS. A	+24V – EV 3 POLO POSITIVO
J7		TRIANGOLO RITORNO TALLONE POS B	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE TRIANGOLO RITORNO TALLONE POS. B	+24V – EV 4 POLO POSITIVO
J6		CAMME TRATTENUTO CAD. 1 POS. A	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE CAMME TRATTENUTO CAD. 1 POS. A	+24V – EV 5 POLO POSITIVO
J5		CAMME TRATTENUTO CAD. 1 POS. B	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE CAMME TRATTENUTO CAD. 1 POS. B	+24V – EV 6 POLO POSITIVO
J4		CAMME RINFORZO SOLETTA (OPTIONAL)	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE CAMME RINFORZO SOLETTA (OPTIONAL)	+24V – EV 7 POLO POSITIVO
J3		CAMME SCARICATO CAD. 1 POSIZIONE A	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE CAMME SCARICATO CAD. 1 POSIZIONE A	+24V – EV 8 POLO POSITIVO
J24		ALZA AGHI LUNGHI E MEDI PER TALLONE	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE ALZA AGHI LUNGHI E MEDI PER TALLONE	+24V – EV 9 POLO POSITIVO
J25		ABBASSA AGHI BORDO POS. B	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ABBASSA AGHI BORDO POS. B	+24V – EV 10 POLO POSITIVO
J26		ABBASSA AGHI BORDO POSIZIONE A	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ABBASSA AGHI BORDO POSIZIONE A	+24V – EV 11 POLO POSITIVO
J35		APRI PALETTE BORDO POS. B	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE APRI PALETTE BORDO POS. B	+24V – EV 12 POLO POSITIVO
J23		APRI PALETTE BORDO POS. A	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE APRI PALETTE BORDO POS. A	+24V – EV 13 POLO POSITIVO
J22		PICKER CENTRALE ABBASSA AGHI	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE PICKER CENTRALE ABBASSA AGHI	+24V – EV 14 POLO POSITIVO
J21		CAMME ABBASSA AGHI TALLONE	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE CAMME ABBASSA AGHI TALLONE	+24V – EV 15 POLO POSITIVO
J20		TRIANGOLO MAGLIA CAD. 2 POSIZIONE B	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE TRIANGOLO MAGLIA CAD. 2 POSIZIONE B	+24V – EV 16 POLO POSITIVO

App: SOA-CE	Descrizione: CABLAGGI SCHEDA 1882		Cliente: LONATI	Note: Per macchina S624 COLORI	
	Redatto: MANGILI FABIO	Cod. disegno: 027	Nome file: N006_00.DOC	Nome foglio: N006_00	Data: 25-09-2002

SCHEDA 1882 – BARRA 5

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BI	0,35		PCB 1882 J36 PIN 1 (BARRA 6)	/CEOUT
J1	2			BL	0,35		PCB 1882 J36 PIN 2 (BARRA 6)	+24V
J1	3			GI	0,35		PCB 1882 J36 PIN 3 (BARRA 6)	CKOUT
J1	4			MR	0,35		PCB 1882 J36 PIN 4 (BARRA 6)	0V
J1	5			GR	0,35		PCB 1882 J36 PIN 5 (BARRA 6)	SIOUT
J1	6			VI	0,35		PCB 1882 J36 PIN 6 (BARRA 6)	0V
J1	7			VE	0,35		PCB 1882 J36 PIN 7 (BARRA 6)	SOUT
J1	8			NR	0,35		PCB 1882 J36 PIN 8 (BARRA 6)	/RESOUT
J2	1			MR	1		PCB 1882 J19 PIN 1 (BARRA 6)	+24V
J2	2			BL	1		PCB 1882 J19 PIN 2 (BARRA 6)	0V
J19	4			MR	1		PCB 2703 J2 PIN 4	+24V
J19	5			BL	1		PCB 2703 J2 PIN 6	0V
J36	1			BI	0,35			/CEOUT
J36	2			BL	0,35			+24V
J36	3			GI	0,35			CKOUT
J36	4			MR	0,35			0V
J36	5			GR	0,35		PCB 1882 J36 PIN 7 (BARRA 4)	SIOUT
J36	6			VI	0,35			0V
J36	7			VE	0,35		PCB 1882 J36 PIN 5 (BARRA 4)	SOUT
J36	8			NR	0,35			/RESOUT

CONN	CONNESSIONE DINEMA	CONNESSIONE CLIENTE	DESCRIZIONE
J10		ESPULSIONE CALZA	0V – OUT 1 – EV 1 POLO NEGATIVO
J11		COMUNE ESPULSIONE CALZA	+24V – EV 1 POLO POSITIVO
J9		MANOVELLA	0V – OUT 2 – EV 2 POLO NEGATIVO
J12		COMUNE MANOVELLA	+24V – EV 2 POLO POSITIVO
J8		OLIATORE	0V – OUT 3 – EV 3 POLO NEGATIVO
J13		COMUNE OLIATORE	+24V – EV 3 POLO POSITIVO
J7		SBILANCIAMENTO CAD. 1	0V – OUT 4 – EV 4 POLO NEGATIVO
J14		COMUNE SBILANCIAMENTO CAD. 1	+24V – EV 4 POLO POSITIVO
J6		ESTRAZIONE SELETTORI TAMBURINO 3	0V – OUT 5 – EV 5 POLO NEGATIVO
J15		COMUNE ESTRAZIONE SELETTORI TAMBURINO 3	+24V – EV 5 POLO POSITIVO
J5		ESTRAZIONE SELETTORI TABURINO 4	0V – OUT 6 – EV 6 POLO NEGATIVO
J16		COMUNE ESTRAZIONE SELETTORI TABURINO 4	+24V – EV 6 POLO POSITIVO
J4		ALZA SELETTORINI ANDATA TALLONE	0V – OUT 7 – EV 7 POLO NEGATIVO
J17		COMUNE ALZA SELETTORINI ANDATA TALLONE	+24V – EV 7 POLO POSITIVO
J3		CAMME SCARICATO CAD. 1 POSIZIONE B	0V – OUT 8 – EV 8 POLO NEGATIVO
J18		COMUNE CAMME SCARICATO CAD. 1 POSIZIONE B	+24V – EV 8 POLO POSITIVO
J24		ALZA AGHI LUNGHI PER TALLONE	0V – OUT 9 – EV 9 POLO NEGATIVO
J34		COMUNE ALZA AGHI LUNGHI PER TALLONE	+24V – EV 9 POLO POSITIVO
J25		ESTRAZIONE SELETTORI TAMBURINO 5	0V – OUT 10 – EV 10 POLO NEGATIVO
J33		COMUNE ESTRAZIONE SELETTORI TAMBURINO 5	+24V – EV 10 POLO POSITIVO
J26		ESTRAZIONE SELETTORI TAMBURINO 1	0V – OUT 11 – EV 11 POLO NEGATIVO
J32		COMUNE ESTRAZIONE SELETTORI TAMBURINO 1	+24V – EV 11 POLO POSITIVO
J35		ESTRAZIONE SELETTORI TAMBURINO 2	0V – OUT 12 – EV 12 POLO NEGATIVO
J31		COMUNE ESTRAZIONE SELETTORI TAMBURINO 2	+24V – EV 12 POLO POSITIVO
J23		SBILANCIAMENTO CAD. 2	0V – OUT 13 – EV 13 POLO NEGATIVO
J30		COMUNE SBILANCIAMENTO CAD. 2	+24V – EV 13 POLO POSITIVO
J22		SBILANCIAMENTO CAD. 2 POSIZIONE 2	0V – OUT 14 – EV 14 POLO NEGATIVO
J29		COMUNE SBILANCIAMENTO CAD. 2 POSIZIONE 2	+24V – EV 14 POLO POSITIVO
J21		DEVIATORE	0V – OUT 15 – EV 15 POLO NEGATIVO
J28		COMUNE DEVIATORE	+24V – EV 15 POLO POSITIVO
J20		PINZETTA LYCRA 1 CAD. 2	0V – OUT 16 – EV 16 POLO NEGATIVO
J27		COMUNE PINZETTA LYCRA 1 CAD. 2	+24V – EV 16 POLO POSITIVO

App: SOA-CE	**Descrizione: CABLAGGI SCHEDA 1882**		**Cliente: LONATI**	**Note: Per macchina S624 COLORI**	
	Redatto: SCHINETTI LIVIO	**Cod. disegno: 027**	**Nome file: N007_00.DOC**	**Nome foglio: N007_00**	**Data: 25-09-2002**

CONNECTIONS PCB 1881/1 S624 colours **(Modules A-B-C)**

SCHEDA 1881 – MODULO A

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			GRI	O.2		CONNETTORE “1” PIN 6	OUT 8 – GUIDAFILO 1 CADUTA 1
J1	2			NOCC	O.2		CONNETTORE “1” PIN 9	+24V – COMUNE GUDAFILI CAD. 1
J1	3			BLU	O.2		CONNETTORE “1” PIN 3	OUT 7 – GUIDAFILO 2 CADUTA 1
J1	4			ROSS	O.2		CONNETTORE “1” PIN 8	+24V – COMUNE GUDAFILI CAD. 1
J1	5			NERO	O.2		CONNETTORE “1” PIN 5	OUT 6 – GUIDAFILO 3 CADUTA 1
J1	6							+24V
J1	7			ARAN	O.2		CONNETTORE “1” PIN 7	OUT 5 – GUIDAFILO 4 CAD.1
J1	8							+24V
J1	9			ROSA	O.2		CONNETTORE “1” PIN 13	OUT 4 – GUIDAFILO 5 CAD. 1
J1	10							+24V
J1	11			TURC	O.2		CONNETTORE “1” PIN 16	OUT 3 – GUIDAFILO 6 CAD. 1
J1	12							+24V
J1	13			BI/NE	O.2		CONNETTORE “1” PIN 14	OUT 2 – GUIDAFILO 7 CAD. 1
J1	14							+24V
J1	15							OUT 1 –
J1	16							+24V
J2	1			BIA	0.2		CONNETTORE “1” PIN 1	OUT 16 – REG.GUID. 1 CADUTA 1
J2	2			MARR	0.2		CONNETTORE “1” PIN 12	+24V – COMUNE GUDAFILI CAD. 1
J2	3			GIALL	0.2		CONNETTORE “1” PIN 11	OUT 15 – REG. GUIDAF. 4 CAD. 1
J2	4							+24V
J2	5			VERD	0.2		CONNETTORE “1” PIN 15	OUT 14 –REG.GUIDAF.5 CADUTA 1
J2	6							+24V
J2	7							OUT 13
J2	8							+24V
J2	9			BLU	0.2		CONNETTORE “TM1” PIN 2	OUT 12 – SBILAN.TRI.CAD.1 POS 2
J2	10			MARR	0.2		CONNETTORE “TM1” PIN 1	+24V– COMUNE TRIANG. CAD. 1
J2	11			BIA	0.2		CONNETTORE “TM2” PIN 7	OUT 11 – SBILAN.TRI.CAD.2
J2	12							+24V
J2	13			MARR	0.2		CONNETTORE “TM2” PIN 6	OUT 10 – SBILAN.TRI.CAD.2 POS 2
J2	14							+24V
J2	15			ROSS	0.2		CONNETTORE “TM2” PIN 4	OUT 9 – NON USATA
J2	16			BLU	0.2		CONNETTORE “TM2” PIN 8	+24V – COMUNE TRIANG.CAD 2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J17 PIN 1		*CESPI OUT
J3	2					PCB 2703 J17 PIN 2		0V
J3	3					PCB 2703 J17 PIN 3		CLKSPI
J3	4					PCB 2703 J17 PIN 4		0V
J3	5					PCB 2703 J17 PIN 5		SPIOUT 1
J3	6					PCB 2703 J17 PIN 6		0V
J3	7					PCB 2703 J17 PIN 7		SPIOUT
J3	8					PCB 2703 J17 PIN 8		0V
J3	9					PCB 2703 J17 PIN 9		*RESETSPI
J3	10					PCB 2703 J17 PIN 10		0V
J3	11					PCB 2703 J17 PIN 11		+24V
J3	12					PCB 2703 J17 PIN 12		+24V
J3	13					PCB 2703 J17 PIN 13		+24V
J3	14					PCB 2703 J17 PIN 14		+24V
J3	15					PCB 2703 J17 PIN 15		+24V
J3	16					PCB 2703 J17 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE	**Descrizione: CABLAGGIO SCHEDA 1881**		**Cliente: LONATI**	**Note: Per macchina S 624 colori**
	Redatto: SCHINETTI LIVIO	**Cod. disegno: 027**		**Nome foglio: N011_00**	**Data: 22-01-2002**

SCHEDA 1881 – MODULO B

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BIA	0.2		CONNETTORE “2 ” PIN 3	OUT 8 – GUIDAFILO 1 CAD. 2
J1	2			MARR	0.2		CONNETTORE “2” PIN 10	+24V – COMUNE CAD. 2
J1	3			GIALL	0.2		CONNETTORE “2” PIN 4	OUT 7 – GUIDAFILO 2 CAD. 2
J1	4							+24V – COMUNE
J1	5			GRIG	0.2		CONNETTORE “2” PIN 5	OUT 6 – GUIDAFILO 3 CAD. 2
J1	6							+24V
J1	7			VERD	0.2		CONNETTORE “2” PIN 6	OUT 5 – GUIDAFILO 4 CAD. 2
J1	8							+24V
J1	9			BLU	0.2		CONNETTORE “2” PIN 7	OUT 4 – GUIDAFILO 5 CAD. 2
J1	10							+24V
J1	11			VIOLA	0.2		CONNETTORE “2” PIN 8	OUT 3 – GUIDAFILO 6 CAD. 2
J1	12							+24V
J1	13			NERO	0.2		CONNETTORE “2” PIN 9	OUT 2–REGOLAZ. GUID. 2 CAD. 2
J1	14							+24V
J1	15							OUT 1
J1	16							+24V
J2	1			BIA	0.2		CONNETTORE “C1” PIN 3	OUT 16 – GUIDAFILO 1 COLORE 1
J2	2			MARR	0.2		CONNETTORE “C1” PIN 6	+24V – COMUNE COLORE 1
J2	3			BLU	0.2		CONNETTORE “C1” PIN 4	OUT 15 –GUIDAFILO 2 COLORE 1
J2	4							+24V –
J2	5			ROSS	0.2		CONNETTORE “C1” PIN 5	OUT 14 – GUIDAFILO 3 COLORE 1
J2	6							+24V
J2	7							OUT 13 –
J2	8							+24V
J2	9			BIA	0.2		CONNETTORE “C2” PIN 3	OUT 12 – GUIDAFILO 1 COLORE 2
J2	10			MARR	0.2		CONNETTORE "C2" PIN 6	+24V–COMUNE COL. 2
J2	11			BLU	0.2		CONNETTORE “C2” PIN 4	OUT 11 – GUIDAFILO 2COLORE 2
J2	12							+24V
J2	13			ROSS	0.2		CONNETTORE "C2" PIN 5	OUT 10 GUIDAFILO 3 COLORE 2
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J16 PIN 1		*CESPI OUT
J3	2					PCB 2703 J16 PIN 2		0V
J3	3					PCB 2703 J16 PIN 3		CLKSPI
J3	4					PCB 2703 J16 PIN 4		0V
J3	5					PCB 2703 J16 PIN 5		SPIOUT 1
J3	6					PCB 2703 J16 PIN 6		0V
J3	7					PCB 2703 J16 PIN 7		SPIOUT
J3	8					PCB 2703 J16 PIN 8		0V
J3	9					PCB 2703 J16 PIN 9		*RESETSPI
J3	10					PCB 2703 J16 PIN 10		0V
J3	11					PCB 2703 J16 PIN 11		+24V
J3	12					PCB 2703 J16 PIN 12		+24V
J3	13					PCB 2703 J16 PIN 13		+24V
J3	14					PCB 2703 J16 PIN 14		+24V
J3	15					PCB 2703 J16 PIN 15		+24V
J3	16					PCB 2703 J16 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE	**Descrizione: CABLAGGIO SCHEDA 1881**	**Cliente: LONATI**	**Note: Per macchina S 624 colori**

	Redatto: SCHINETTI LIVIO	**Cod. disegno: 027**		**Nome foglio: N011_00**	**Data: 22-01-2002**

SCHEDA 1881 – MODULO C

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BIA	0.2		CONNETTORE “C3 ” PIN 3	OUT 8 – GUIDAFILO 1 COLORE 3
J1	2			MARR	0.2		CONNETTORE “C3” PIN 6	+24V – COMUNE COLORE 3
J1	3			BLU	0.2		CONNETTORE “C3” PIN 4	OUT 7 – GUIDAFILO 2 COLORE 3
J1	4							+24V
J1	5			ROSS	0.2		CONNETTORE “C3” PIN 5	OUT 6 – GUIDAFILO 3 COLORE 3
J1	6							+24V
J1	7							OUT 5
J1	8							+24V
J1	9			BIA	0.2		CONNETTORE “C4” PIN 3	OUT 4 – GUIDAFILO 1 COLORE 4
J1	10			MARR	0.2		CONNETTORE “C4” PIN 6	+24V –COMUNE COLORE 4
J1	11			BLU	0.2		CONNETTORE “C4” PIN 4	OUT 3 – GUIDAFILO 2 COLORE 4
J1	12							+24V
J1	13			ROSS	0.2		CONNETTORE “C4” PIN 5	OUT 2 – GUIDAFILO 3 COLORE 4
J1	14							+24V
J1	15							OUT 1
J1	16							+24V
J2	1							OUT 16
J2	2							+24V
J2	3							OUT 15
J2	4							+24V
J2	5							OUT 14
J2	6							+24V
J2	7							OUT 13
J2	8							+24V
J2	9							OUT 12
J2	10							+24V
J2	11							OUT 11
J2	12							+24V
J2	13							OUT 10
J2	14							+24V
J2	15							OUT 9
J2	16							+24V

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J3	1					PCB 2703 J15 PIN 1		*CESPI OUT
J3	2					PCB 2703 J15 PIN 2		0V
J3	3					PCB 2703 J15 PIN 3		CLKSPI
J3	4					PCB 2703 J15 PIN 4		0V
J3	5					PCB 2703 J15 PIN 5		SPIOUT 1
J3	6					PCB 2703 J15 PIN 6		0V
J3	7					PCB 2703 J15 PIN 7		SPIOUT
J3	8					PCB 2703 J15 PIN 8		0V
J3	9					PCB 2703 J15 PIN 9		*RESETSPI
J3	10					PCB 2703 J15 PIN 10		0V
J3	11					PCB 2703 J15 PIN 11		+24V
J3	12					PCB 2703 J15 PIN 12		+24V
J3	13					PCB 2703 J15 PIN 13		+24V
J3	14					PCB 2703 J15 PIN 14		+24V
J3	15					PCB 2703 J15 PIN 15		+24V
J3	16					PCB 2703 J15 PIN 16		+24V

J7 =MODU2 8X2 POLI
J8 =MODU2 9X2 POLI

App: SOA-CE	Descrizione: CABLAGGIO SCHEDA 1881		Cliente: LONATI	Note: Per macchina S 624 colori
	Redatto: SCHINETTI LIVIO	Cod. disegno: 027		Nome foglio: N011_00	Data: 22-01-2002

COLLEGAMENTI CONNETTORI JA-JB1-JB2-JC1-JC2-JD1-JD2

CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
JA	1			BL	0.35	SK 2004 CONN. J17 PIN 7		0V
JA	2			BL	0.35	SK 2004 CONN. J17 PIN 1		TX LOOP +FDU
JA	3							
JA	4			BL	0.35	SK 2004 CONN. J17 PIN 2		TX LOOP -FDU
JA	5			BL	0.35	SK 2004 CONN. J17 PIN 3		RX LOOP +FDU
JA	6			BL	0.35	SK 2004 CONN. J17 PIN 4		RX LOOP –FDU
JA	7			BL	0.35	SK 2004 CONN. J17 PIN 8		+24V
JA	8			BL	0.35	SK 2004 CONN. J17 PIN 5		0V
JB1	1			RO	0.35	SW2 POLO 2		POLO 2 MICRO SICUREZZA SW2
JB1	2			RO	0.35	SW2 POLO 1		POLO 1 MICRO SICUREZZA SW2
JB1	3			RO	0.35	SW1 POLO 1		POLO 1 MICRO SICUREZZA SW1
JB1	4			RO	0.35	SW1 POLO 2		POLO 2 MICRO SICUREZZA SW1
JB1	5			BL	0.35	PULSANTE EMERGENZA POLO 2		PULSANTE EMERGENZA POLO2
JB1	6			BL	0.35	PULSANTE EMERGENZA POLO 1		PULSANTE EMERGENZA POLO1
JB1	7			BL	0.35	LAMPADA ROSSA DS1 POLO 1		LAMPADA EMERGENZA POLO 1
JB1	8			BL	0.35	LAMPADA ROSSA DS1 POLO 2		LAMPADA EMERGENZA POLO 2
JB2	1			BL	0.35	SK 2832 CONN. J2 PIN 4		INPUT SERIE MICRO SICUR.
JB2	2			BL	0.35	CONN. JB2 PIN 4		
JB2	3			BL	0.35	CONN. JB2 PIN 5		
JB2	4			BL	0.35	CONN. JB2 PIN 2		
JB2	5			BL	0.35	CONN. JB2 PIN 3		
JB2	6			BL	0.35	SK 2832 CONN. J2 PIN 1		INPUT PULS. EMER. POLO 1
JB2	7			BL	0.35	SK 2832 CONN. J2 PIN 2		LAMPADA EMERGENZA POLO 1
JB2	8			BL	0.35	SK 2832 CONN. J2 PIN 3		LAMPADA EMERGENZA POLO 2
JC1	1			NR	0.35	VENTOLA V1 POLO-		POLO- VENTOLA V1
JC1	2			NR	0.35	VENTOLA V2 POLO-		POLO- VENTOLA V2
JC1	3			RO	0.35	VENTOLA V1 POLO+		POLO+ VENTOLA V1
JC1	4			RO	0.35	VENTOLA V2 POLO+		POLO+ VENTOLA V2
JC2	1			BL	0.35	MORSETTO 7		0V
JC2	2			BL	0.35	MORSETTO 7		0V
JC2	3			BL	0.35	MORSETTO 3		+24V
JC2	4			BL	0.35	MORSETTO 3		+24V

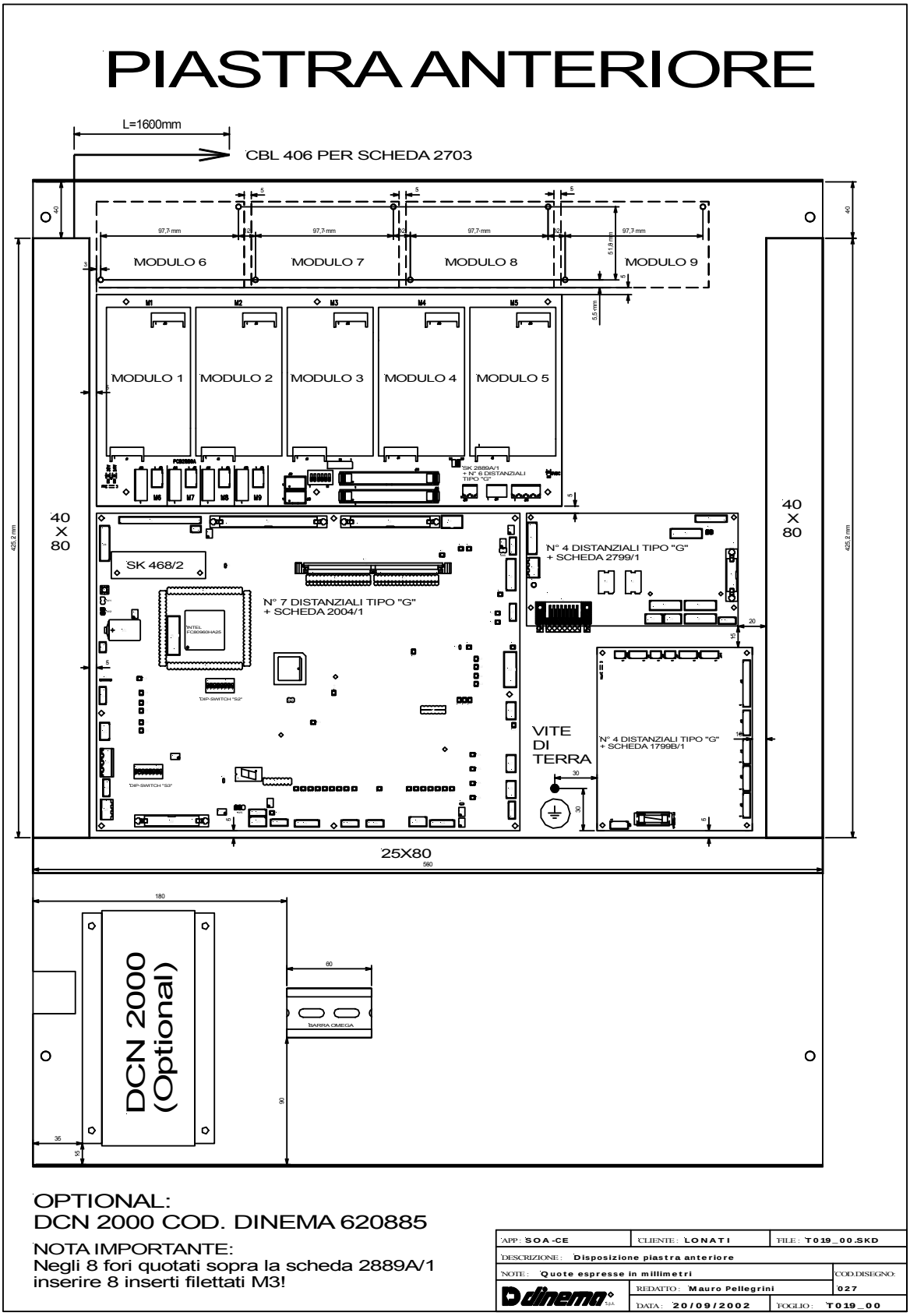
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
JD1	1			NR	0.35	VENTOLA V3 POLO-		POLO- VENTOLA V3
JD1	2							
JD1	3							
JD1	4			RO	0.35	VENTOLA V3 POLO+		POLO+ VENTOLA V3
JD2	1			BL	0.35	MORSETTO 8		0V
JD2	2							
JD2	3							
JD2	4			BL	0.35	MORSETTO 4		+24V

NOTA: IL CONNETTORE JA DEVE ESSERE CONNESSO AL CABLAGGIO CBL 0108 PROVENIENTE DALLA TASTIERA!

JA = MODU2 4X2 POLI-FEMMINA
JB1 = MODU2 4X2 POLI-FEMMINA
JB2 = MODU2 4X2 POLI-MASCHIO
JC1 = MODU2 4 POLI-MASCHIO
JC2 = MODU2 4 POLI-FEMMINA
JD1 = MODU2 4 POLI-MASCHIO
JD2 = MODU2 4 POLI-FEMMINA

App: S6200-S62S0-CE-V.1	Descrizione: COLLEGAMENTI CONNETTORI JA-JB1-JB2-JC1-JC2-JD1-JD2		Cliente: LONATI	Note:
	Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M026_00.DOC	Nome foglio: M026_00	Data: 01/10/2002

View front plate with pattern drums MATRIX

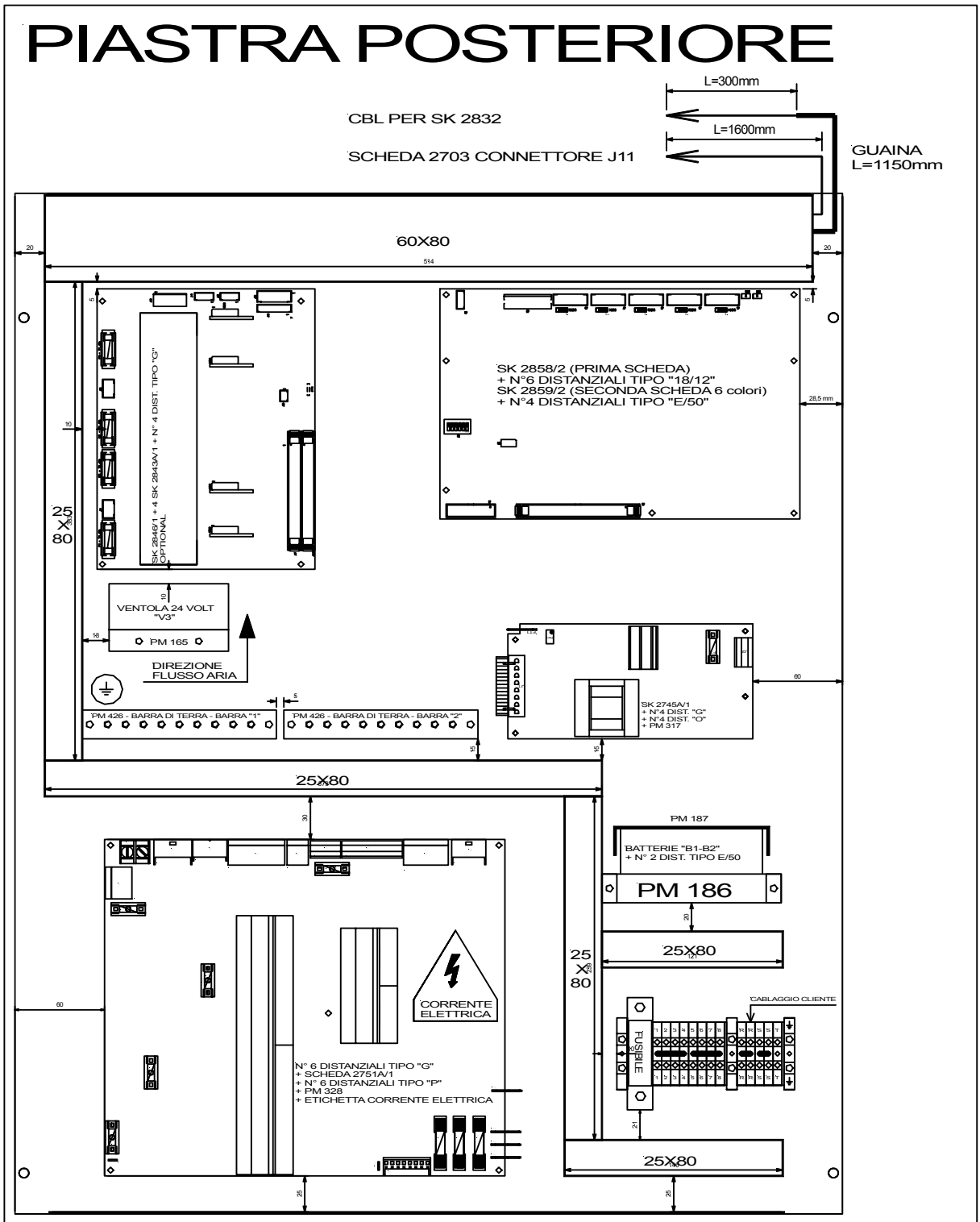


OPTIONAL:
DCN 2000 COD. DINEMA 620885

NOTA IMPORTANTE:
Negli 8 fori quotati sopra la scheda 2889A/1
inserire 8 inserti filettati M3!

APP.: SOA-CE	CLIENTE: LONATI	FILE: T019_00.SKD
DESCRIZIONE: Disposizione piastra anteriore		
NOTE: Quote espresse in millimetri		COD.DISEGNO: 027
dinema S.p.A.	REDATTO: Mauro Pellegrini	
	DATA: 20/09/2002	FOGLIO: T019_00

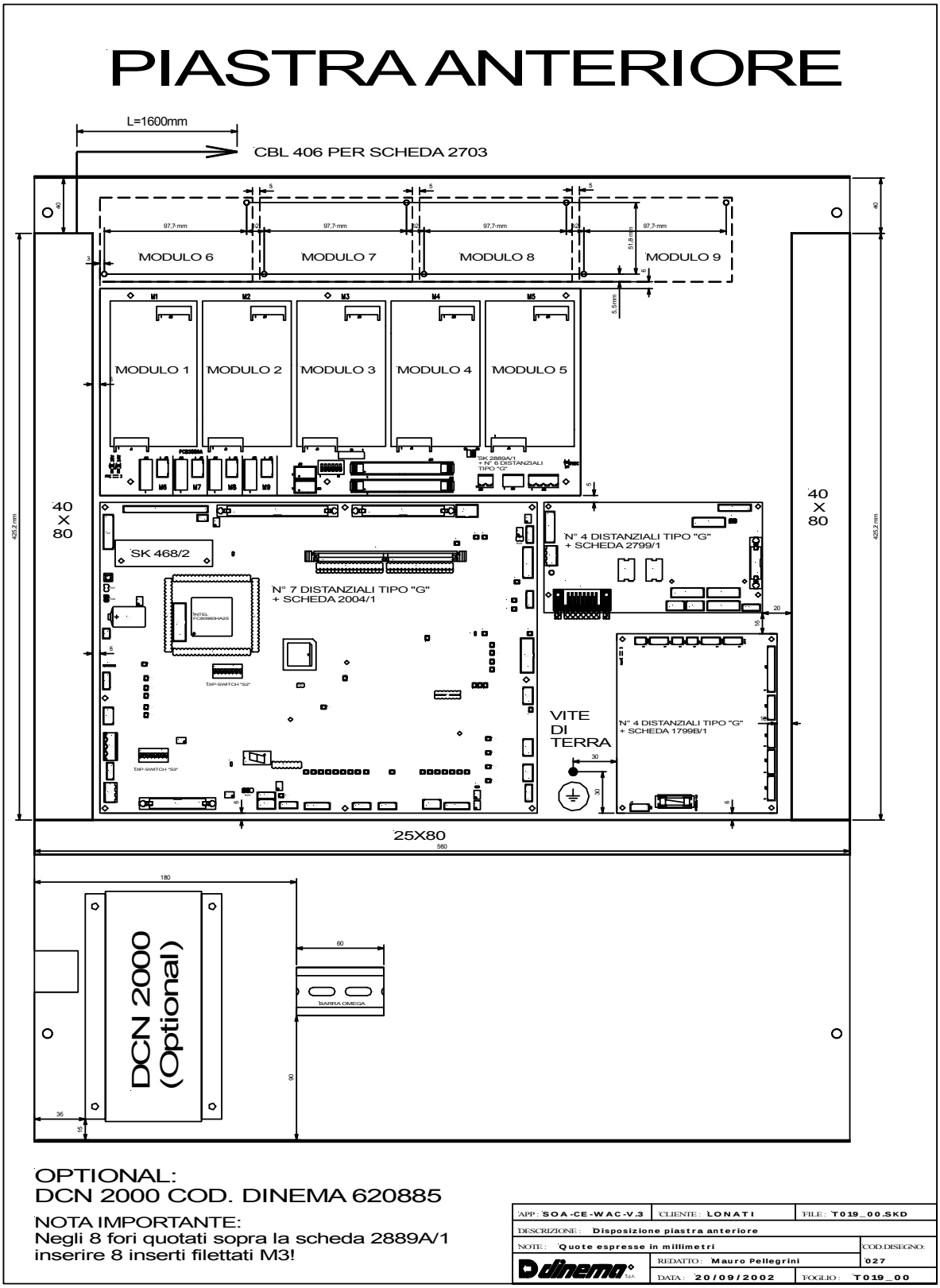
View back plate with pattern drums MATRIX



OPTIONAL:
La SK 2846/1 + 4 SK 2843A/1 e la ventola V3 sono previste solo nel caso di:
PYF P-P 2M LONATI SOA-CE-V.3
COD. DINEMA 622112
COD. LONATI D4901394
PYF P-P 4M LONATI SOA-CE-V.3
COD. DINEMA 622113
COD. LONATI D4901395

APP.: SOA-CE	CLIENTE: LONATI	FILE: T021_00.SKD
DESCRIZIONE: Disposizione piastra posteriore		
NOTE: Quote espresse in millimetri		COD.DISEGNO: 027
dinema S.p.A.	REDATTO: Mauro Pellegrini	
	DATA: 20/09/2002	FOGLIO: T021_00

View front plate with pattern drums WAC

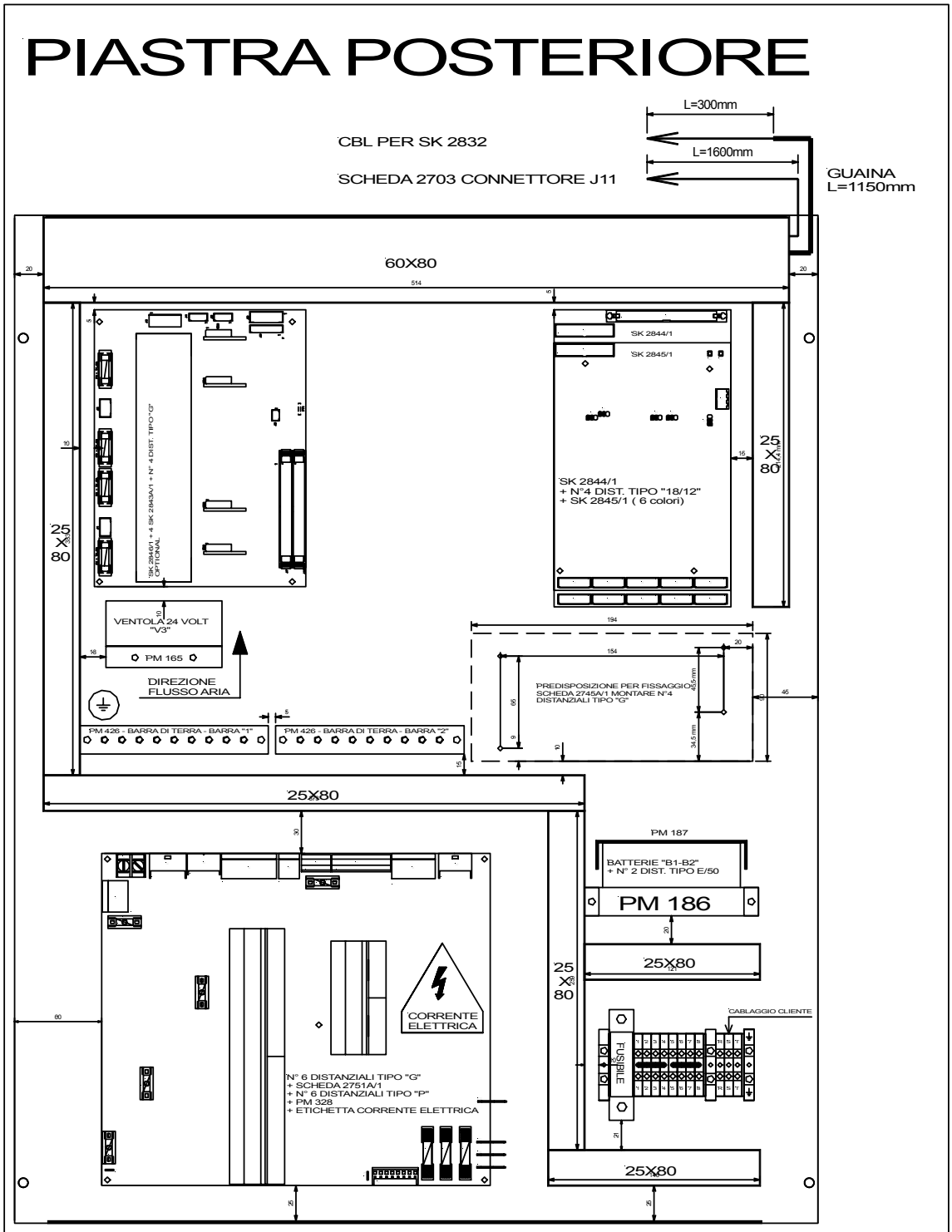


OPTIONAL:
DCN 2000 COD. DINEMA 620885

NOTA IMPORTANTE:
Negli 8 fori quotati sopra la scheda 2889A/1
inserire 8 inserti filettati M3!

APP.: SOA-CE-WAC-V.3	CLIENTE: LONATI	FILE: T019_00.SKD
DESCRIZIONE: Disposizione piastra anteriore		
NOTE: Quote espresse in millimetri		COD.DISEGNO: 027
dinema S.p.A.	REDATTO: Mauro Pellegrini	
	DATA: 20/09/2002	FOGLIO: T019_00

View back plate with pattern drums WAC



OPTIONAL:
La SK 2846/1 + 4 SK 2843A/1 e la ventola V3 sono previste solo nel caso di:
PYF P-P 2M LONATI SOA-CE-V.3
COD. DINEMA 622112
COD. LONATI D4901394
PYF P-P 4M LONATI SOA-CE-V.3
COD. DINEMA 622113
COD. LONATI D4901395

APP.: SOA-CE-WAC-V.3	CLIENTE: LONATI	FILE: T021_00.SKD
DESCRIZIONE: Disposizione piastra posteriore		
NOTE: Quote espresse in millimetri		COD.DISEGNO:
dinema S.p.A.	REDATTO: Mauro Pellegrini	027
	DATA: 20/09/2002	FOGLIO: T021_00

Instructions for the insertion of the set-up

After replacing the eprom it is necessary to reset all the data contained in the machine set-up. In the following pages the client will be explained on witch windows to act on in order to reset the set-up.
At the end of this operation, proceed as described below in order to save the data previously reset.

After the data reset in the set-up, press repeatedly the key [ESC] to request the exit and/or the saving of the values just selected.

1) After pressing the key [ESC] a string will be shown `Save current Set-up Values?` Followed by `[S] =Yes, [N] =No`.
2) When pressing the [S] to confirm the saving procedure, the strings `Saving configuration values` and `--- ATTEND ---`will appear. During this phase do not carry out any other information but wait for the visualization of the alarm `Registration set-up carried out. Turn off the Machine`. When turning on the machine you will find the values saved previously.
3) By pressing the [N] to deny the confirmation, no operation will take place and you will exit the window of the *client configuration*. Press repeatedly the key [ESC] to return to the *main window.*

The client configuration window

The access to this window is only possible with the key in programming position and with the machine stopped at step zero.

To reach this window it is necessary to press the key [**SPACE**] from the *main* one to access the *main menu,* therefore the letter [**D**] for the *general* one.

At this point the pressing of the key [**C**] will allow the opening of the *client set-up*.

ATTENTION: if it is not possible to access the *main window* because covered by an error that with the key [F8] does not disappear, press [**CTRL**] + [**J**] to rapidly initiate the window *client set-up.*

From this window it is possible to manage the functioning of the various **devices** present in the machine. The set-up of the **management** inserted and present in the eprom, the configuration of the data relative to the **cylinder**, the set-up of the data of the yarn sliding control device, the insertion of the values of the sock counter and the possibility to configure the keyboard.

It is also possible to **cancel** all the data saved previously and kept in the eprom. This component is in charge of the memorization of all the configurations present in the machine and it is cancelled through a correct polarization.

```
SET UP CLIENTE
[A] abilita/disabilita dispositivi
[B] abilita/disabilita gestioni
[C] configurazione aghi/tamburini
[D] selezione diametro cilindro
[E] configurazione scorrimento fili
[F] configurazione tastiera
[G] configurazione conta-calze

Usare le lettere per la selezione
```

Keys enabled in the window:

- **[A]: the key associated to this description is present in all machine types and allows the opening of the window in charge of the management devices present in the machine.**
- **[B]: also this command is present in all the machine types and, from the window that opens with the pressure of the associated key, allows the configuration of the management present in the machine.**
- **[C]: the window that opens by pressing the key associated to this description, is used to set-up the data concerning the cylinder, both for the needle number and for the electronic pattern drums mounted. It is present in all the machines.**
- **[D]: in the window that opens by selecting this key, are contained in the commands for the configuration of the appropriate cylinder diameter.**
- [E]: all the machines provided with the yarn sliding control system. The key associated to this description will allow the access to the menu for the configuration of this device.
- [F]: present in all the machines, this command allows to open the menu dedicated to the configuration of the keyboard.
- [G]: the window that opens when pressing the key associated to this command allows the insertion of data contained in the sock counter. Usually it is used after a machine software update.
- [CTRL] + [R]: the pressing of these two keys allows the **restoration** of the standard machine set-up (reset eprom set-up).
- [S]: when it is requested, it **confirms** the operations of data saving or eprom reset.
- [N]: when it is requested, **it does not confirm** the operation of data saving or EPROM reset, and causes the exit from the window.
- [ESC]: starts the procedure of **saving** of the data imposed before exiting the window.

The window of enable /disable devices

The access to this window is only possible with the key in programming position and the machine stopped at step zero.

To reach this menu it is necessary to press the key [SPACE] from the *main window* to access the *main menu*, the letter [D] for the *general* one, [C] for the *client set-up* and in the end [A] to *enable / disable* devices.

From this window it is possible to manage the set-up of all the **devices** mounted in the machine (suction valve, solenoid bars, saw motor etc.). It is also possible to start the procedure of auto configuration of the serial exits.

Here are shown the two window pages:

```
DISPOSITIVI

[A] abilitazione ventola esterna
[B] motore coperchio platine
[C] motore coperchio platine angolare
[D] configurazione barre
[E] configurazione uscite seriali

[CTRL]+[N] pagina successiva

Usare le lettere per la selezione
```

```
DISPOSITIVI

[F] abilitazione rovesciatore
[G] selezione direzioni motori lycra
[H] rete LAN
[I] motore seghetta
[L] alza bordo elettrico
[M] scelta scheda x motori MPP

[CTRL]+[P] pagina precedente

Usare le lettere per la selezione
```

Contents first page:

Lines from 1 to 5:
[A] enable **external fan**
[B] motor **sinkers cap**
[C] motor **angular sinkers cap**
[D] configuration bars
[E] configuration serial exits

Contents second page:

Lines from 1 to 5:
[F] enable **turning device**
[G] select direction motor lycra
[H] web LAN
[I] **saw motor**
[L] **electric raising dial**
[M] **choice board x motor MPP**

Keys enabled in the window:

- **[A]: this key enables from the window the external fan**
- **[B]: being a device upon request it requires to be enabled or disable according to whether it is mounted or not.**
- **[C]: being a device upon request it requires to be enabled or disabled according to whether it is mounted or not.**

- [D]: this key allows the opening of the window for the selection of the **bars** (of the solenoid valves), and the modules present in the machine.
- [E]: this command enables the procedure of **auto configuration** of all the serial type exits present in the machine.
- **[F]: since it is a device upon request it needs to be enabled or disabled according to whether it is mounted or not.**
- [G]: if mounted, they are managed by Graphitron, and from this window you can decide the sense of rotation of the lycra motors.
- [H]: it will be enabled with the machines predisposed for ETHERNET net.
- **[I]: this key allows the opening of the window for the enabling of the saw motor.**
- **[L]: this key allows the opening of the window for the enabling of the motorised dial.**
- **[M]: this key allows the opening of the window for the choice of the motor boards mounted in the front panel of the machine (PCB 2889 or PCB 2754)**
- [ESC]: **exits** from the window without doing any operations.

The window for enable – disable management

The access to this window is only possible with the key in programming position and the machine stopped at step zero.

To reach this menu it is necessary to press the key [SPACE] from the *main window* to access the *main menu*, the letter [D] for the *general* one, the key [C] the opening of the window *client configuration* and [B] for the *enable/ disable management*.

This window contains the list to configure a few **functions** dedicated to the improvement or protection of the machine, of a few devices and a few of its functions. It will be possible to set-up the status of enable or disable for a few, otherwise insert the values for a correct functioning according to the needs of the user. This window is developed on two pages that can be selected with the keys [CTRL] + [N] or [P].

Page one:

```
GESTIONI
[A] zero relativo v.p.e.
[B] gestione tasto F5 sotto chiave
[C] gestione tasto F6 sotto chiave
[D] modifica maglie in ogni taglia
[E] modifica contacalze

CTRL + N pagina seguente
Usare le lettere per la selezione
```

Page two:

```
GESTIONI
[F] modifica concatenamento
[G] azzeramento con manovelle
[H] riscaldamento macchina
[I] F1 a fine azzeramento

CTRL + P pagina precedente
Usare le lettere per la selezione
```

Keys enabled in the window:

- **[A]: with this key you can access the window for the management of the relative zero of the suction valve**
- **[B]: this key allows the access to the window from witch it is possible to bind the insertion of the key [F5] at the status of the key.**
- **[C]: with the same functioning described previously, but referred to the key [F6]**
- [D]: the window that opens at the pressure of this key is dedicated to the set-up of the stitch modification in all the sizes.
- [E]: this key allows the opening of the window where it is possible to set the status that the machine must have in order to allow eventual modifications regarding the sock counter.
- [F]: also this key allows the same functioning described previously, but referred to the chaining.
- [G]: the window that opens at the pressure of this key manages the status of the **zero setting with crank handle**.
- [H]: this key allows the opening of the window for the managing of the **heating** of the machine.
- [I]: with the pressure of this key it is possible to access the window of the insertion of the function [F1].
- [CTRL] + [P]: passes to the **previous** page.
- [CTRL] + [N]: passes to the **next** page.
- [ESC]: **exits** from the window.

The window of needles and pattern drum configuration.

To enter in this window it is necessary that the machine is stopped at step zero and with the key in programming position.

To reach this window it is necessary to press, from the *main* one, the key [SPACE] for the *main menu*, [D] for the *general menu*, [C] for the *client configuration* and again [C] for the *needles/pattern drum configuration*.

This window contains the access for the **management** of the needle number and of the pattern drum type.

```
CONFIGURAZIONE MACCHINA

      [A] selezione tipo tamburino
      [B] selezione numero aghi

 Usare le lettere per la selezione
Premere il tasto ESC per uscire
```

Contents:

Lines 1 and 2: `[A] selection type pattern drum`
`[B] selection needle number`

In these lines are found the list of the usable keys with their description beside them.

Lines 3 and 4: these last two lines contain a few instructions regarding the use of the window.

Keys enabled in the window:

- **[A]: with this key a window will open for the selection of the pattern drum type mounted in the machine, select the model and exit.**
- **[B]: by pressing this key you can access the window for the selection of the number of cylinder needles, type the number of needles and press [RETURN] to confirm**.
- [ESC]: **exits** from the window.

The window for the selection of the cylinder diameter

To access this window it is necessary for the machine to be stopped at step zero and with the key in programming position.

To reach this window it is necessary to press, from the *main* one, the key [SPACE] for the *main menu,* [D] for the *general menu*, [C] for the *client configuration* and [D] for the *cylinder diameter selection*.

From this window it is possible to set-up, and eventually modify, the **selection** relative to the cylinder diameter mounted in the machine.

```
DIAMETRO MACCHINA

Diametro cilindro:[3'' 1/2]

   [A] seleziona diametro 3'' 3/4
   [B] seleziona diametro 3'' 1/2

Usare le lettere per la selezione
Premere il tasto ESC per uscire
```

Line 1: In this line is shown the cylinder diameter active in that moment in the set-up.

Lines 2 and 3: Here are found the descriptions of the usable keys for the selection of the cylinder diameter. In a few machines there can be found only two. Press the letter corresponding to the desired diameter and exit [ESC].

By selecting a cylinder diameter not corresponding to the one set-up in the program Graphitron, and by positioning the selector with the key in programming position you will see the alarm `REAL 04. Cylinder diameter not correct.`

MACHINE S62 4 colours NOT PREDISPOSED FOR THE SAW BLADE DEVICE

This machine is similar to the series S (see page 265), but in structure it does not mount the PCB 2889A/1 and the relative modules 2755A/1 replacing it with the 2724A/1.
The motor mounted in the machine **RAISING CYLINDER, S.V., ELASTIC** are therefore commanded by the 2724A/1. During problem solving refer to the explanations in the manual FL that lead back to the following diagrams.

ELENCO SCHEDE E COMPONENTI PRINCIPALI
APPARECCHIATURA LONATI S6200-S62S0-CE-V.1
COD. DINEMA 600951 - COD. LONATI D4901291

SCHEDA:	DESCRIZIONE:	Q.TA:
2004/1	Scheda con CPU risc, linea SPI, 4 linee per comunicazione seriale, controllo motore, lettura quota gradi/aghi.	1
2724A/1	Scheda comando 3 motori P-P e 1 elastico per MC con SK 2004/1.	1
1799B/1	Scheda marcia - arresto e controllo alza platò.	1
2799/1	Scheda 16 uscite seriali + 32 ingressi seriali (è possibile espansione con 16 uscite seriali).	1
1896A/1	Scheda interfaccia per tastiera.	1
2751A/1	Alimentatore 500W tamponato.	1
2745A/1	Alimentatore Flyback 50W - 200V (solo Matrix).	1
2858/2 oppure 2844/1	Scheda master comando 40 leve Matrix (Versione con ibrido HYB-16B). Scheda master comando 40 leva Wac	
2846/1 + N°4 2843A/1	Scheda logica + potenza per controllo 4 motori P-P (Optional).	1
	Scheda rampa + VCO da accoppiare a SK 2846-2847 (Optional).	4

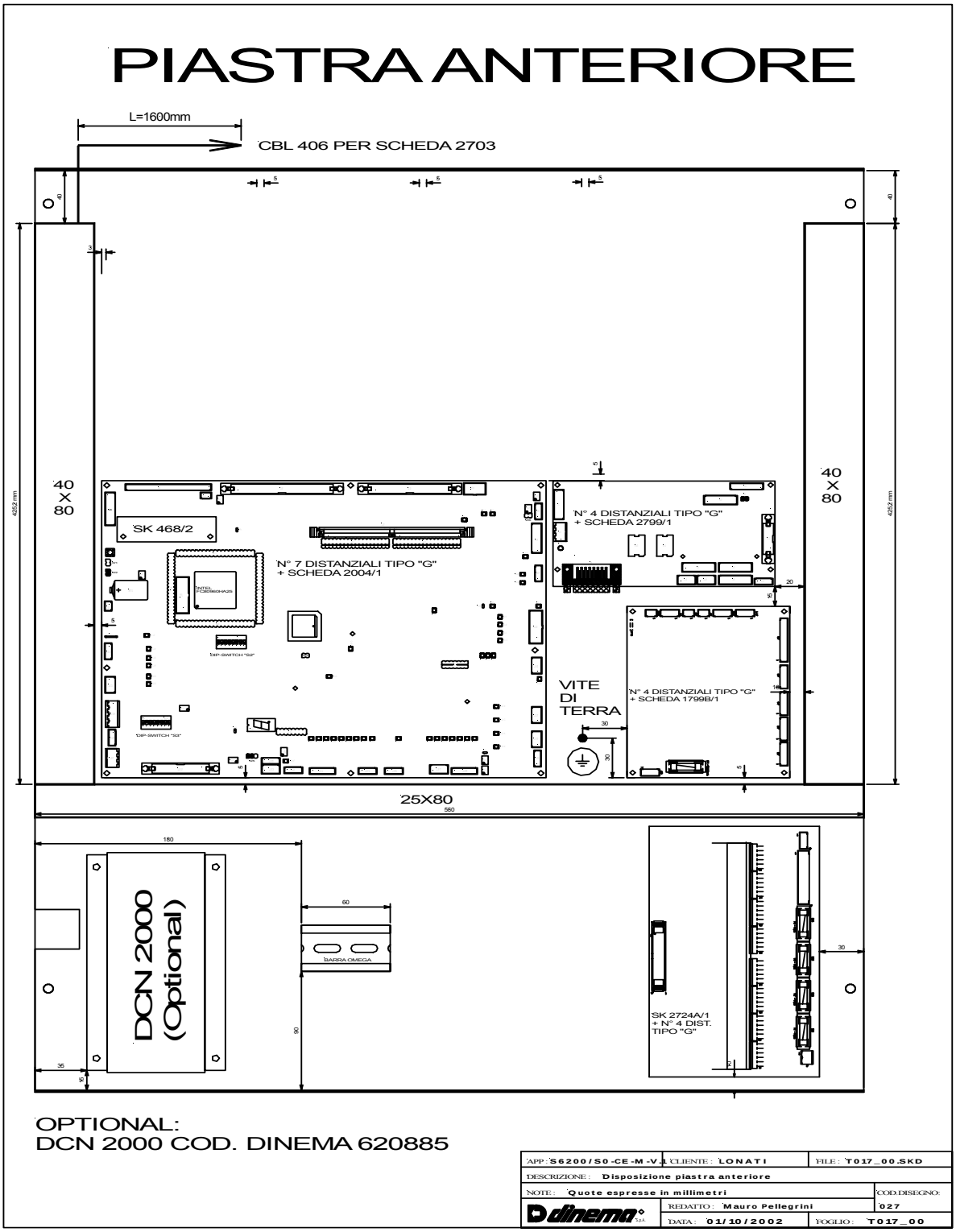
NOME:	DESCRIZIONE:
DS1	Portalampada Breter + gemma rossa.
DS2	Portalampada Breter + gemma gialla.
DS3	Portalampada Breter + gemma verde.
DS4	Portalampada Breter + gemma blu.
DS5	Portalampada Breter + gemma bianca.
FUSIBILE	Fusibile 8A.
JA	Connettore MODU2 4X2 POLI FEMMINA per CBL 0108.
JB1	Connettore MODU2 6 POLI FEMMINA.
JB2	Connettore MODU2 6 POLI MASCHIO.
JC1-JD1	Connettori MODU2 4 POLI MASCHIO.
JC2-JD2	Connettori MODU2 4 POLI FEMMINA.
SL1	Selettore chiave per programmazione lavorazione.
SW1	Micro-switch per sportello posteriore.
SW2	Micro-switch per sportello anteriore.
V1-V2-V3	Ventole 24 VDC 80X32.
B1-B2	Batterie ricaricabili 12V - 1.1Ah.

OPTIONAL:
La SK 2846/1 + 4 SK 2843A/1 e la ventola V3
sono previste solo nel caso di:
PYF P-P 2M LONATI SOA-CE-V.3
COD. DINEMA 622112
COD. LONATI D4901394
PYF P-P 4M LONATI SOA-CE-V.3
COD. DINEMA 622113
COD. LONATI D4901395

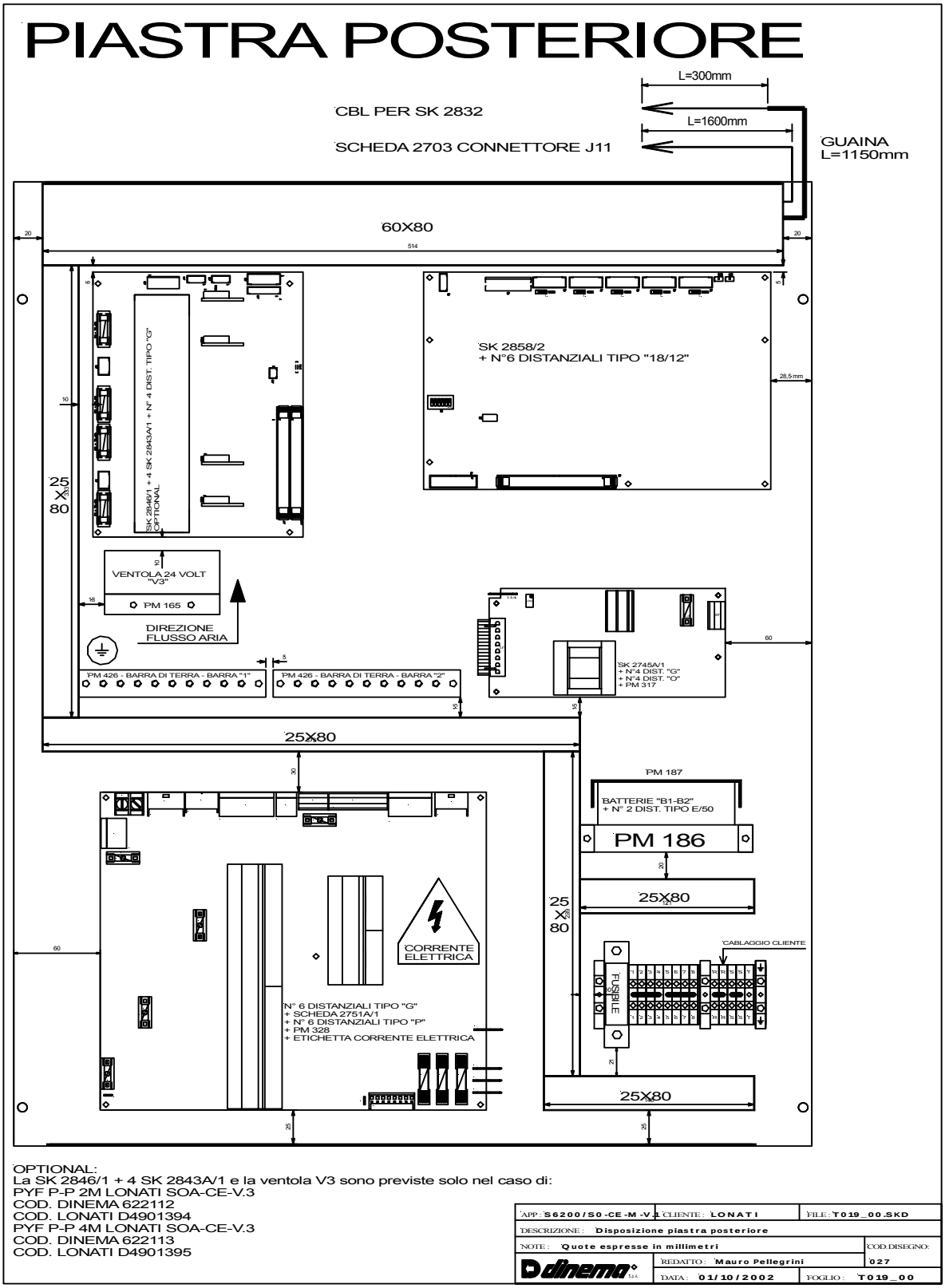
Il DCN 2000 COD. DINEMA 620885
è optional

S6200/S0-V.1 LONATI B001_00.SKD
ELENCO SCHEDE E COMPONENTI PRINCIPALI
Mauro Pellegrini 027
01/10/2002 B001_00

View front panel 62 4 colours (NO-SAW)



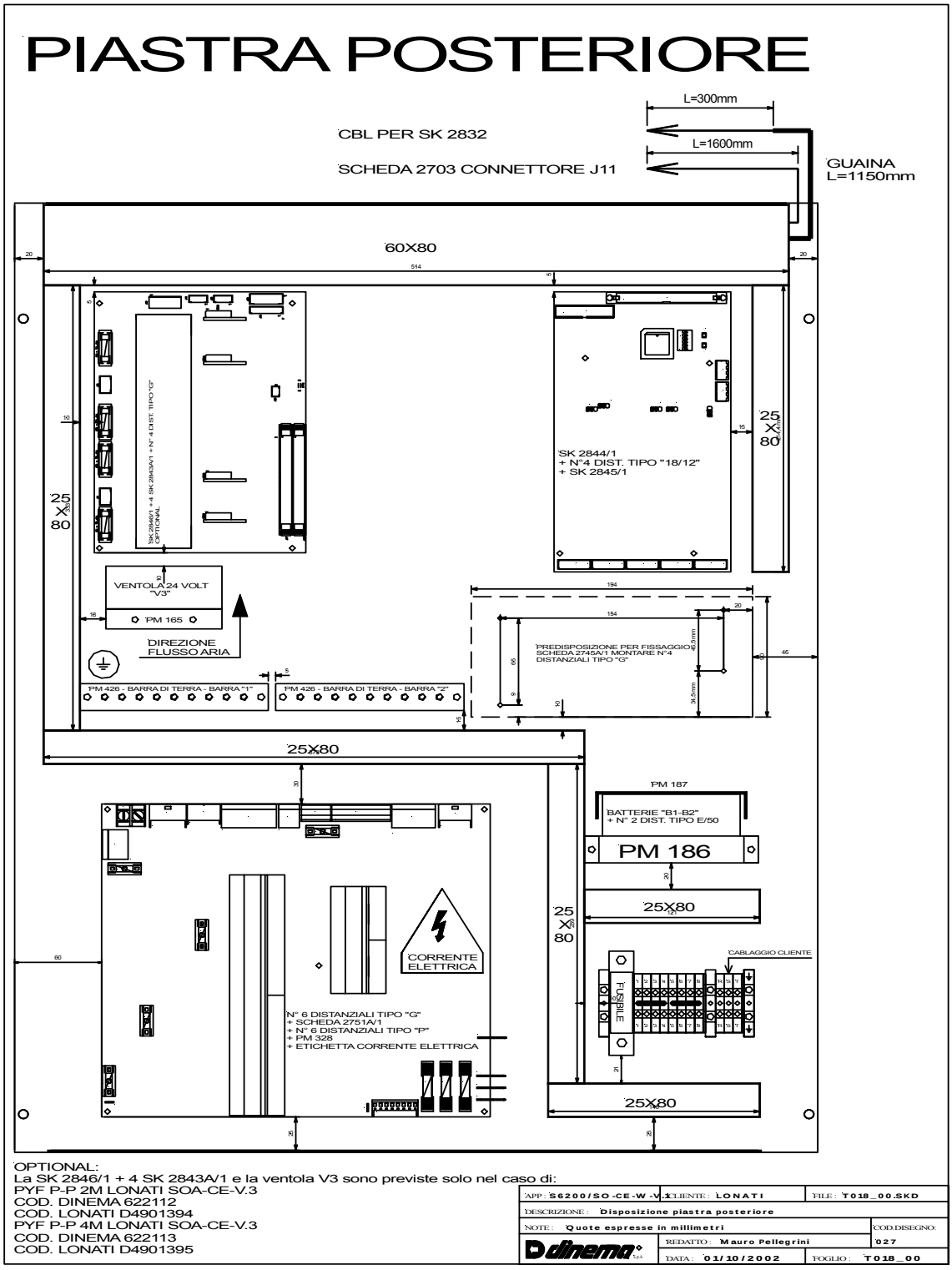
View back panel 62 4colours matrix (NO-SAW)



OPTIONAL:
La SK 2846/1 + 4 SK 2843A/1 e la ventola V3 sono previste solo nel caso di:
PYF P-P 2M LONATI SOA-CE-V.3
COD. DINEMA 622112
COD. LONATI D4901394
PYF P-P 4M LONATI SOA-CE-V.3
COD. DINEMA 622113
COD. LONATI D4901395

APP : S6200/S0-CE-M-V.1	CLIENTE : LONATI	FILE : T019_00.SKD
DESCRIZIONE : Disposizione piastra posteriore		
NOTE : Quote espresse in millimetri		COD.DISEGNO: 027
dinema S.p.A.	REDATTO : Mauro Pellegrini	
	DATA : 01/10/2002	FOGLIO : T019_00

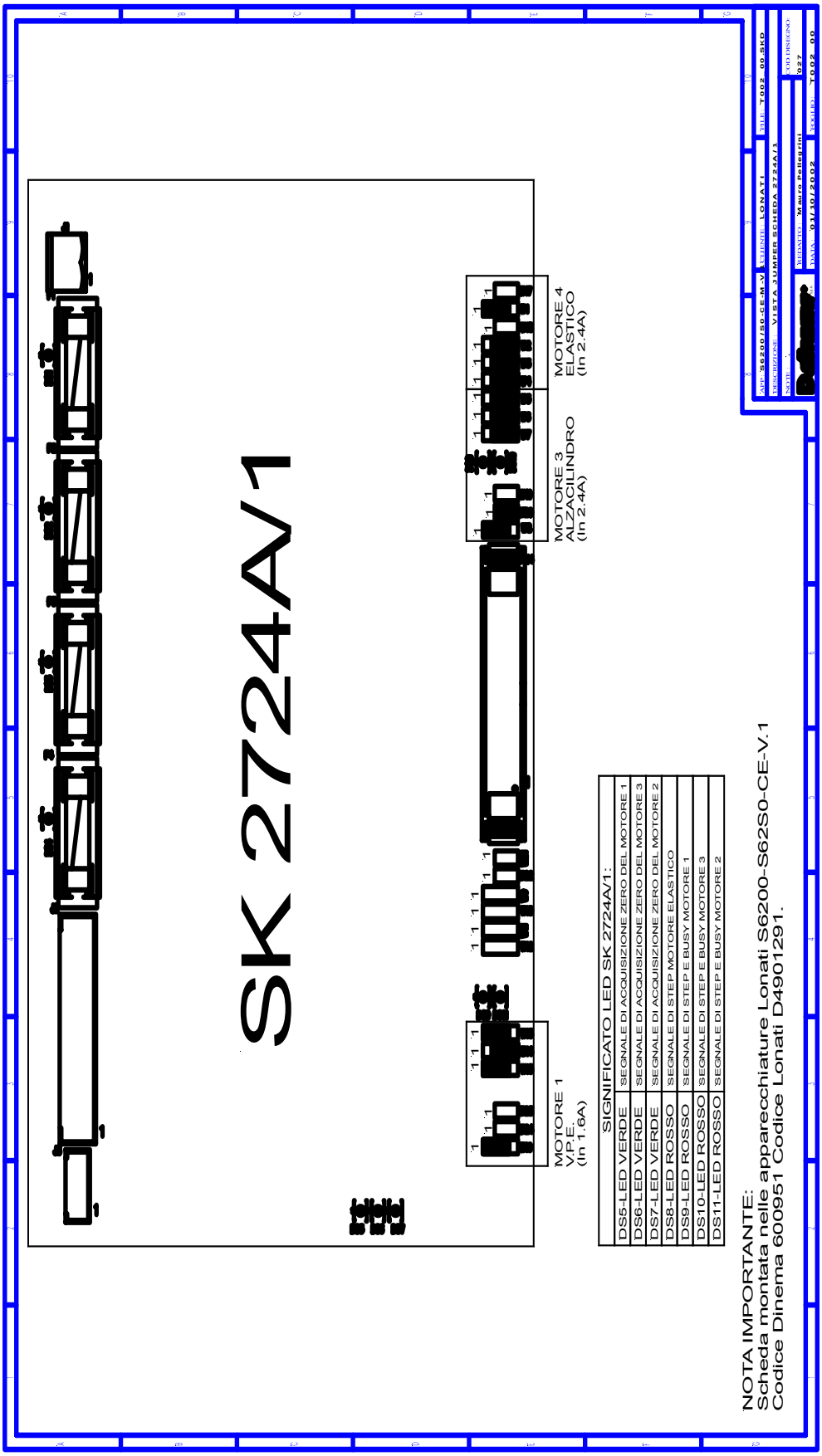
View back panel 62 4colours Wac (NO-SAW)



OPTIONAL:
La SK 2846/1 + 4 SK 2843A/1 e la ventola V3 sono previste solo nel caso di:
PYF P-P 2M LONATI SOA-CE-V.3
COD. DINEMA 622112
COD. LONATI D4901394
PYF P-P 4M LONATI SOA-CE-V.3
COD. DINEMA 622113
COD. LONATI D4901395

APP.: S6200/SO-CE-W-V.1	CLIENTE: LONATI	FILE: T018_00.SKD
DESCRIZIONE: Disposizione piastra posteriore		
NOTE: Quote espresse in millimetri		COD.DISEGNO: 027
dinema S.p.A.	REDATTO: Mauro Pellegrini	
	DATA: 01/10/2002	FOGLIO: T018_00

View and connections board PCB 2724A/1



SCHEDA 2724A/1 MODULO UNICO (Solo per Lonati S6200-S62S0-CE-V.1)

CONN	NP	CBL	NF	CF	SF	CABLAGGIO	CABLAGGIO CLIENTE	DESCRIZIONE
J1	1			BL	1.5	SK 2751 CONN. J8 PIN 8		+36V
J1	2			BL	1.5	SK 2751 CONN. J8 PIN 4		0V
J2	1						ALZACILINDRO (In=2.4A ½ passo)	FASE A MOTORE 1
J2	2						ALZACILINDRO (In=2.4A ½ passo)	FASE *A MOTORE 1
J2	3						ALZACILINDRO (In=2.4A ½ passo)	FASE B MOTORE 1
J2	4						ALZACILINDRO (In=2.4A ½ passo)	FASE *B MOTORE 1
J2	5						V.P.E. (In=1.6A ½ passo)	FASE A MOTORE 2
J2	6						V.P.E. (In=1.6A ½ passo)	FASE *A MOTORE 2
J2	7						V.P.E. (In=1.6A ½ passo)	FASE B MOTORE 2
J2	8						V.P.E. (In=1.6A ½ passo)	FASE *B MOTORE 2
J2	9							FASE A MOTORE 3
J2	10							FASE *A MOTORE 3
J2	11							FASE B MOTORE 3
J2	12							FASE *B MOTORE 3
J2	13						ELASTICO (In=2.4A ½ passo - rotazione oraria)	FASE A MOTORE 4
J2	14						ELASTICO (In=2.4A ½ passo - rotazione oraria)	FASE *A MOTORE 4
J2	15						ELASTICO (In=2.4A ½ passo - rotazione oraria)	FASE B MOTORE 4
J2	16						ELASTICO (In=2.4A ½ passo - rotazione oraria)	FASE *B MOTORE 4
J2	17						Ingresso controllo ALZACILINDRO	INPUT PROX. ZERO MOTORE 1
J2	18						0VDC proximity ALZACILINDRO	0V
J2	19						Ingresso controllo V.P.E.	INPUT PROX. ZERO MOTORE 2
J2	20						0VDC proximity V.P.E.	0V
J2	21							INPUT PROX. ZERO MOTORE 3
J2	22							0V
J2	23							N.C.
J2	24							0V
J2	25							+24V
J2	26							0V
J2	27						24VDC proximity ALZACILINDRO	+24V
J2	28						24VDC proximity V.P.E.	+24V
J2	29							+24V
J2	30							+24V
J3	1							ENABLE EXT. MOTORE 1
J3	2							ENABLE EXT. MOTORE 2
J3	3							ENABLE EXT. MOTORE 3
J3	4							N.C.

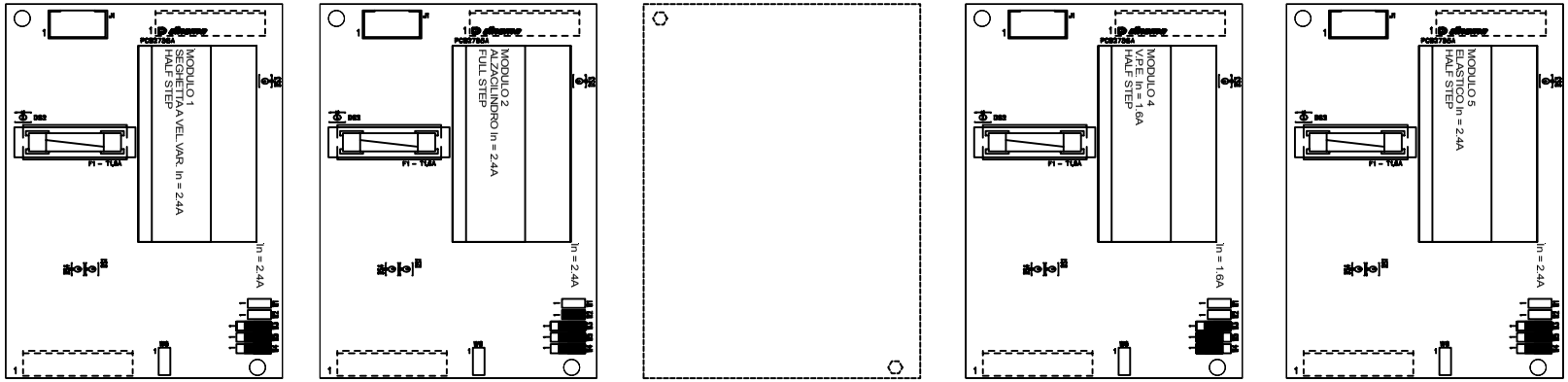
CONN	NP	CBL	NF	CF	SF	CABLAGGIO DINEMA	CABLAGGIO CLIENTE	DESCRIZIONE
J4	1	CBL 0468				SK 2004 CONN. J22 PIN 1		DIREZIONE MOTORE 1
J4	2	CBL 0468				SK 2004 CONN. J22 PIN 2		STEP MOTORE 1
J4	3	CBL 0468				SK 2004 CONN. J22 PIN 3		ZERO MOTORE 1
J4	4	CBL 0468				SK 2004 CONN. J22 PIN 4		*BUSY MOTORE 1
J4	5	CBL 0468				SK 2004 CONN. J22 PIN 5		+5V
J4	6	CBL 0468				SK 2004 CONN. J22 PIN 6		0V
J4	7	CBL 0468				SK 2004 CONN. J22 PIN 7		DIREZIONE MOTORE 2
J4	8	CBL 0468				SK 2004 CONN. J22 PIN 8		STEP MOTORE 2
J4	9	CBL 0468				SK 2004 CONN. J22 PIN 9		ZERO MOTORE 2
J4	10	CBL 0468				SK 2004 CONN. J22 PIN 10		*BUSY MOTORE 2
J4	11	CBL 0468				SK 2004 CONN. J22 PIN 11		+5V
J4	12	CBL 0468				SK 2004 CONN. J22 PIN 12		0V
J4	13	CBL 0468				SK 2004 CONN. J22 PIN 13		DIREZIONE MOTORE 3
J4	14	CBL 0468				SK 2004 CONN. J22 PIN 14		STEP MOTORE 3
J4	15	CBL 0468				SK 2004 CONN. J22 PIN 15		ZERO MOTORE 3
J4	16	CBL 0468				SK 2004 CONN. J22 PIN 16		*BUSY MOTORE 3
J4	17	CBL 0468				SK 2004 CONN. J22 PIN 17		+5V
J4	18	CBL 0468				SK 2004 CONN. J22 PIN 18		0V
J4	19	CBL 0468				SK 2004 CONN. J22 PIN 19		STEP MOTORE ELASTICO
J4	20	CBL 0468				SK 2004 CONN. J22 PIN 20		0V
J4	21	CBL 0468				SK 2004 CONN. J22 PIN 21		+24V
J4	22	CBL 0468				SK 2004 CONN. J22 PIN 22		0V
J4	23	CBL 0468				SK 2004 CONN. J22 PIN 23		+24V
J4	24	CBL 0468				SK 2004 CONN. J22 PIN 24		0V
J4	25	CBL 0468				SK 2004 CONN. J22 PIN 25		+24V
J4	26	CBL 0468				SK 2004 CONN. J22 PIN 26		0V

Il CBL 0468 da collagare alla scheda 2004 e la scheda 2724A/1, vengono montati solo nelle apparecchiature Lonati S6200-S62S0-CE-V.1

J1 = SLA 2 POLI
J2 = MODU2 15X2 POLI
J3 = MODU2 4 POLI
J4 = SEK18 26 POLI

App: S6200-S62S0-CE-MATRIX-V.1	Descrizione: CABLAGGIO SCHEDA 2724A/1	Cliente: LONATI	Note:
Redatto: MAURO PELLEGRINI	Cod. disegno: 027	Nome file: M005_00.DOC	Nome foglio: M005_00 / Data: 01/10/2002

Disposizione SK 2755A/1 "1-2-4-5" su SK 2889A/1
Apparecchiatura Lonati S6200-S62S0-SEGHETTA-CE-MATRIX-V.1
Codice Dinema 600953 - Codice Lonati D4901327:



SIGNIFICATO LED SK 2755A/1:	
DS1-LED GIALLO	SEGNALE DI STEP DEL MOTORE
DS2-LED ROSSO	ROTTURA FUSIBILE F1 +36V
DS3-LED VERDE	PRESENZA +36V
DS4-LED VERDE	ACQUISIZIONE ZERO DA PROXIMITY

APP.: S6200/S0-CE-M-V.1	CLIENTE: LONATI	FILE: T004_00.SKD
DESCRIZIONE: DISPOSIZIONE SK 2755A/1 "1-2-3-4" SU SK 2889A/1		
NOTE: -		COD.DISEGNO: 027
Dinema srl	REDATTO: Mauro Pellegrini	
	DATA:	FOGLIO: T004_00

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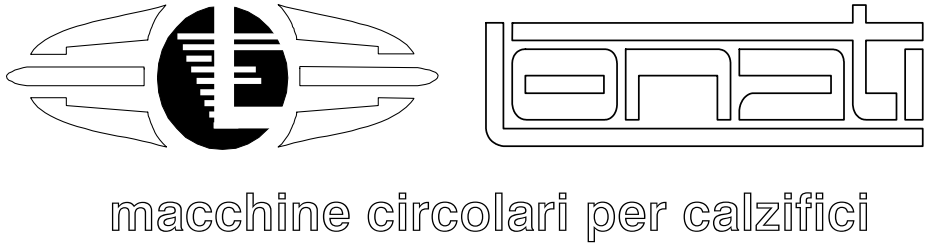

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