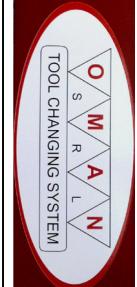


OMAN S.r.l.
Via Case Sparse 103
13848 Zumaglia (BI)
Italy

A
MACCHINA:**TOO-TOWER 1600-150-CAT60/10-IM**B
DESCRIZIONE:**MAGAZZINO PORTAUTENSILI**C
DATI GENERALIC
COMMESSA _____ TTX011C
N. MATRICOLA _____ 101096602D
MODELLO _____ TOO-TOWER 1600-150-CAT60/10-IMC
TENSIONE _____ 460VACC
FREQUENZA _____ 50/60 HzD
AUSILIARI _____ 24VDCD
POTENZA INSTALLATA _____ 10 kWD
CORRENTE INSTALLATA _____ 16AE
CLIENTE _____ INGERSOLLE
NORMATIVA _____E
PAGINE TOTALI PROGETTO _____F
NR. 254

Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT60/10-IM		
Data : 08/04/2010 Rev.		ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMAN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMAN SRL.

INTESTAZIONE ELETTRICA

Pag. 0	
	Pagina successiva
0-1	

F

E

D

C

B

A

A

1

2

2

3

3

4

4

5

5

6

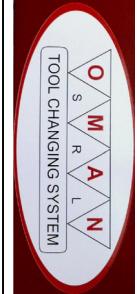
6

7

7

8

8



F

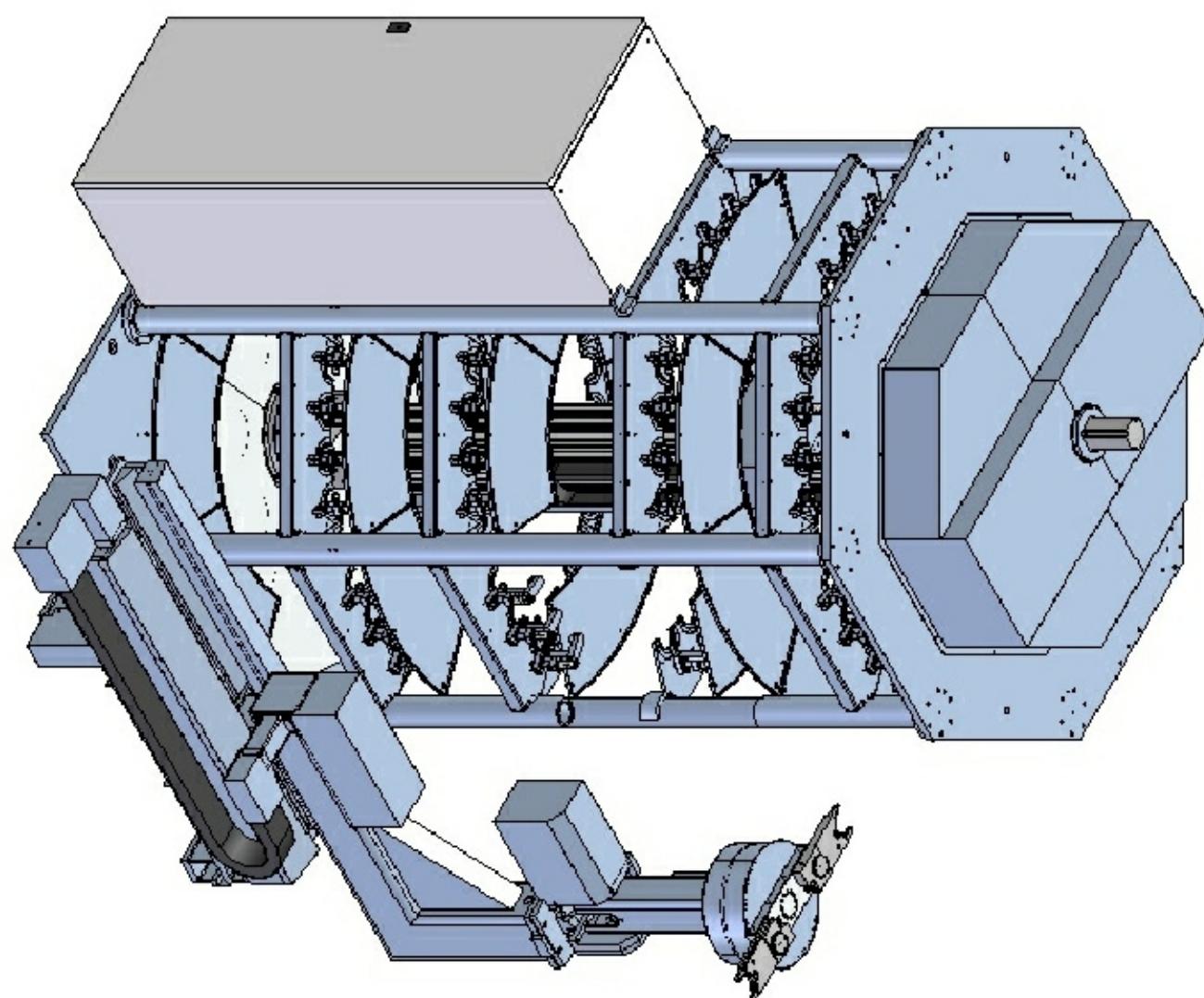
E

D

C

B

A



Maticola : TTX011

Preparato :

Progetto :

Verificato :

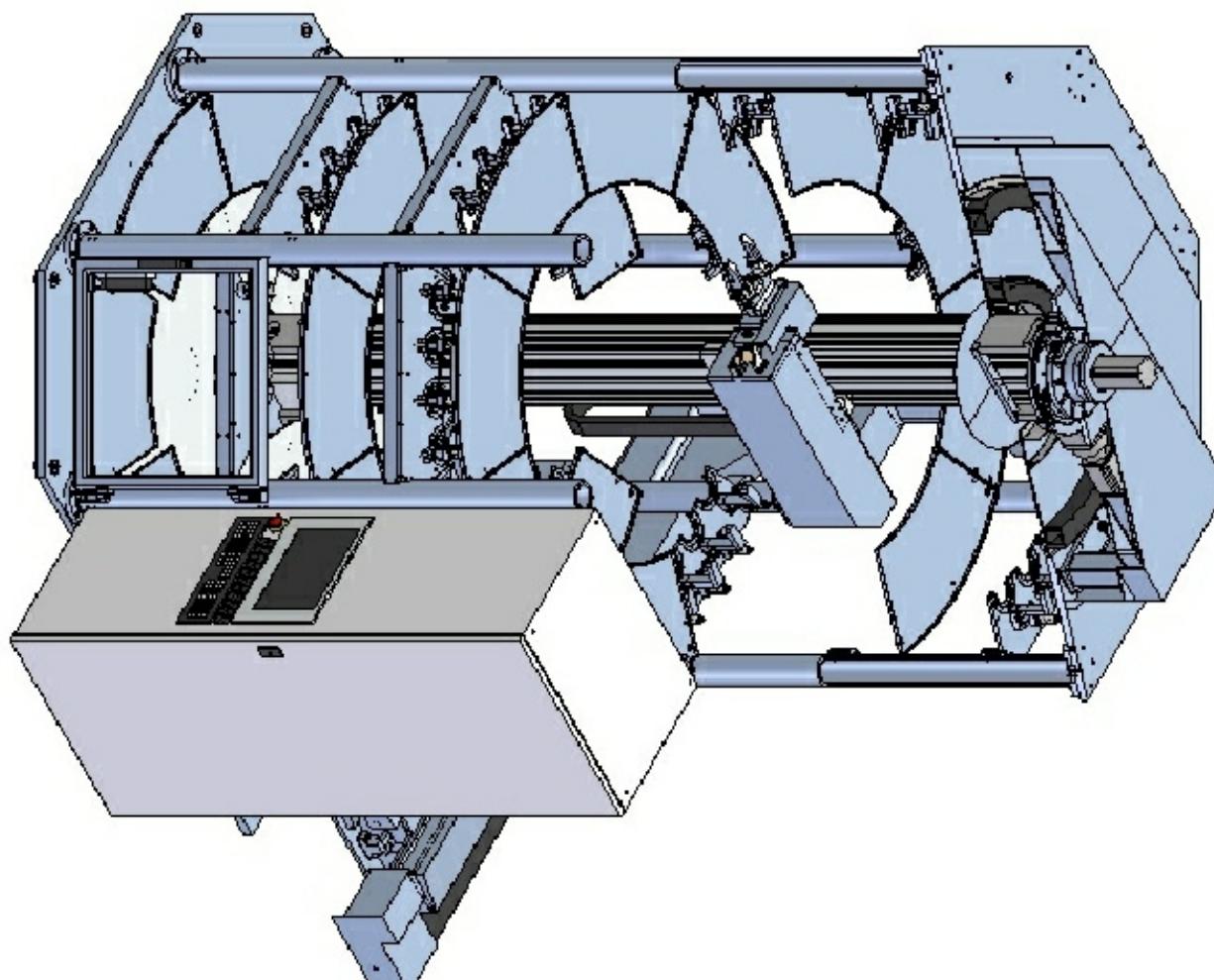
Macchina : TOO-TOWER 1600-150-CAT50x100-M

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMNI SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNI SRL.

Funzione :
LAY-OUT MACCHINA

Pag. 0-1

Pagina successiva
0-LP-001

F

E

D

C

B

A

N.RO PAGINA	NOME	DESCRIZIONE
1 / 254	0	INTESTAZIONE ELETTRICA
2 / 254	0-1	LAY-OUT MACCHINA
3 / 254	0-LP-001	RIEPILOGO PAGINE SCHEMA
4 / 254	0-LP-002	RIEPILOGO PAGINE SCHEMA
5 / 254	0-LP-003	RIEPILOGO PAGINE SCHEMA
6 / 254	0-LP-004	RIEPILOGO PAGINE SCHEMA
7 / 254	0-LP-005	RIEPILOGO PAGINE SCHEMA
8 / 254	0-LS-01	RIEPILOGO SIMBOLI SCHEMA
9 / 254	0-LS-02	RIEPILOGO SIMBOLI SCHEMA
10 / 254	0-LS-03	RIEPILOGO SIMBOLI SCHEMA
11 / 254	0-LS-04	RIEPILOGO SIMBOLI SCHEMA
12 / 254	1	ALIMENTAZIONI
13 / 254	2	ALIMENTAZIONE AUSILIARI
14 / 254	3	ALIMENTAZIONE AUSILIARI
15 / 254	4	MORSETTIERE DI DISTRIBUZIONE
16 / 254	5	ALIM. OPO15 - SCHEDA BHG
17 / 254	6	POTENZA MOTORI/ASSI
18 / 254	7	POTENZA MOTORI/ASSI
19 / 254	8	POTENZA MOTORI/ASSI
20 / 254	9	POTENZA MOTORI/ASSI
21 / 254	10	POTENZA MOTORI/ASSI
22 / 254	11	POTENZA MOTORI/ASSI
23 / 254	12	CIRCUITI DI SICUREZZA
24 / 254	13	CIRCUITI DI SICUREZZA
25 / 254	14	CIRCUITI DI SICUREZZA
26 / 254	15	INGRESSI/DIGITALI/PLC
27 / 254	16	INGRESSI/DIGITALI/PLC
28 / 254	17	INGRESSI/DIGITALI/PLC
29 / 254	18	INGRESSI/DIGITALI/PLC
30 / 254	19	INGRESSI/DIGITALI/PLC
31 / 254	20	USCITE DIGITALI/PLC

N.RO PAGINA	NOME	DESCRIZIONE
32 / 254	21	USCITE DIGITALI/PLC
33 / 254	22	INTERFACCE DI COMANDO E VARIE
34 / 254	23	ELETROVALVOLE
35 / 254	24	ELETTROV. - ELETROSERRATURA
36 / 254	25	COMANDO ELETROFRENI
37 / 254	26	ALIMENTATORE INVERTER ASSI 1 - 2
38 / 254	27	MODULO INVERTER ASSI 1 - 2
39 / 254	28	MODULO INVERTER ASSI 3 - 4
40 / 254	29	MODULO INVERTER ASSI 5
41 / 254	30	ALIM. COMPONENTI/ELETTRONICI
42 / 254	31	RETE PROFIBUS
43 / 254	51	LAYOUT
44 / 254	CAVI-001	RIEPILOGO CAVI
45 / 254	CAVI-002	RIEPILOGO CAVI
46 / 254	CAVI-003	RIEPILOGO CAVI
47 / 254	CAVI-004	RIEPILOGO CAVI
48 / 254	CAVI-005	RIEPILOGO CAVI
49 / 254	CAVI-006	RIEPILOGO CAVI
50 / 254	CAVI-007	RIEPILOGO CAVI
51 / 254	CAVI-008	RIEPILOGO CAVI
52 / 254	CAVI-009	RIEPILOGO CAVI
53 / 254	CAVI-010	RIEPILOGO CAVI
54 / 254	FILL-W1	DISTINTA CAVO
55 / 254	FILL-W2	DISTINTA CAVO
56 / 254	FILL-W3	DISTINTA CAVO
57 / 254	FILL-W4	DISTINTA CAVO
58 / 254	FILL-W5	DISTINTA CAVO
59 / 254	FILL-W6	DISTINTA CAVO
60 / 254	FILL-W7	DISTINTA CAVO
61 / 254	FILL-WB1-1A	DISTINTA CAVO
62 / 254	FILL-WB1-1B	DISTINTA CAVO

Motricola	Prodotto	Funzione
O W R S A L N TOOL CHANGING SYSTEM	Verificato :	RIEPILOGO PAGINE SCHEMA
Macchina : TOO-TOWER 1600-150-CAT 6000-M		
Data : 08/04/2010 Rev.		ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.
		Pag. 0-LP-001
		Pagina successiva 0-LP-002

N.RO PAGINA	NOME	DESCRIZIONE
63 / 254	FILL-WB1-2A	DISTINTA CAVO
64 / 254	FILL-WB1-2B	DISTINTA CAVO
65 / 254	FILL-WB1-3A	DISTINTA CAVO
66 / 254	FILL-WB1-3B	DISTINTA CAVO
67 / 254	FILL-WB1-4A	DISTINTA CAVO
68 / 254	FILL-WB1-4B	DISTINTA CAVO
69 / 254	FILL-WB1-5A	DISTINTA CAVO
70 / 254	FILL-WB1-5B	DISTINTA CAVO
71 / 254	FILL-WB1-6A	DISTINTA CAVO
72 / 254	FILL-WB1-6B	DISTINTA CAVO
73 / 254	FILL-WB1-7A	DISTINTA CAVO
74 / 254	FILL-WB1-7B	DISTINTA CAVO
75 / 254	FILL-WB1-8A	DISTINTA CAVO
76 / 254	FILL-WB1-8B	DISTINTA CAVO
77 / 254	FILL-WB2-1	DISTINTA CAVO
78 / 254	FILL-WB2-2	DISTINTA CAVO
79 / 254	FILL-WB2-3	DISTINTA CAVO
80 / 254	FILL-WB2-3-001	DISTINTA CAVO
81 / 254	FILL-WB3-1	DISTINTA CAVO
82 / 254	FILL-WB3-1A	DISTINTA CAVO
83 / 254	FILL-WB3-2	DISTINTA CAVO
84 / 254	FILL-WB3-2A	DISTINTA CAVO
85 / 254	FILL-WB3-4	DISTINTA CAVO
86 / 254	FILL-WB3-5	DISTINTA CAVO
87 / 254	FILL-WB3-7	DISTINTA CAVO
88 / 254	FILL-WB4-1	DISTINTA CAVO
89 / 254	FILL-WB4-2	DISTINTA CAVO
90 / 254	FILL-WB4-3	DISTINTA CAVO
91 / 254	FILL-WB4-4	DISTINTA CAVO
92 / 254	FILL-WB4-5	DISTINTA CAVO
93 / 254	FILL-WB4-5-001	DISTINTA CAVO

N.RO PAGINA	NOME	DESCRIZIONE
94 / 254	FILL-WB5-1	DISTINTA CAVO
95 / 254	FILL-WB5-3	DISTINTA CAVO
96 / 254	FILL-WB5-3A	DISTINTA CAVO
97 / 254	FILL-WB5-4	DISTINTA CAVO
98 / 254	FILL-WB5-4A	DISTINTA CAVO
99 / 254	FILL-WB5-5	DISTINTA CAVO
100 / 254	FILL-WB5-6	DISTINTA CAVO
101 / 254	FILL-WB5-7	DISTINTA CAVO
102 / 254	FILL-WB6-1	DISTINTA CAVO
103 / 254	FILL-WB6-2	DISTINTA CAVO
104 / 254	FILL-WD1	DISTINTA CAVO
105 / 254	FILL-WD2	DISTINTA CAVO
106 / 254	FILL-WD3	DISTINTA CAVO
107 / 254	FILL-WD4	DISTINTA CAVO
108 / 254	FILL-WLQ1	DISTINTA CAVO
109 / 254	FILL-WLQ2	DISTINTA CAVO
110 / 254	FILL-WM1A	DISTINTA CAVO
111 / 254	FILL-WM1B	DISTINTA CAVO
112 / 254	FILL-WM2A	DISTINTA CAVO
113 / 254	FILL-WM2B	DISTINTA CAVO
114 / 254	FILL-WM3A	DISTINTA CAVO
115 / 254	FILL-WM3B	DISTINTA CAVO
116 / 254	FILL-WM4A	DISTINTA CAVO
117 / 254	FILL-WM4B	DISTINTA CAVO
118 / 254	FILL-WM5A	DISTINTA CAVO
119 / 254	FILL-WM5B	DISTINTA CAVO
120 / 254	FILL-WS0	DISTINTA CAVO
121 / 254	FILL-WS1	DISTINTA CAVO
122 / 254	FILL-WS2	DISTINTA CAVO
123 / 254	FILL-WS3	DISTINTA CAVO
124 / 254	FILL-WT1A	DISTINTA CAVO



TOOL CHANGING SYSTEM

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, ENTIRELY OR PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

RIEPILOGO PAGINE SCHEMA

Pag. 0-LP-002

Pagina successiva
0-LP-003

A	N.RO PAGINA	NOME	DESCRIZIONE
	125 / 254	FILL-WT1B	DISTINTA CAVO
	126 / 254	FILL-WT2A	DISTINTA CAVO
	127 / 254	FILL-WT2B	DISTINTA CAVO
	128 / 254	FILL-WT3A	DISTINTA CAVO
	129 / 254	FILL-WT3B	DISTINTA CAVO
	130 / 254	FILL-WT4A	DISTINTA CAVO
	131 / 254	FILL-WT4B	DISTINTA CAVO
	132 / 254	FILL-WT5A	DISTINTA CAVO
	133 / 254	FILL-WT5B	DISTINTA CAVO
	134 / 254	MORSETTIERE-001	RIEPILOGO MORSETTIERE
	135 / 254	MORSETTIERE-002	RIEPILOGO MORSETTIERE
	136 / 254	MORSETTIERE-003	RIEPILOGO MORSETTIERE
	137 / 254	MORSETTIERE-004	RIEPILOGO MORSETTIERE
	138 / 254	MORSETTIERE-005	RIEPILOGO MORSETTIERE
	139 / 254	MORSETTIERE-006	RIEPILOGO MORSETTIERE
	140 / 254	S7-300-0011	PLC
	141 / 254	TEST-LAYOUT	LAY-OUT
	142 / 254	X0-001	RIEPILOGO MORSETTI
	143 / 254	X1-001	RIEPILOGO MORSETTI
	144 / 254	X2-001	RIEPILOGO MORSETTI
	145 / 254	X3-001	RIEPILOGO MORSETTI
	146 / 254	X4-001	RIEPILOGO MORSETTI
	147 / 254	X5-001	RIEPILOGO MORSETTI
	148 / 254	X6-001	RIEPILOGO MORSETTI
	149 / 254	X7-001	RIEPILOGO MORSETTI
	150 / 254	X8-001	RIEPILOGO MORSETTI
	151 / 254	X9-001	RIEPILOGO MORSETTI
	152 / 254	X10-001	RIEPILOGO MORSETTI
	153 / 254	X200-001	RIEPILOGO MORSETTI
	154 / 254	X201-001	RIEPILOGO MORSETTI
	155 / 254	X202-001	RIEPILOGO MORSETTI

A	N.RO PAGINA	NOME	DESCRIZIONE
	156 / 254	X203-001	RIEPILOGO MORSETTI
	157 / 254	XB2-001	RIEPILOGO MORSETTI
	158 / 254	XB3-001	RIEPILOGO MORSETTI
	159 / 254	XB4-001	RIEPILOGO MORSETTI
	160 / 254	XB5-001	RIEPILOGO MORSETTI
	161 / 254	XB6-001	RIEPILOGO MORSETTI
	162 / 254	XB7-001	RIEPILOGO MORSETTI
	163 / 254	XCA-001	RIEPILOGO CONNETTORI 3 PIN
	164 / 254	XCF1-001	RIEPILOGO CONNETTORI 2 PIN
	165 / 254	XCF3-001	RIEPILOGO CONNETTORI 2 PIN
	166 / 254	XCF4-001	RIEPILOGO CONNETTORI 2 PIN
	167 / 254	XCF5-001	RIEPILOGO CONNETTORI 2 PIN
	168 / 254	XCH1-001	RIEPILOGO CONNETTORI 16 PIN
	169 / 254	XCH1-1A-001	RIEPILOGO CONNETTORI 4 PIN
	170 / 254	XCH1-1B-001	RIEPILOGO CONNETTORI 4 PIN
	171 / 254	XCH1-2A-001	RIEPILOGO CONNETTORI 4 PIN
	172 / 254	XCH1-2B-001	RIEPILOGO CONNETTORI 4 PIN
	173 / 254	XCH1-3A-001	RIEPILOGO CONNETTORI 4 PIN
	174 / 254	XCH1-3B-001	RIEPILOGO CONNETTORI 4 PIN
	175 / 254	XCH1-4A-001	RIEPILOGO CONNETTORI 4 PIN
	176 / 254	XCH1-4B-001	RIEPILOGO CONNETTORI 4 PIN
	177 / 254	XCH1-5A-001	RIEPILOGO CONNETTORI 4 PIN
	178 / 254	XCH1-5B-001	RIEPILOGO CONNETTORI 4 PIN
	179 / 254	XCH1-6A-001	RIEPILOGO CONNETTORI 4 PIN
	180 / 254	XCH1-6B-001	RIEPILOGO CONNETTORI 4 PIN
	181 / 254	XCH1-7A-001	RIEPILOGO CONNETTORI 4 PIN
	182 / 254	XCH1-7B-001	RIEPILOGO CONNETTORI 4 PIN
	183 / 254	XCH1-8A-001	RIEPILOGO CONNETTORI 4 PIN
	184 / 254	XCH1-8B-001	RIEPILOGO CONNETTORI 4 PIN
	185 / 254	XCH1A-001	RIEPILOGO CONNETTORI 18 PIN
	186 / 254	XCH2-001	RIEPILOGO CONNETTORI 16 PIN



TOOL CHANGING SYSTEM

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

RIEPILOGO PAGINE SCHEMA

Pag. 0-LP-003

Pagina successiva
0-LP-004

A	N.RO PAGINA	NOME	DESCRIZIONE
	187 / 254	XCH3-001	RIEPILOGO CONNETTORI 16 PIN
	188 / 254	XCH3-1-001	RIEPILOGO CONNETTORI 4 PIN
	189 / 254	XCH3-2-001	RIEPILOGO CONNETTORI 4 PIN
	190 / 254	XCH3-5-001	RIEPILOGO CONNETTORI 4 PIN
	191 / 254	XCH3-7-001	RIEPILOGO CONNETTORI 4 PIN
	192 / 254	XCH4-001	RIEPILOGO CONNETTORI 16 PIN
	193 / 254	XCH5-001	RIEPILOGO CONNETTORI 18 PIN
	194 / 254	XCH5-1A-001	RIEPILOGO CONNETTORI 16 PIN
	195 / 254	XCH5-24-001	RIEPILOGO CONNETTORI 16 PIN
	196 / 254	XCH5-3-001	RIEPILOGO CONNETTORI 4 PIN
	197 / 254	XCH5-4-001	RIEPILOGO CONNETTORI 4 PIN
	198 / 254	XCH5-5-001	RIEPILOGO CONNETTORI 4 PIN
	199 / 254	XCH6-001	RIEPILOGO CONNETTORI 6 PIN
	200 / 254	XCH7-001	RIEPILOGO CONNETTORI 4 PIN
	201 / 254	XCM1A-001	RIEPILOGO CONNETTORI 3 PIN
	202 / 254	XCM1B-001	RIEPILOGO CONNETTORI 6 PIN
	203 / 254	XCM1C-001	RIEPILOGO CONNETTORI 6 PIN
	204 / 254	XCM2A-001	RIEPILOGO CONNETTORI 3 PIN
	205 / 254	XCM2B-001	RIEPILOGO CONNETTORI 6 PIN
	206 / 254	XCM2C-001	RIEPILOGO CONNETTORI 6 PIN
	207 / 254	XCM3A-001	RIEPILOGO CONNETTORI 3 PIN
	208 / 254	XCM3B-001	RIEPILOGO CONNETTORI 6 PIN
	209 / 254	XCM3C-001	RIEPILOGO CONNETTORI 6 PIN
	210 / 254	XCM4A-001	RIEPILOGO CONNETTORI 3 PIN
	211 / 254	XCM4B-001	RIEPILOGO CONNETTORI 6 PIN
	212 / 254	XCM4C-001	RIEPILOGO CONNETTORI 6 PIN
	213 / 254	XCM5A-001	RIEPILOGO CONNETTORI 3 PIN
	214 / 254	XCM5B-001	RIEPILOGO CONNETTORI 6 PIN
	215 / 254	XCM5C-001	RIEPILOGO CONNETTORI 6 PIN
	216 / 254	XCTIA-001	RIEPILOGO CONNETTORI 25 PIN
	217 / 254	XCTIB-001	RIEPILOGO CONNETTORI 18 PIN

B	N.RO PAGINA	NOME	DESCRIZIONE
	218 / 254	XCT1C-001	RIEPILOGO CONNETTORI 18 PIN
	219 / 254	XCT2A-001	RIEPILOGO CONNETTORI 25 PIN
	220 / 254	XCT2B-001	RIEPILOGO CONNETTORI 18 PIN
	221 / 254	XCT2C-001	RIEPILOGO CONNETTORI 18 PIN
	222 / 254	XCT3A-001	RIEPILOGO CONNETTORI 25 PIN
	223 / 254	XCT3B-001	RIEPILOGO CONNETTORI 18 PIN
	224 / 254	XCT3C-001	RIEPILOGO CONNETTORI 18 PIN
	225 / 254	XCT4A-001	RIEPILOGO CONNETTORI 25 PIN
	226 / 254	XCT4B-001	RIEPILOGO CONNETTORI 18 PIN
	227 / 254	XCT4C-001	RIEPILOGO CONNETTORI 18 PIN
	228 / 254	XCT5A-001	RIEPILOGO CONNETTORI 25 PIN
	229 / 254	XCT5B-001	RIEPILOGO CONNETTORI 18 PIN
	230 / 254	XCT5C-001	RIEPILOGO CONNETTORI 25 PIN
	231 / 254	XC_6SN118_10P_D-001	RIEPILOGO CONNETTORI 18 PIN
	232 / 254	XC_6SN118_10P_S-001	RIEPILOGO CONNETTORI 10 PIN
	233 / 254	XC_6SN118_11P_D-001	RIEPILOGO CONNETTORI 10 PIN
	234 / 254	XC_6SN118_11P_S-001	RIEPILOGO CONNETTORI 11 PIN
	235 / 254	XC_6SN118_11P_S-002	RIEPILOGO CONNETTORI 11 PIN
	236 / 254	XC_6SN118_2P_S-001	RIEPILOGO CONNETTORI 2 PIN
	237 / 254	XC_6SN118_2P_S-002	RIEPILOGO CONNETTORI 2 PIN
	238 / 254	XC_6SN118_5P_S-001	RIEPILOGO CONNETTORI 5 PIN 611U
	239 / 254	XC_6SN118_5P_S-002	RIEPILOGO CONNETTORI 5 PIN 611U
	240 / 254	XC_6SN118_6P_S-003	RIEPILOGO CONNETTORI 5 PIN 611U
	241 / 254	XC_6SN118_6P_D-001	RIEPILOGO CONNETTORI 6 PIN
	242 / 254	XC_6SN118_6P_S-001	RIEPILOGO CONNETTORI 6 PIN
	243 / 254	XC_6SN118_8P_S-001	RIEPILOGO CONNETTORI 8 PIN R45
	244 / 254	ZDB-01	DISTINTA CON FUNZIONI
	245 / 254	ZDB-02	DISTINTA CON FUNZIONI
	246 / 254	ZDB-03	DISTINTA CON FUNZIONI
	247 / 254	ZDB-04	DISTINTA CON FUNZIONI
	248 / 254	ZDB-05	DISTINTA CON FUNZIONI

Matericola : TTX011

Preparato :

Funzione :

RIEPILOGO PAGINE SCHEMA

Progetto :

Verificato :

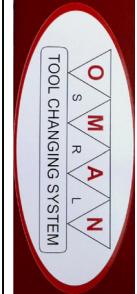
Pag. 0-LP-004

Macchina : TOO-TOWER 1600-150-CAT6P/600-M

Data : 08/04/2010 Rev.

Pagina successiva

0-LP-005



TOOL CHANGING SYSTEM

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

1

2

3

4

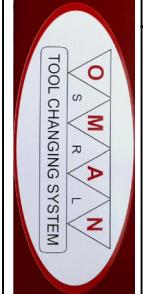
5

6

7

8

SIMBOLO	NOME SIMBOLO	DESCRIZIONE	SIGLA	ESTENS.
A				A
O	030202	Morsetto		
O	030202-BOX	Morsetto scatola		
B				B
O	030202-PE	Morsetto PE		
0.30x	030202-PLC-I	Morsetto Input PLC		
C				C
O	030202A	Morsetto		
-C	030301D	Polo connettore femmina		
D				D
-	030303D	Polo connettore maschio		
E				E
030305	030305	Connettore femmina e maschio		
E				E
030305RA	030305RA	Connettore femmina e maschio		
F				F
070201	070201	Contatto NA		
F				F
071302-3F	071302-3F	Contattore tripolare di potenza		



Motricola : TTX011

Preparato :

Funzione : **RIEPILOGO SIMBOLI SCHEMA**

Pag. 0-LS-01

Pagine successive

Progetto :

Verificato :

R

0-LS-02

Macchina : TOO-TOWER 1600-150-CAT

Rev. M

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Data : 28/01/2010

Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

1

2

3

4

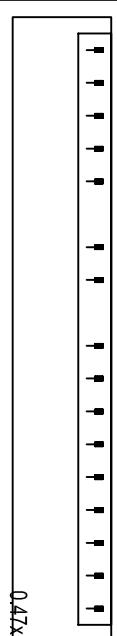
5

6

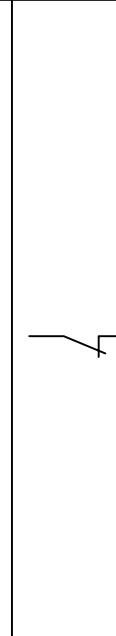
7

8

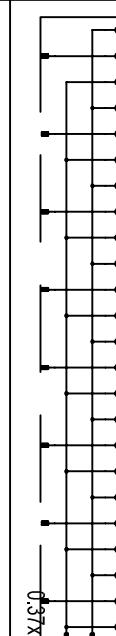
A

SIMBOLO**NOME SIMBOLO****DESCRIZIONE****SIGLA****ESTENS.**

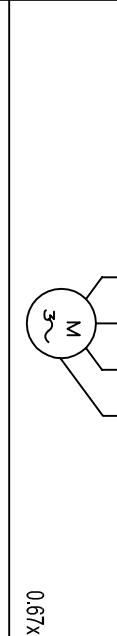
ENCODER-INFERIORE-ENDAT
Encoder inferiore endat



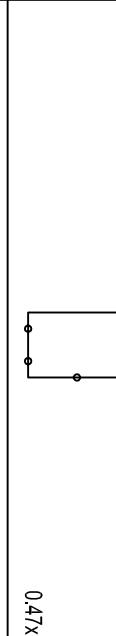
Contatto NC
...
B



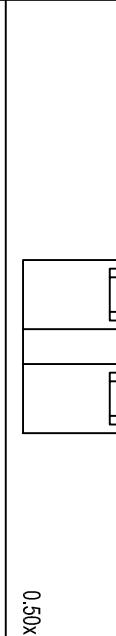
BASETTA_BE_08
Basetta 8 POSTI
...
B



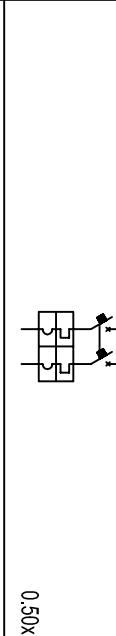
060801C
Motore trifase con PE
B...
B



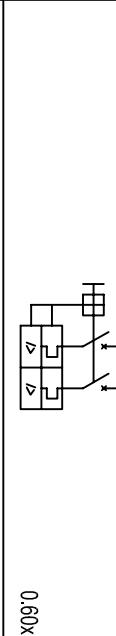
0.67x
ALI-SITOP
Alimentatore 24VDC per S7-300
B...
B



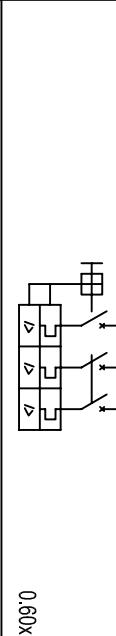
DP_DP
DpDp_Kupler
C...
C



0.50x
0713104-2F
Interruttore bip. autom. con protezione max corr. e termica
CB...
CB...
D



0.60x
071601G
Interruttore trip. autom. con protezione max corr. e termica
CB...
CB...
D...



050607PNP
Fotocellula PNP
D...
D



E
081001
Segnalazione luminosa
DS...
E



F
072101
Fusibile
F...
F

Motricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT 6000-M

Preparato :
Verificato :
Data : 28/01/2010 Rev.

Funzione :
RIEPILOGO SIMBOLI SCHEMA

Pag. 0-LS-02

Pagina successiva
0-LS-03

TOOL CHANGING SYSTEM

1

2

3

4

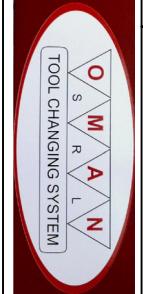
5

6

7

8

SIMBOLO	NOME SIMBOLo	DESCRIZIONE	SIGLA	ESTENS.
A	NEON_1	Tubo fluorescente	H...	A
B	071501	Bobina relè	K...	B
C	071501T	Bobina contattore	K...	C
D	071502A	Elettrovalvola aperta	K...	D
E	111604	Serratura elettrica	K...	E
F	PNOZ-X2P	Modulo di sicurezza	K...	F
G	021308C	Pulsante di emergenza NC	S...	G
H	070702	Pulsante NA	S...	H
I	070704	Selettore NA con comando rotativo	S...	I
J	070801	Fine corsa NA	S...	J
K	070802	Fine corsa NC	S...	K
L	070902	Contatto NC sensibile alla temperatura	S...	L



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 17/02/2010 Rev.

Preparato :
Verificato :
070902
F

Funzione :
RIEPILOGO SIMBOLI SCHEMA

Pag. 0-LS-03
Pagina successiva
0-LS-04

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F</

1

2

3

4

5

6

7

8

SIMBOLO

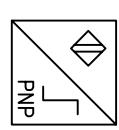
NOME SIMBOLo

DESCRIZIONE

SIGLA

ESTENS.

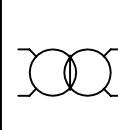
A



071901PNP

Sensore di prossimità PNP

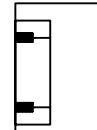
S...



061001

TRASFORMATORE MONOFASE CON SCH.

T...



CONN_DP_1

CONNETTORE DP

XCDP...

C

B

D

E

F

G

H



Motricola : TTX011

Preparato :
 Verificato :

Pag. 0-LS-04

Pagina successiva

Progetto :

Macchina : TOO-TOWER 1600-150-CAT 6000-M

1

Data : 17/02/2010

Rev. ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

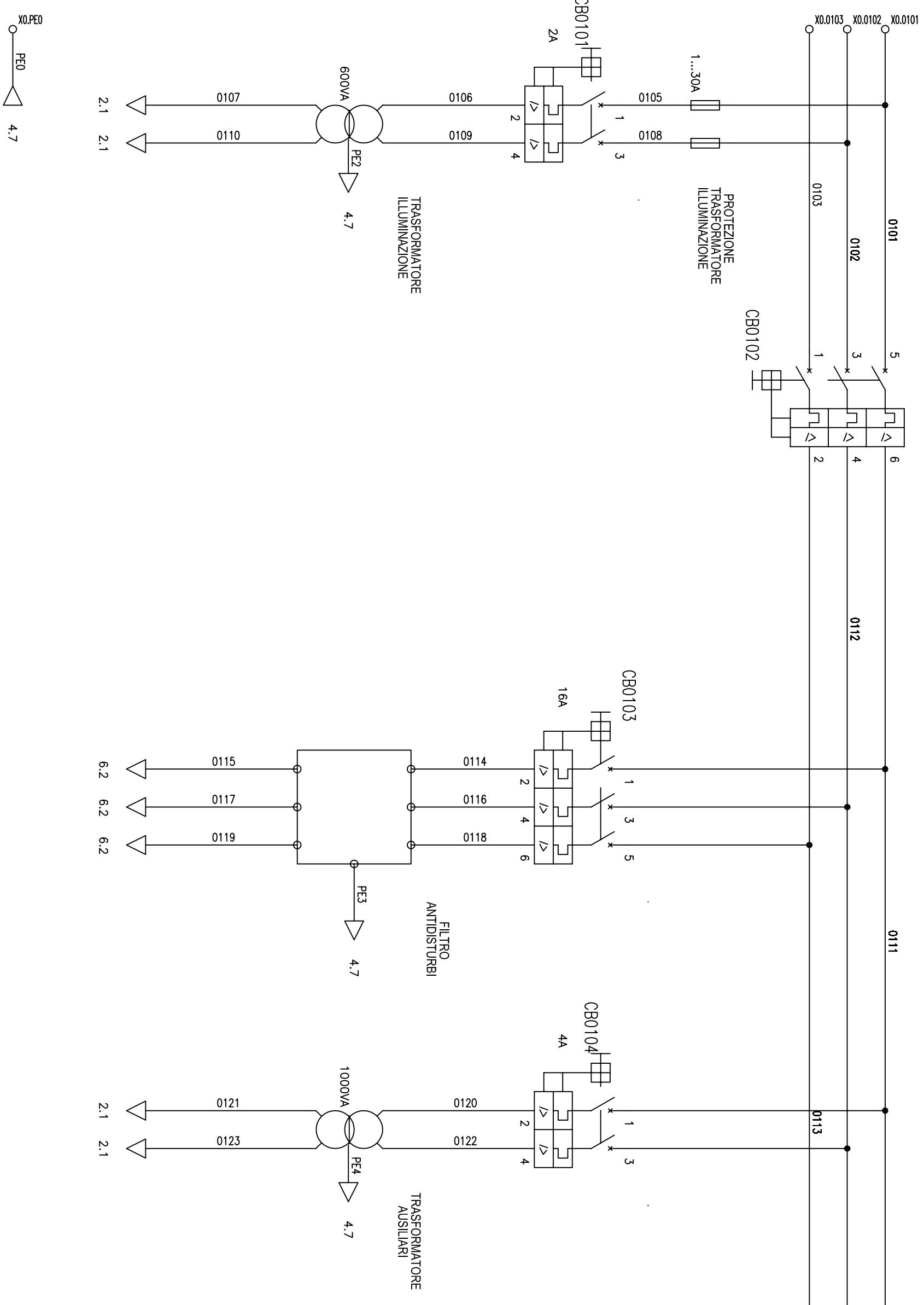
1 2 3 4 5 6 7 8

ILLUMINAZIONE ARMADIO

INTERRUTTORE GENERALE

ALIMENTAZIONE INVERTER

ALIMENTAZIONE AUSILIARI



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT	Rev. M	
Data : 08/04/2010		ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. 1

Pagina successiva
2

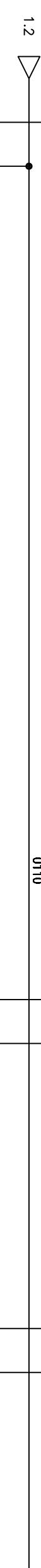
1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

COMANDO
LUCE QUADRO

LUCE QUADRO

ALIM. CHILLER

ALIMENTATORE 24VDC



Maticola : TTX011

Progetto :

Macchina :

Data :

Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 14/01/2010 Rev.

Preparato :
Verificato :
Soprintendente : M
ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.

Pag. 3

Pagina successiva
4

ALIMENTAZIONE
DISTRIBUZIONE

4.4 0V

2.7 △ △

ALIMENTAZIONE
CPU 0V

30.4

2.7 △

ALIMENTAZIONE
CPU +24V

30.3 +24V

ALIM. OP15

4.1 +24V_1



ALIM. ASSI

4.1 +24V_2



ALIM.
ELETTOFRENI

4.1 +24V_3



ALIM. COMANDI
INTERNO QUADRO

4.1 +24V_4



ALIM. SEGNALI
TORRE

4.1 +24V_5



ALIM. SEGNALI
BRACCIO DI CAMBIO

4.1 +24V_6



ALIM.
ELETROVALVOLE

4.1 +24V_7



ALIM.
MODULO DP-DP

4.4 +24V_8



F

E

D

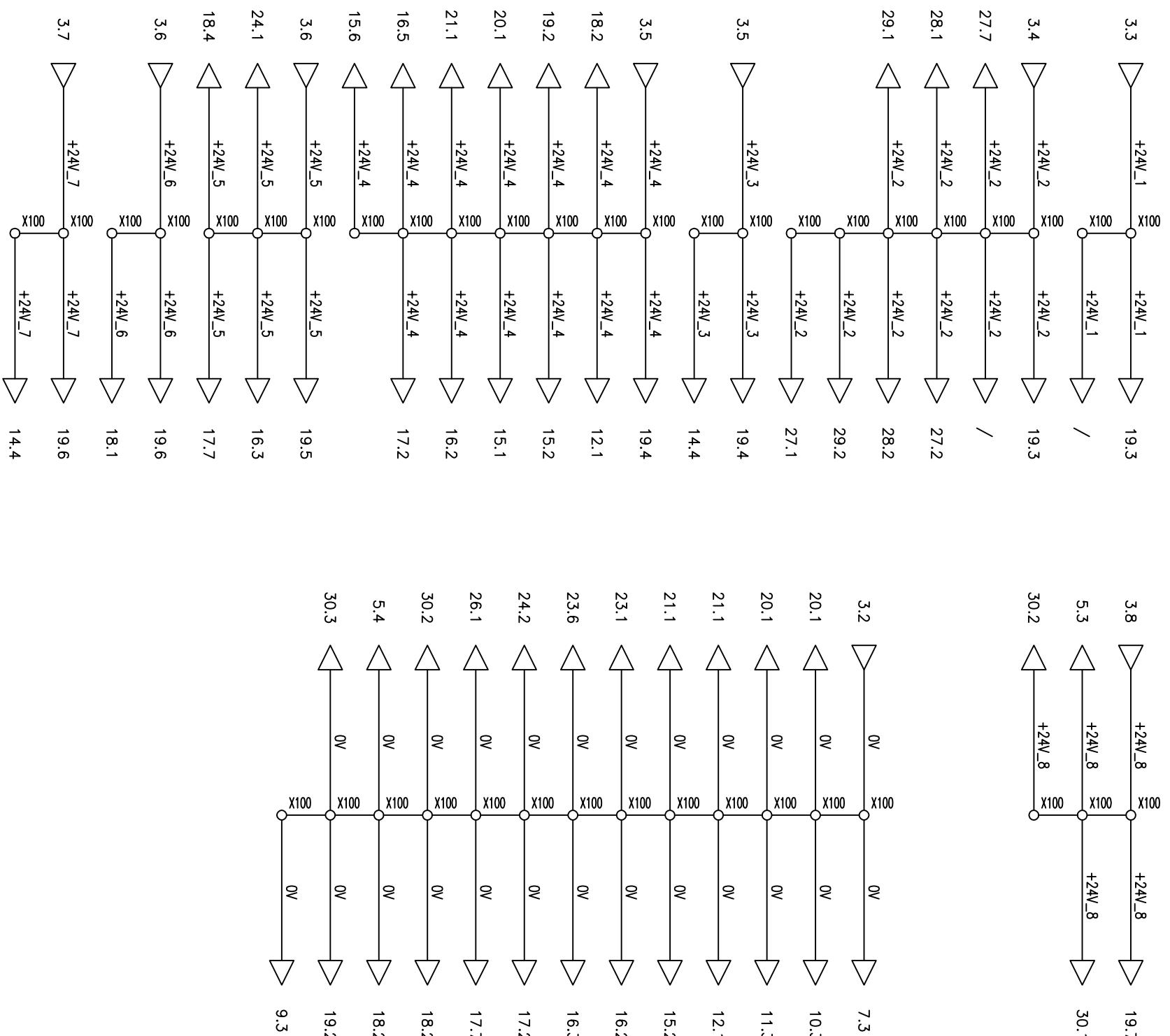
C

B

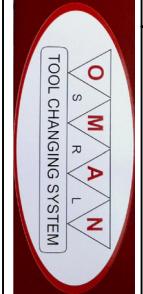
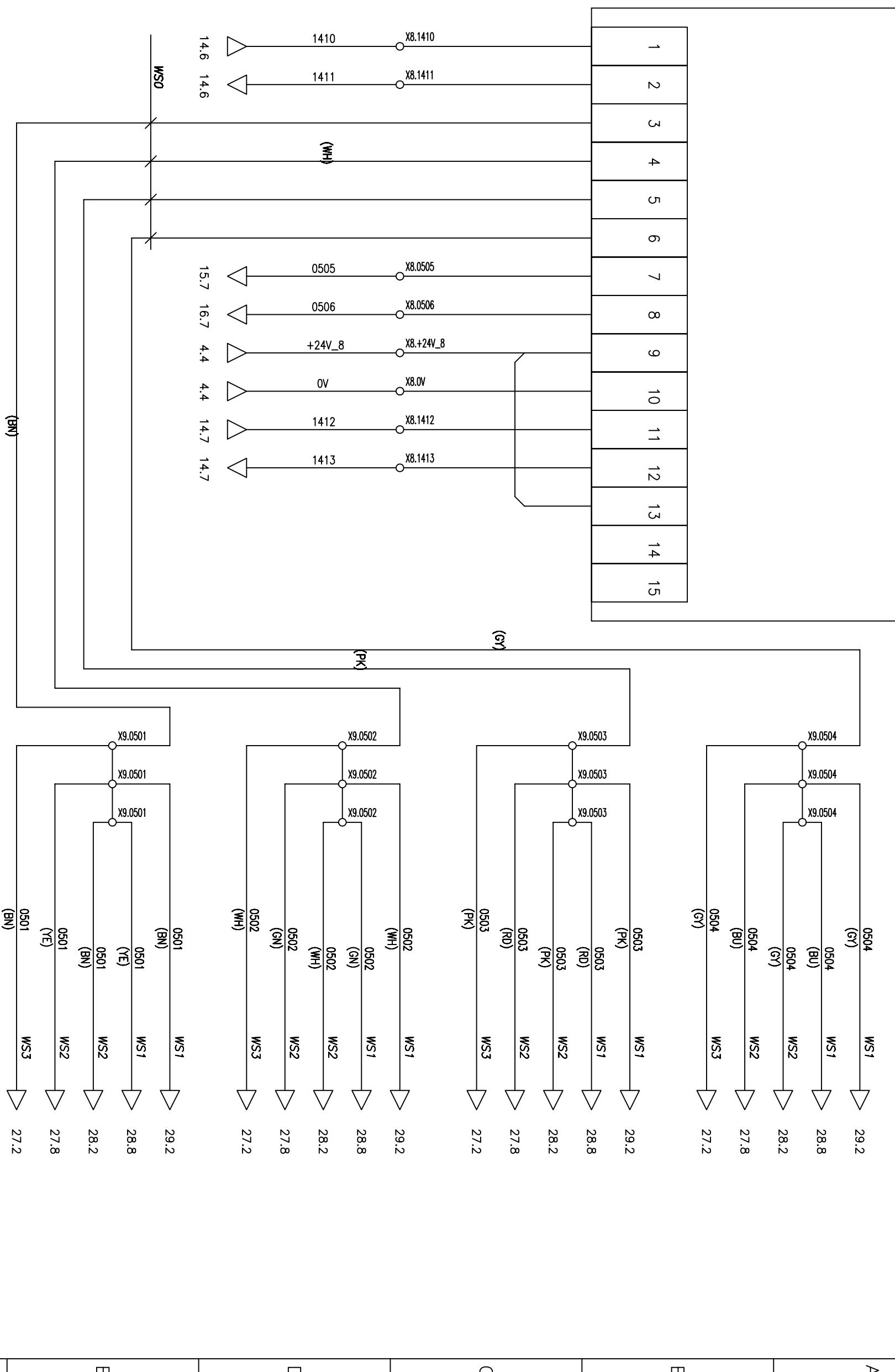
A

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8



Motricola : TTX011	Preparato :	Funzione : MORSETTIERE DI DISTRIBUZIONE	Pag. 4
Progetto :	Verificato :		
Macchina : TOO-TOWER 1600-150-CAT	Rev. M		
Data : 18/02/2010		ALL CONTENTS OF THIS DOCUMENT ARE PROPRIETARY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.	5
CU0401			Pagina successiva
E	F		



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 16000
Data : 08/04/2010 Rev.

Preparato :
Verificato :

Funzione :

LIM. OPO15 - SCI

HEDA BHG

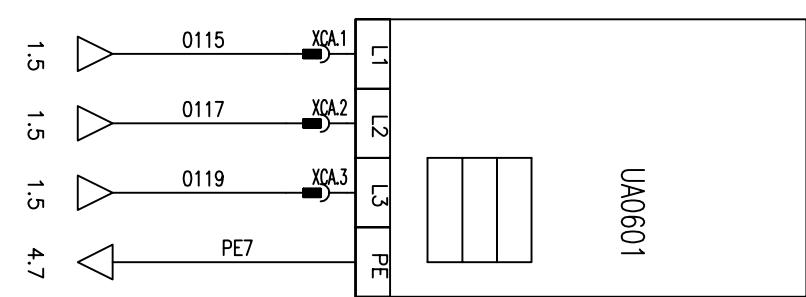
REPRODUCED WITH THE PERMISSION OF THE PUBLISHER,
BUT NOT FOR RESALE

PAG. 1 DE 1000

5

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

MODULO
ALIMENTATORE
INVERTERS



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 22/01/2010 Rev.

Preparato :
Verificato :
POTENZA MOTORI ASSI

Pag. 6

Pagina successiva
7

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.

F

E

D

C

B

A

F

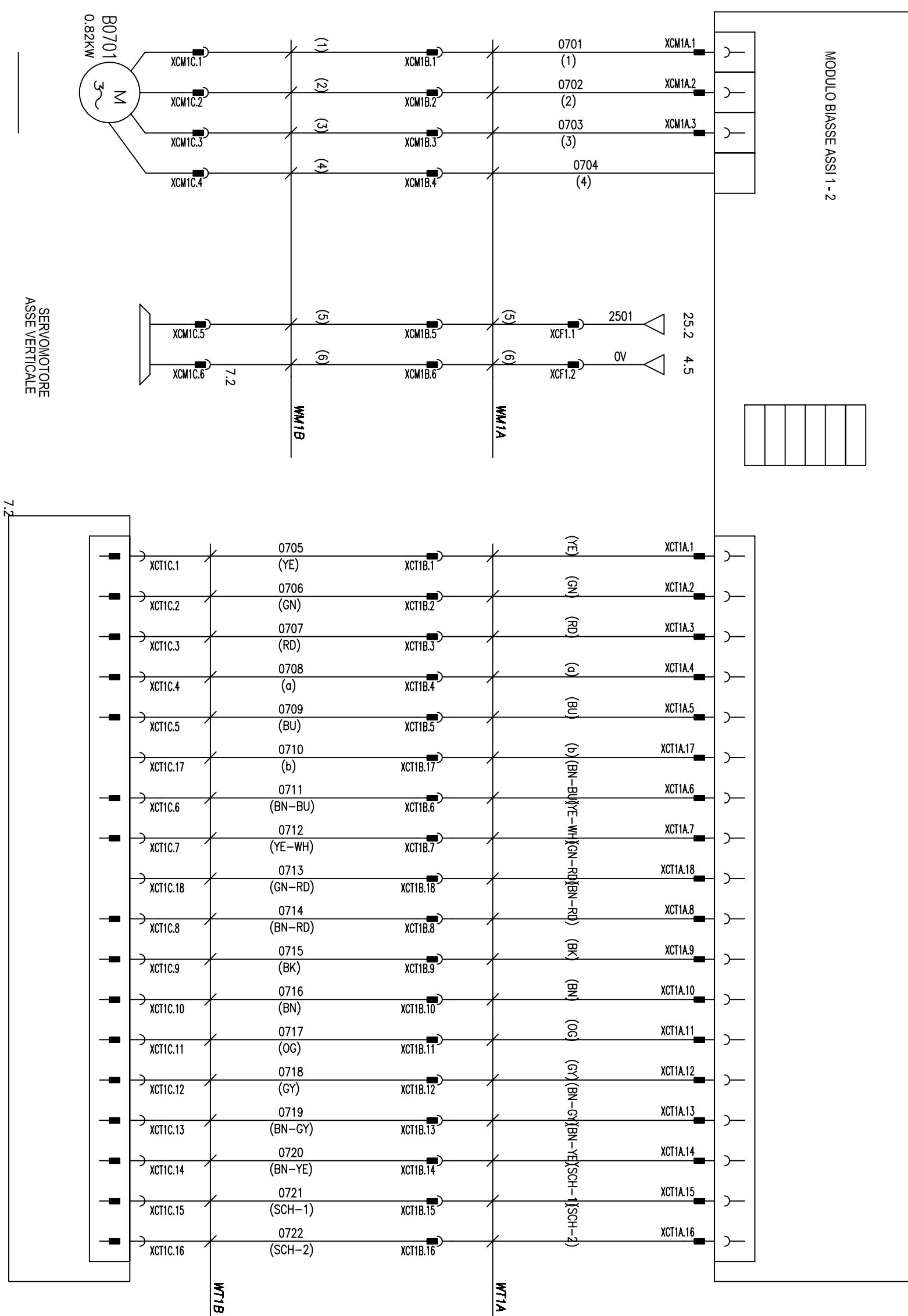
E

D

C

B

A

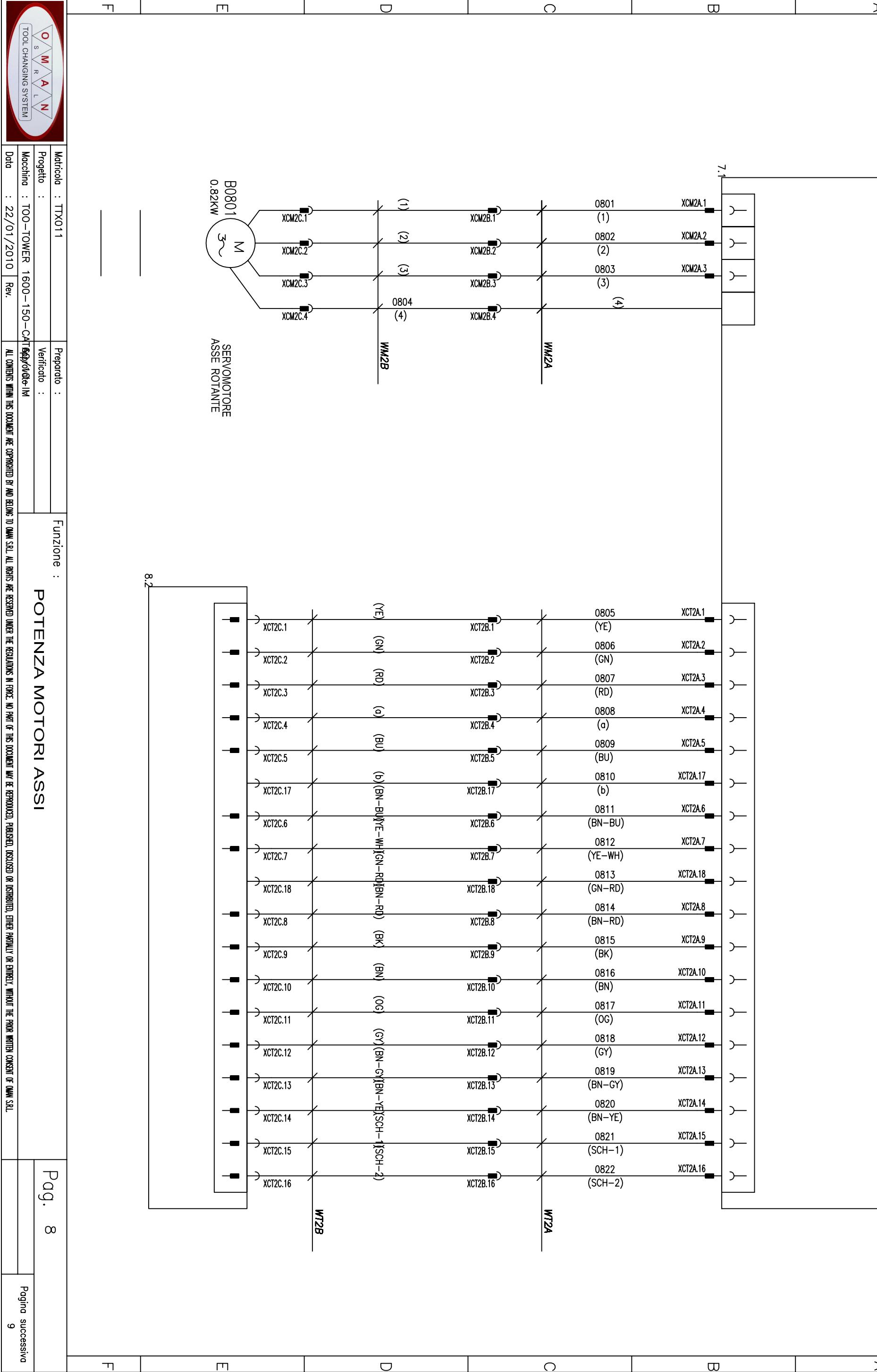
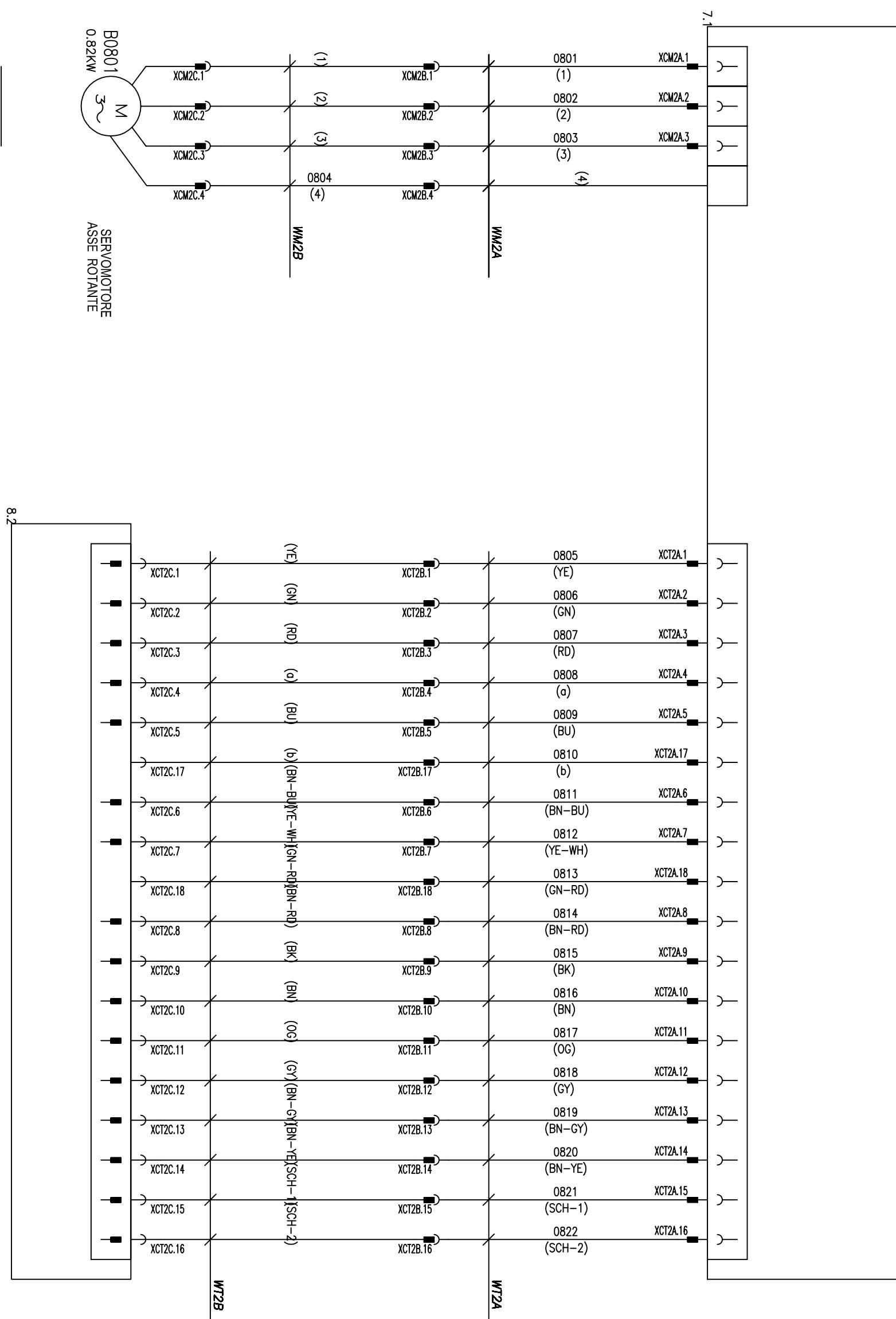




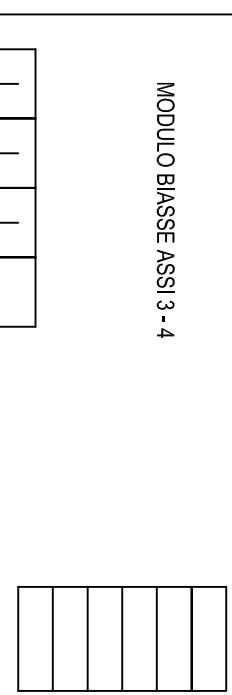
Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 22/01/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMM S.p.A. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMM S.p.A.

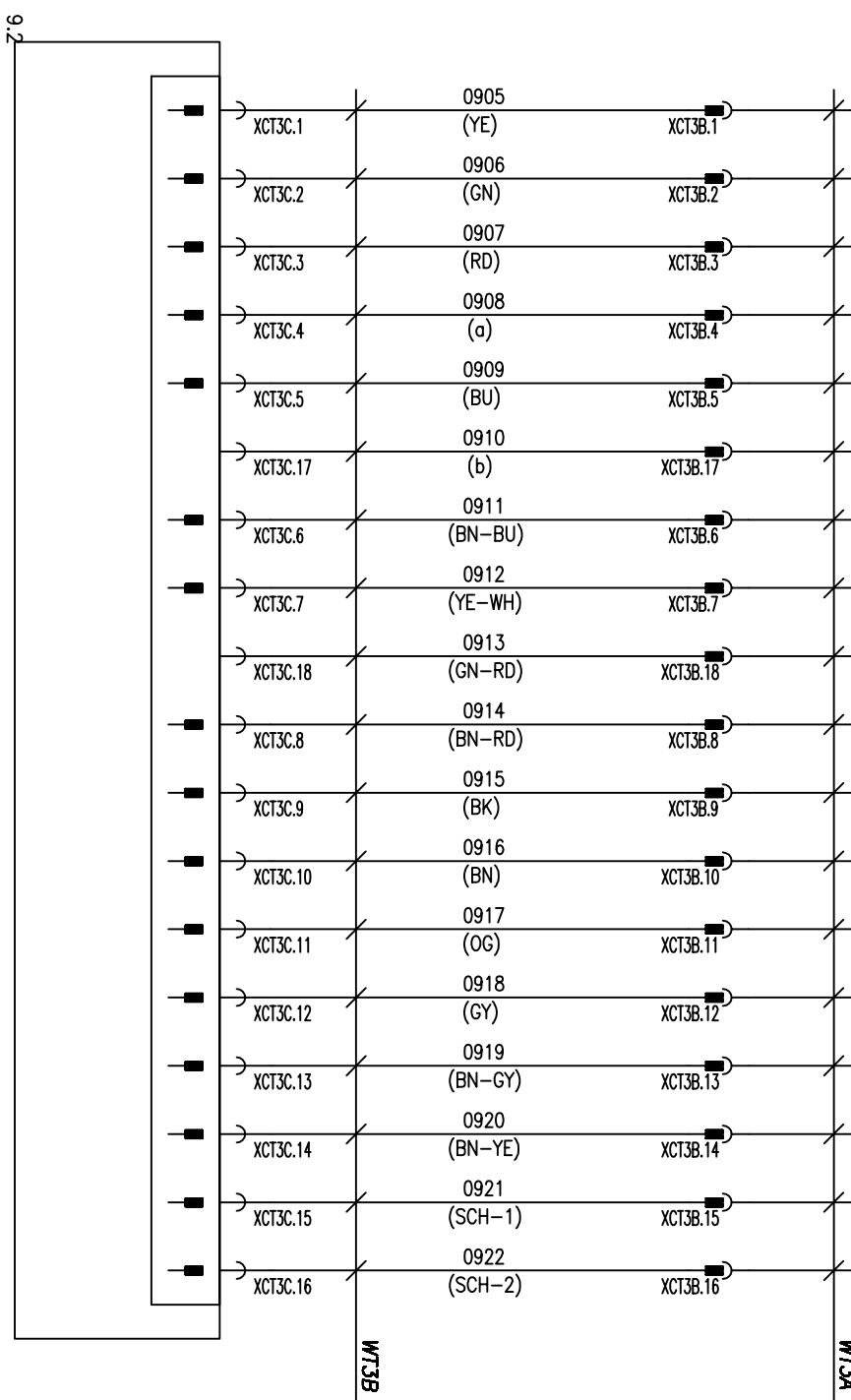
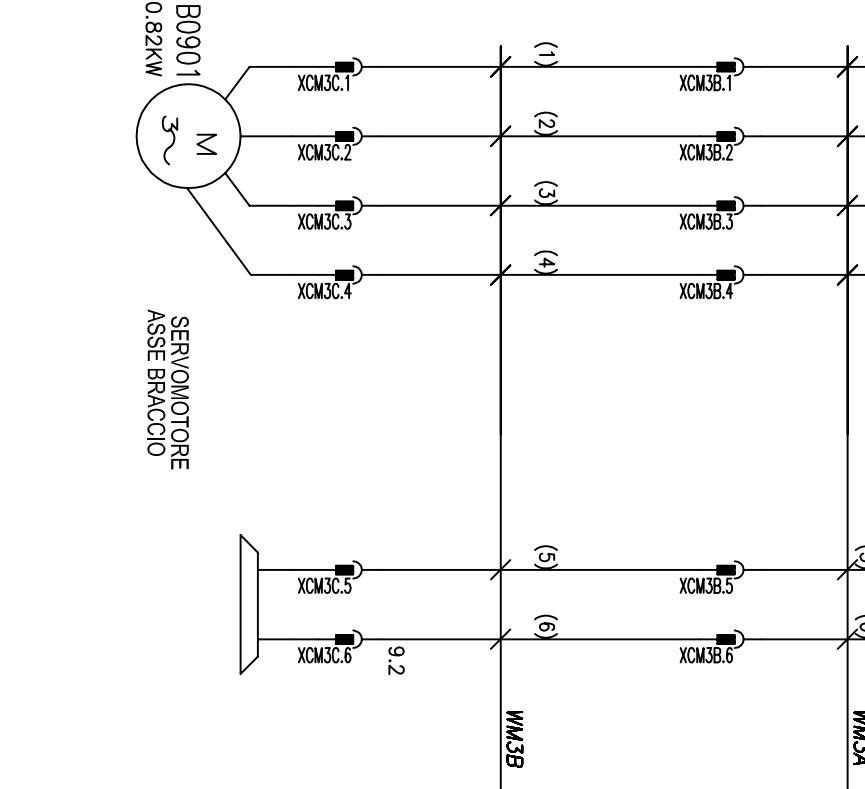
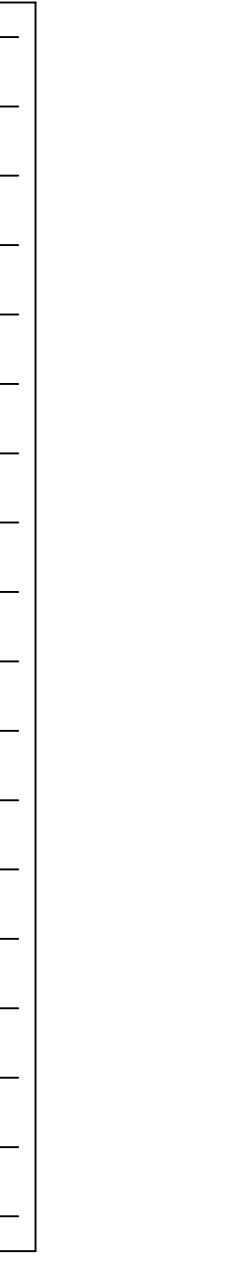
Pag. 8
Pagina successiva 9



MODULO BIASSE ASSI 3 - 4



MODULO BIASSE ASSI 3 - 4



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 22/01/2010 Rev.

Preparato :
Verificato :
Controllo : M

Funzione :
POTENZA MOTORI ASSI

Pag. 9

Pagina successiva
10

A

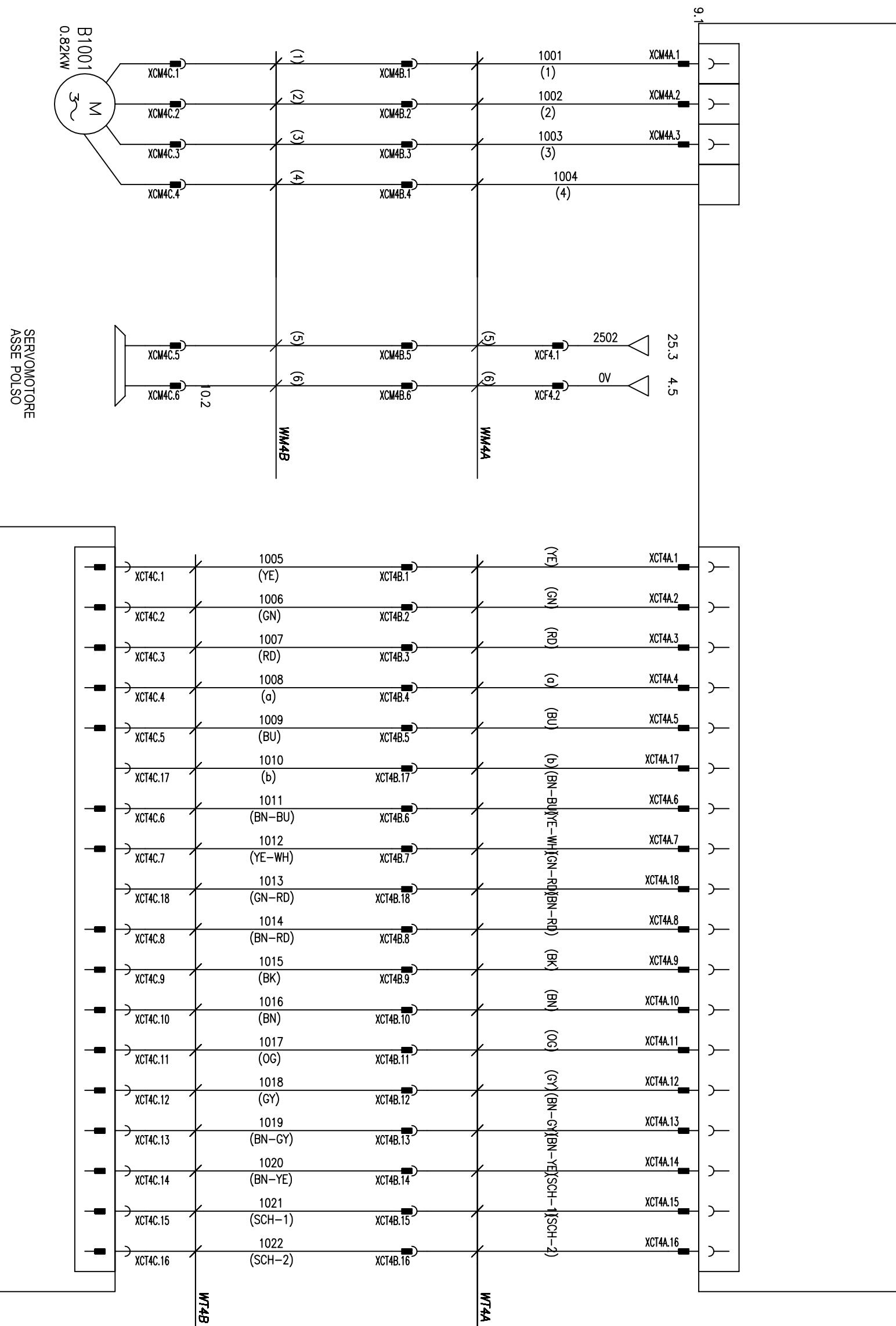
B

C

D

E

F

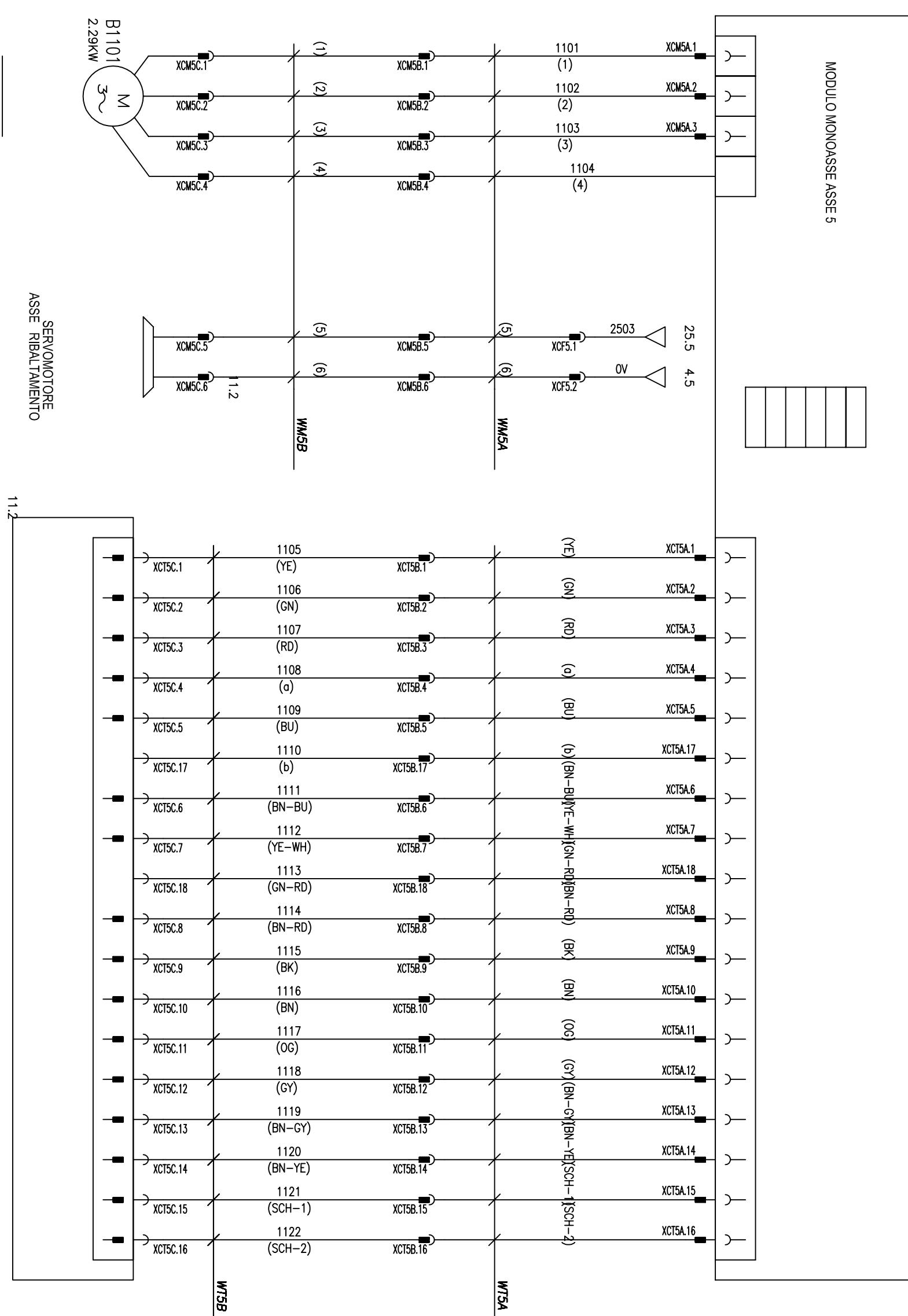


Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 08/04/2010 Rev.

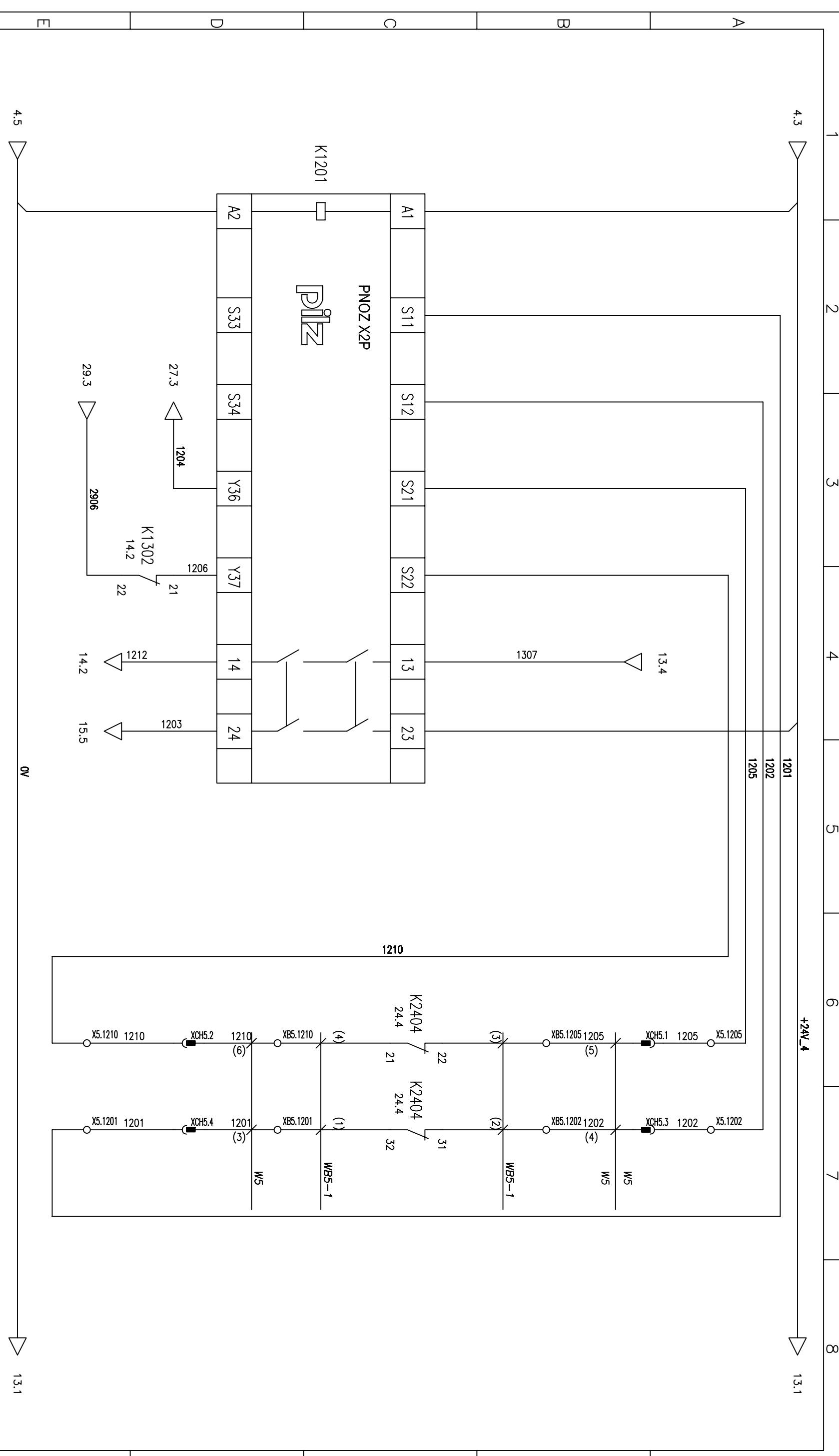
ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNI SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNI SRL.

Pag. 10

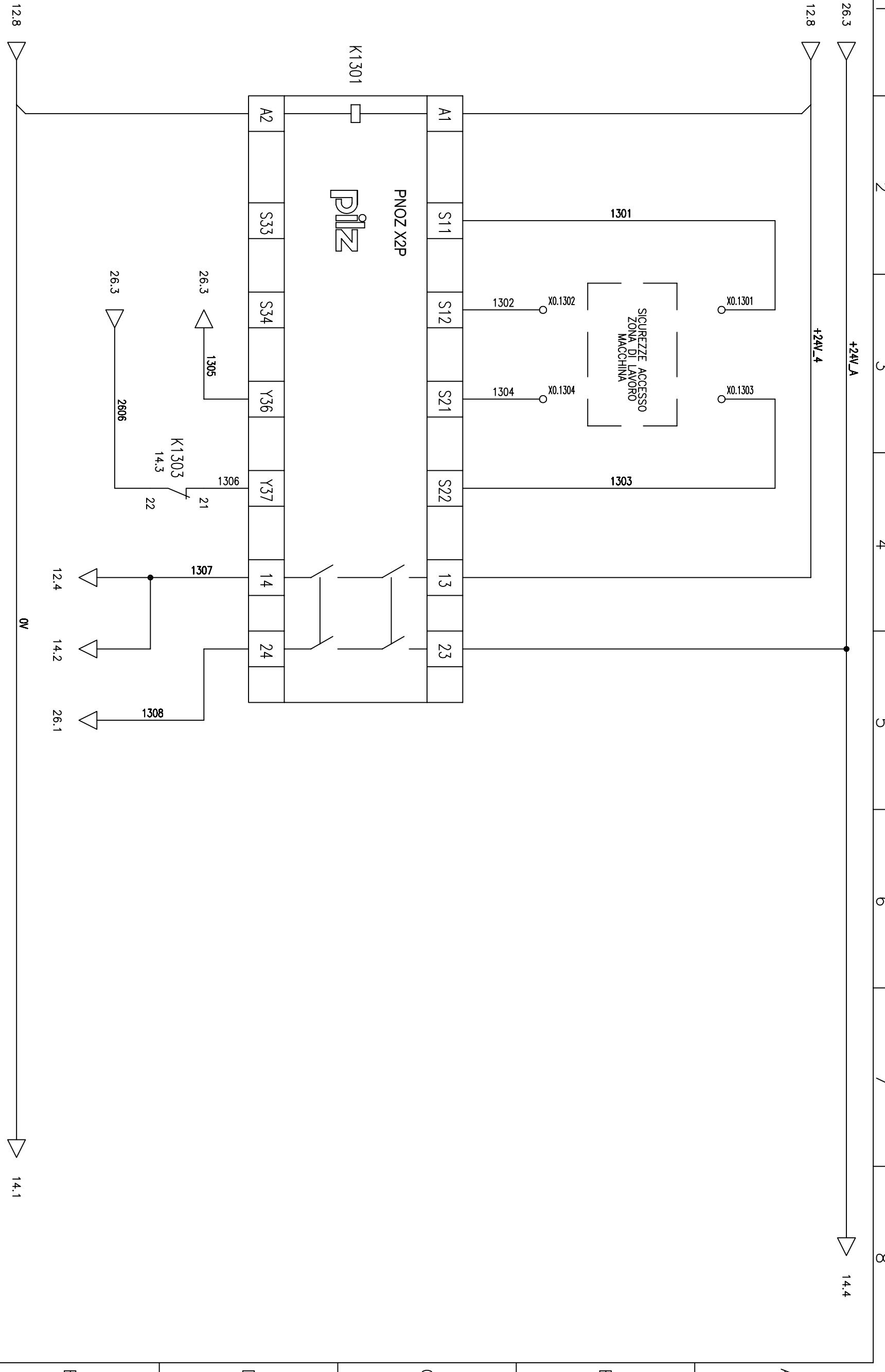
Pagina successiva



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT		
Data : 08/04/2010 Rev.	All contents within this document are copyrighted by and belong to OMAN SRL. All rights are reserved under the regulations in force. No part of this document may be reproduced, published, disclosed or distributed, either partially or entirely, without the prior written consent of OMAN SRL	
	Pag. 11	Pagina successiva
		12



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	
Mecchina : TOO-TOWER 1600-150-CAT6A/600-M		
Data : 18/02/2010 Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.	Pag. 12



Matricola Progetto Macchina Data	: TTX011 : : T00-TOWER 1600-15G : 08/02/2010	SCUREZZA ACCESSO MACCHINA
		<small>W00DGEZDA</small>

ALL CONTENTS WITHIN THIS DOCUMENT ARE CONFIDENTIAL BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. 13	
	Pagina successiva 14

1

2

3

4

5

6

7

8

A

13.5

12.4

13.8

4.3

4.3

A

13.5

12.4

13.8

4.3

4.3

B

1307

1212

+24V_A

+24V_3

+24V_7

S1401
14.6
23
14.2
24S1401
14.6
11
14.5
14.6
14.7
12S1401
14.6
33
34

C

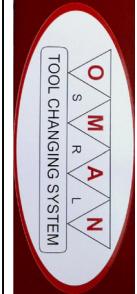
B

C

B

K1304
A1
A2K1302
A1
A2K1303
A1
A2K1303
14.3
1402
1401
1403
1404
1405
1406
1405
1406
1401
1402
1403
1404
1405
1406
1407
1408
1409
1410
1411
1412
1413
141413.7
15.6
12.4
13.4
26.1
25.1
23.1
X0.1408
X0.1411
X0.1413
X0.1414
X0.1409
X0.1407

PULSANTE DI EMERGENZA SU CIRCUITO DI SICUREZZA MACCHINA

RELE SEGNALE
PILZ 1 INSERITOCONTATTORE
SICUREZZE 1CONTATTORE
SICUREZZE 2

Matricola : TTX011
 Progetto :
 Macchina : TOO-TOWER 1600-150-CAT
 Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Preparato :
 Verificato :
 Macchina :
 Data : 08/04/2010 Rev.

Funzione :
CIRCUITI DI SICUREZZA

Pag. 14

Pagina successiva
14A

A

B

C

D

E

F

A

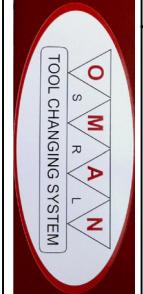
B

C

D

E

F



Matricola : TTX011	Preparato :	Funzione : DIGITALI PLC
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT 6000-M		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMM S.p.A. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMM S.p.A.

Pag. 14A

Pagina successiva 15

CPU 317	D1	D2	D3	D4	D5
DIGITAL INPUTS 16 POINTS					
6ES7321-1BH02-0AA0					
I124 TD I125	I126 TD I127	I000 TD I001			
317-2AJ10-0AB0	6ES7321-1BH02-0AA0	6ES7321-1BH02-0AA0	6ES7322-1HH01-0AA0	6ES7322-1HH01-0AA0	6ES7322-1HH01-0AA0
			DIGITAL RELAY 16 POINTS	DIGITAL RELAY 16 POINTS	
			Q124 TD Q125	Q126 TD Q127	

1

2

3

4

5

6

7

8

A

A

PULSANTE
MARCIA
AUSILIARI

PULSANTE
RESET
START

PULSANTE
JOG+

PULSANTE
JOG-



4.3

4.5

4.5

4.5

12.4

4.1

5.3

16.5

16.5

16.5

+24V_4

0V

0V

S1501E

S1502E

S1503E

S1504E

K1304

14.2

11

12

13

14

1203

1504

1503

1502

1501

1506

1505

0505

D1.20

M

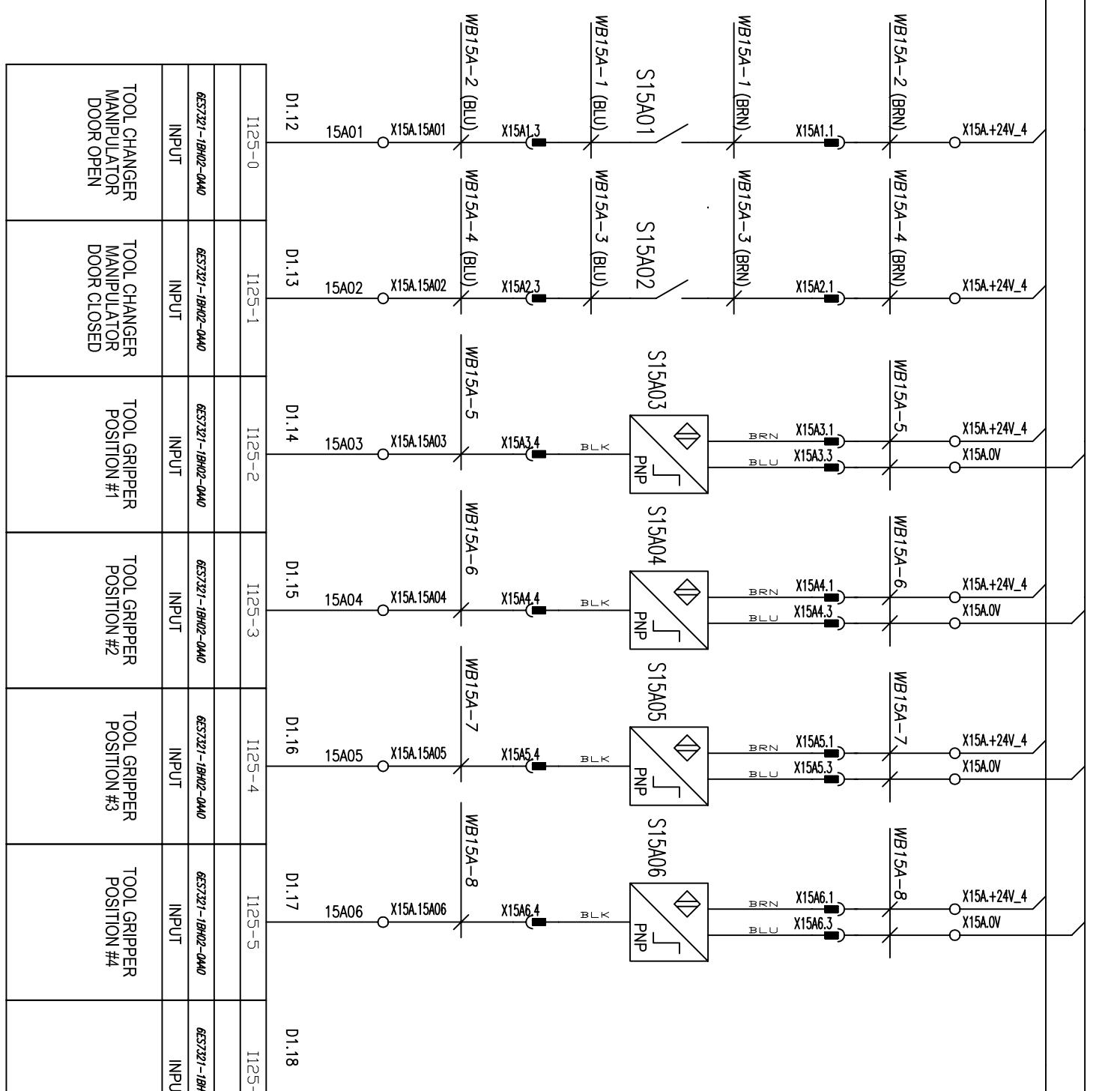
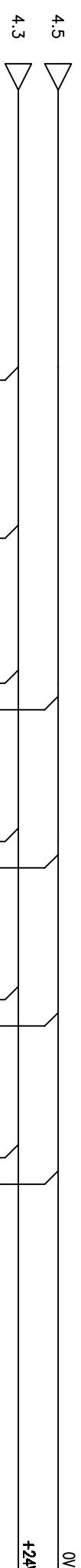
L+

PLC

CPU

INPUT

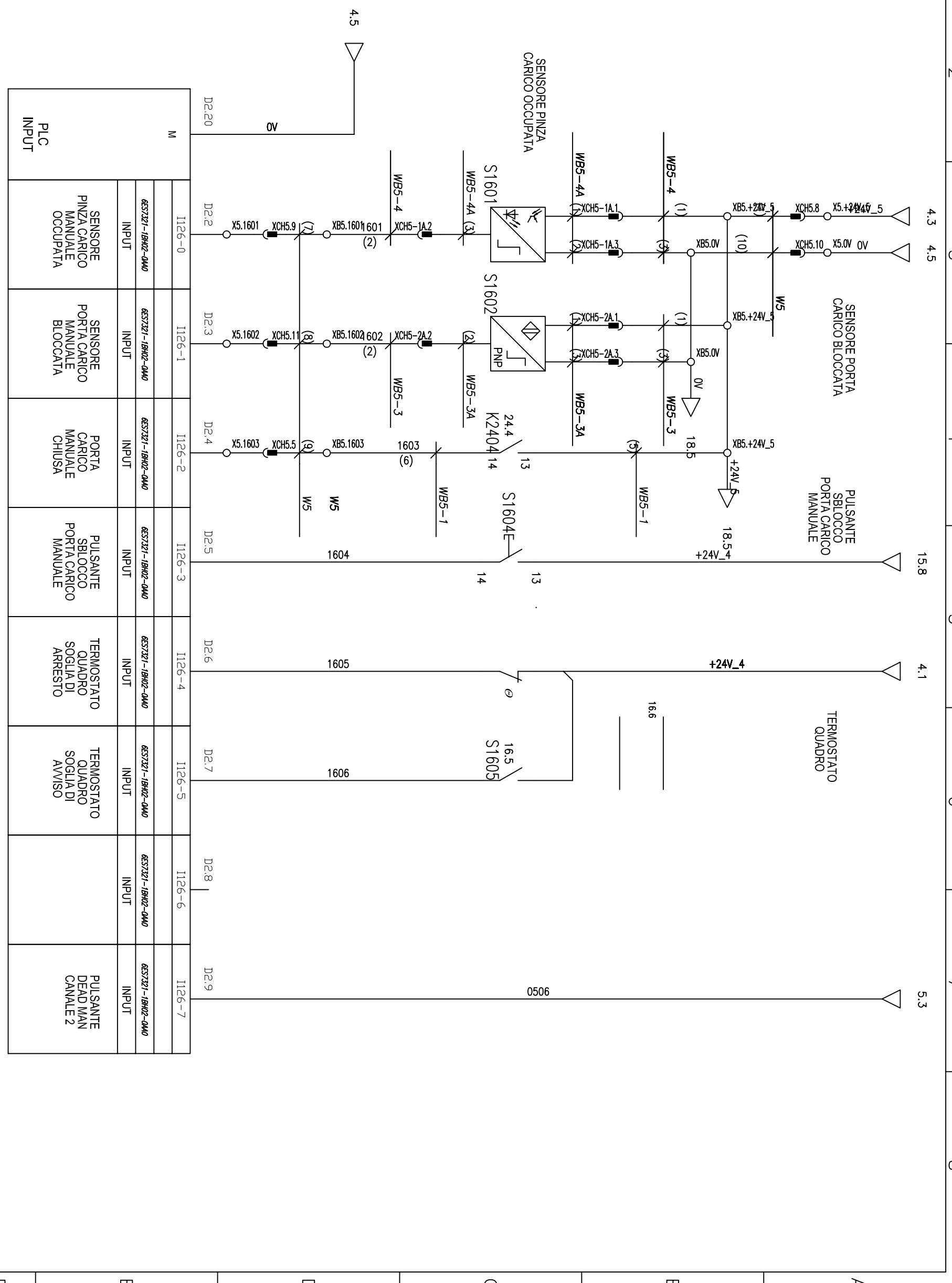
1 2 3 4 5 6 7 8



Matricola : TTX011	Preparato :	Funzione : INGRESSI DIGITALI PLC
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT	Rev. M	
Data : 08/02/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.

Pag. 15A

Pagina successiva 16





Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 28/01/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY OF AND BELONG TO OMNI SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNI SRL.

Pag. 17
Pagina successiva
18

F

E

D

C

B

A

1

2

3

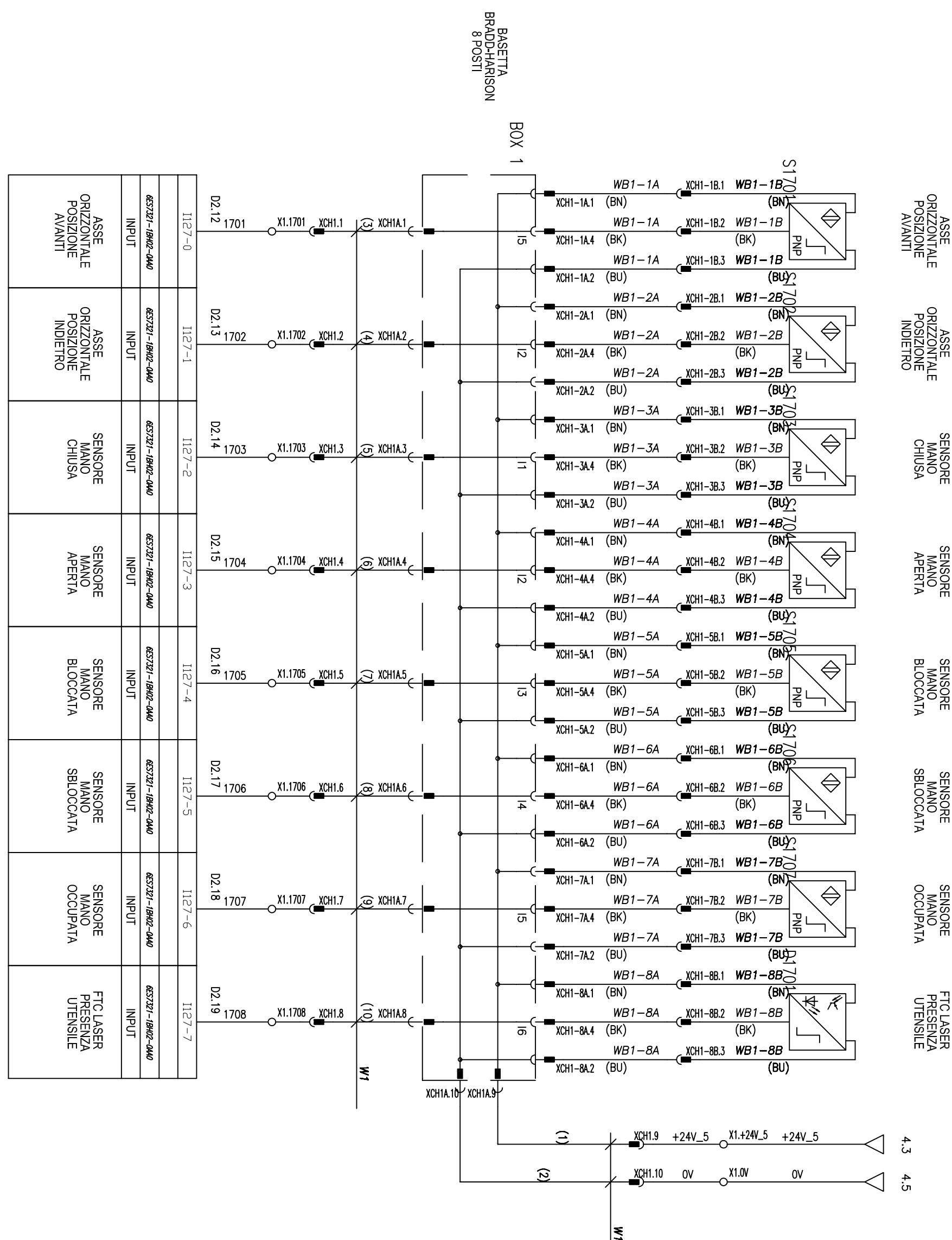
4

5

6

7

8



F

E

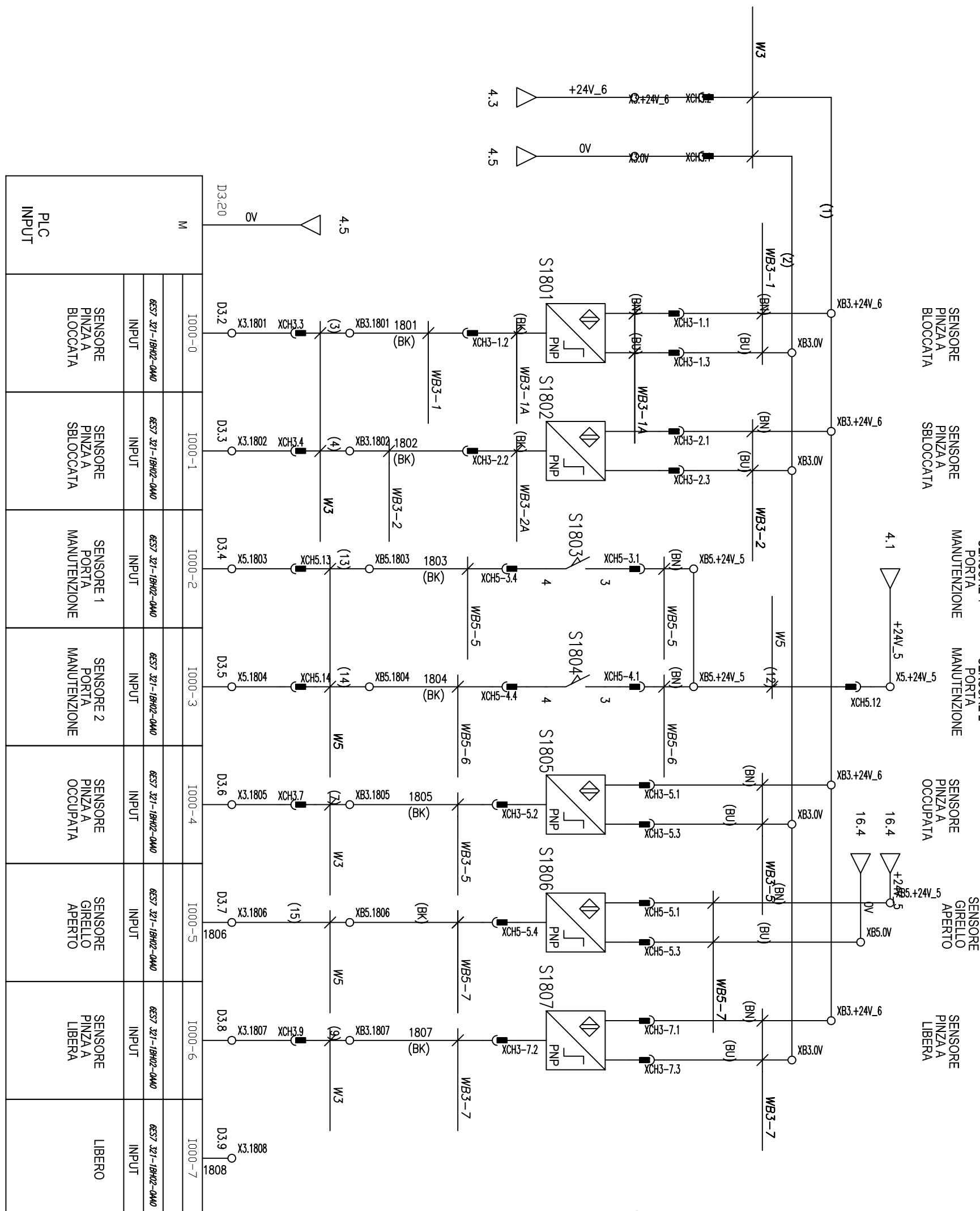
D

C

B

A

1



Motricola : TTX011 Preparato : Funzione :

Progetto : Verificato : INGRESSI DIGITALI PLC

Macchina : TOO-TOWER 1600-150-CAT

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNI SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNI SRL.

Pag. 18

Pagina successiva
19

1

2

3

4

5

6

7

8

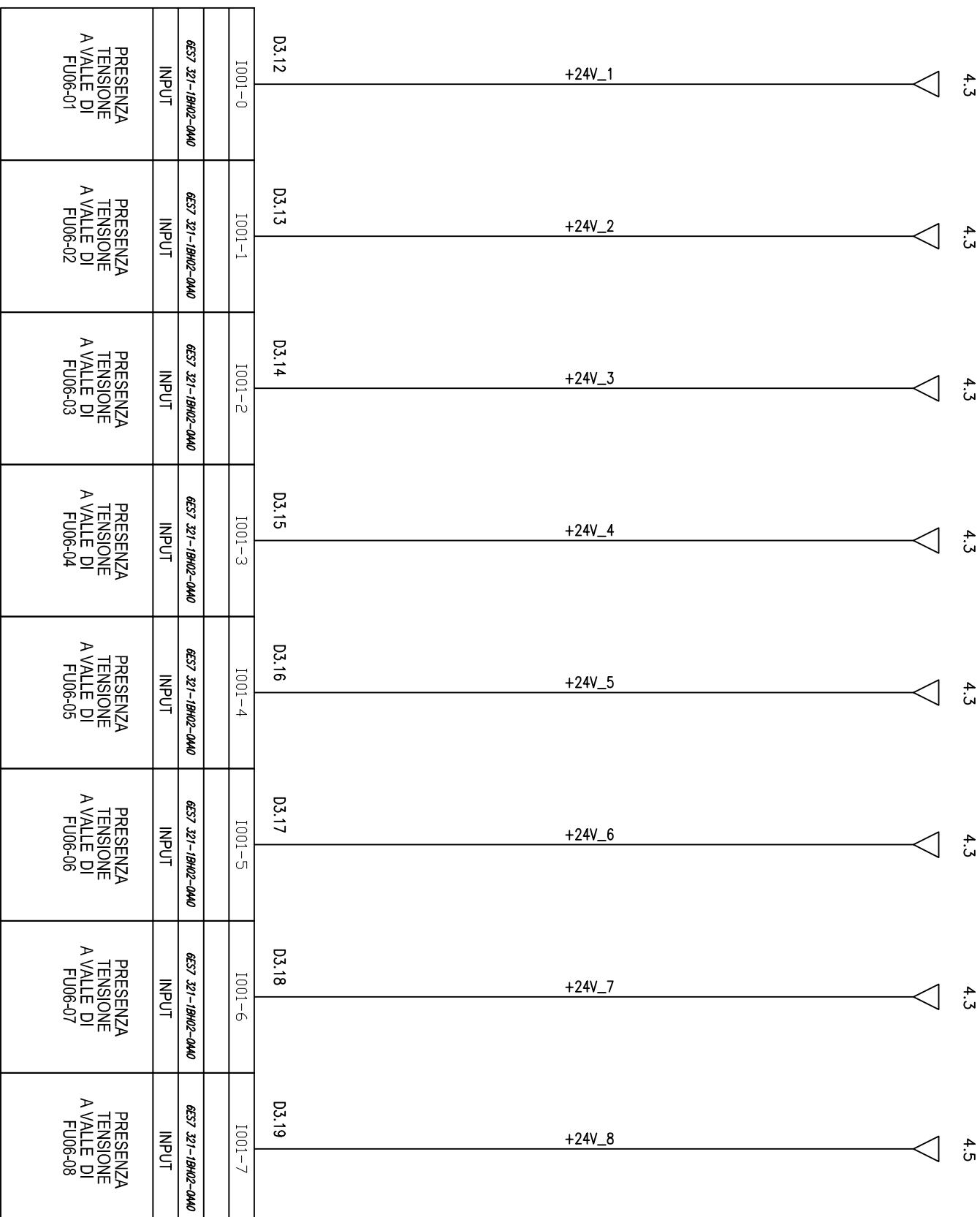
A

B

C

D

F



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 14/01/2010 Rev.

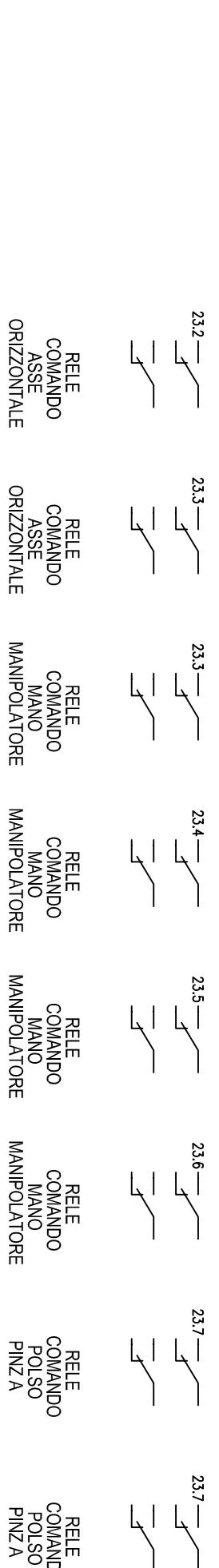
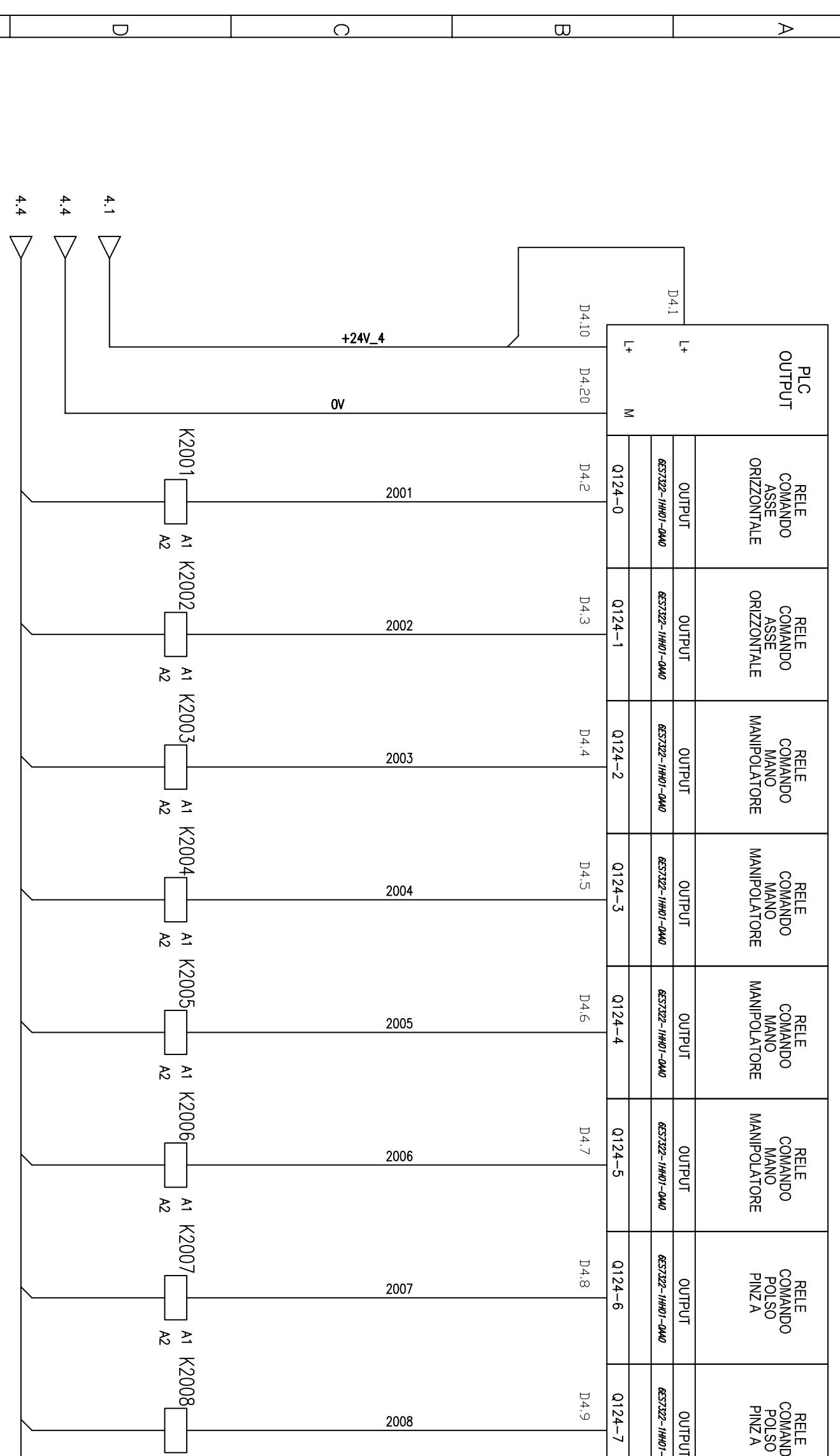
Preparato :
Verificato :
Rev. M

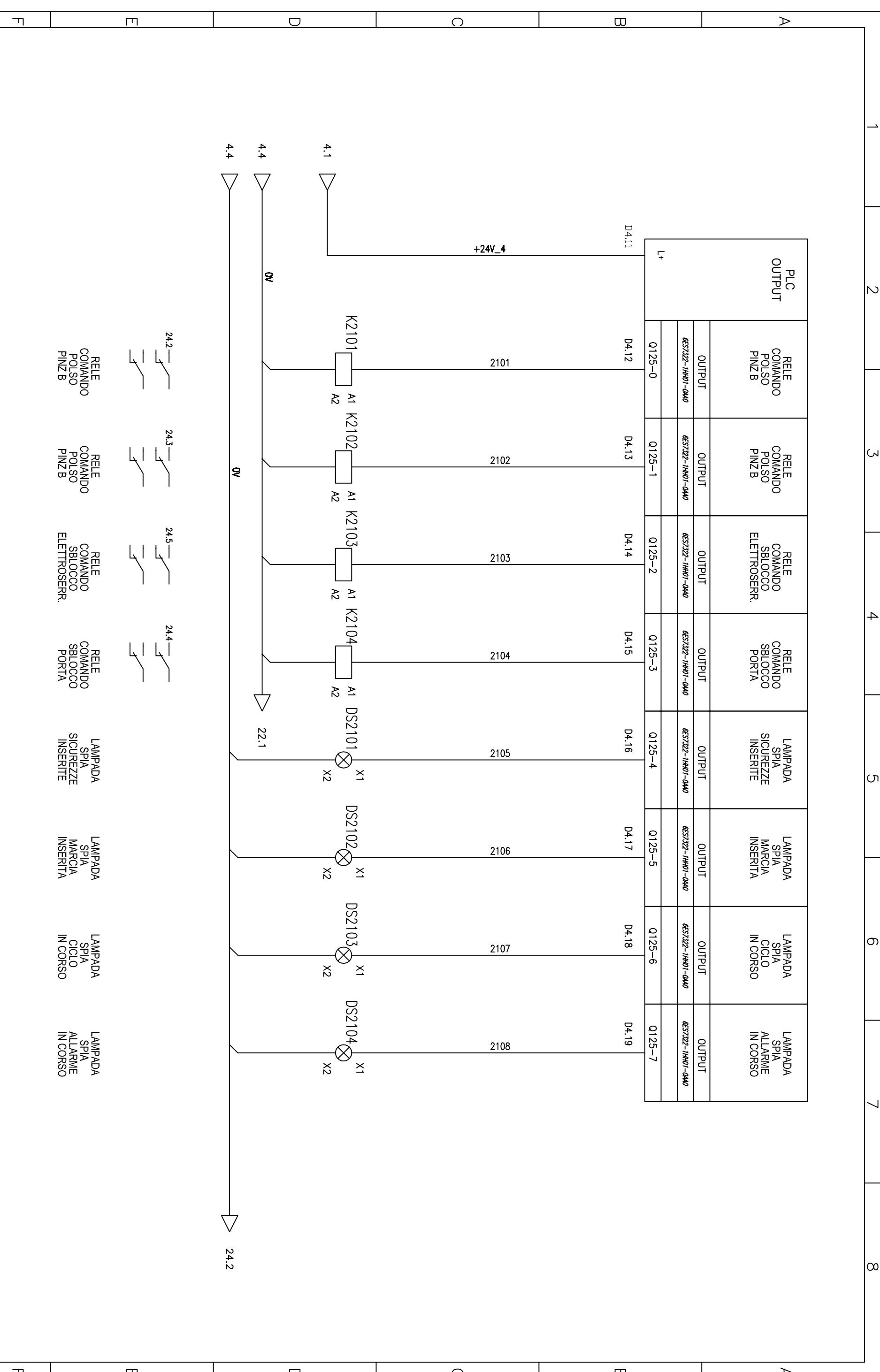
Funzione :
INGRESSI DIGITALI PLC

Pag. 19

Pagina successiva
20

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.





1

2

3

4

5

6

7

8

A

PLC OUTPUT	OPEN TOOL CHANGER MANIPULATOR DOOR	CLOSE TOOL CHANGER MANIPULATOR DOOR					
D5.1	L+	OUTPUT	OUTPUT	OUTPUT	OUTPUT	OUTPUT	OUTPUT
	6ES7322-1H401-0AA0	6ES7322-1H401-0AA0	6ES7322-1H401-0AA0	6ES7322-1H401-0AA0	6ES7322-1H401-0AA0	6ES7322-1H401-0AA0	6ES7322-1H401-0AA0
L+	M	Q126-0	Q126-1	Q126-2	Q126-3	Q126-4	Q126-5
D5.10	D5.20	D5.2	D5.3	D5.4	D5.5	D5.6	D5.7
D5.8	D5.9						

A

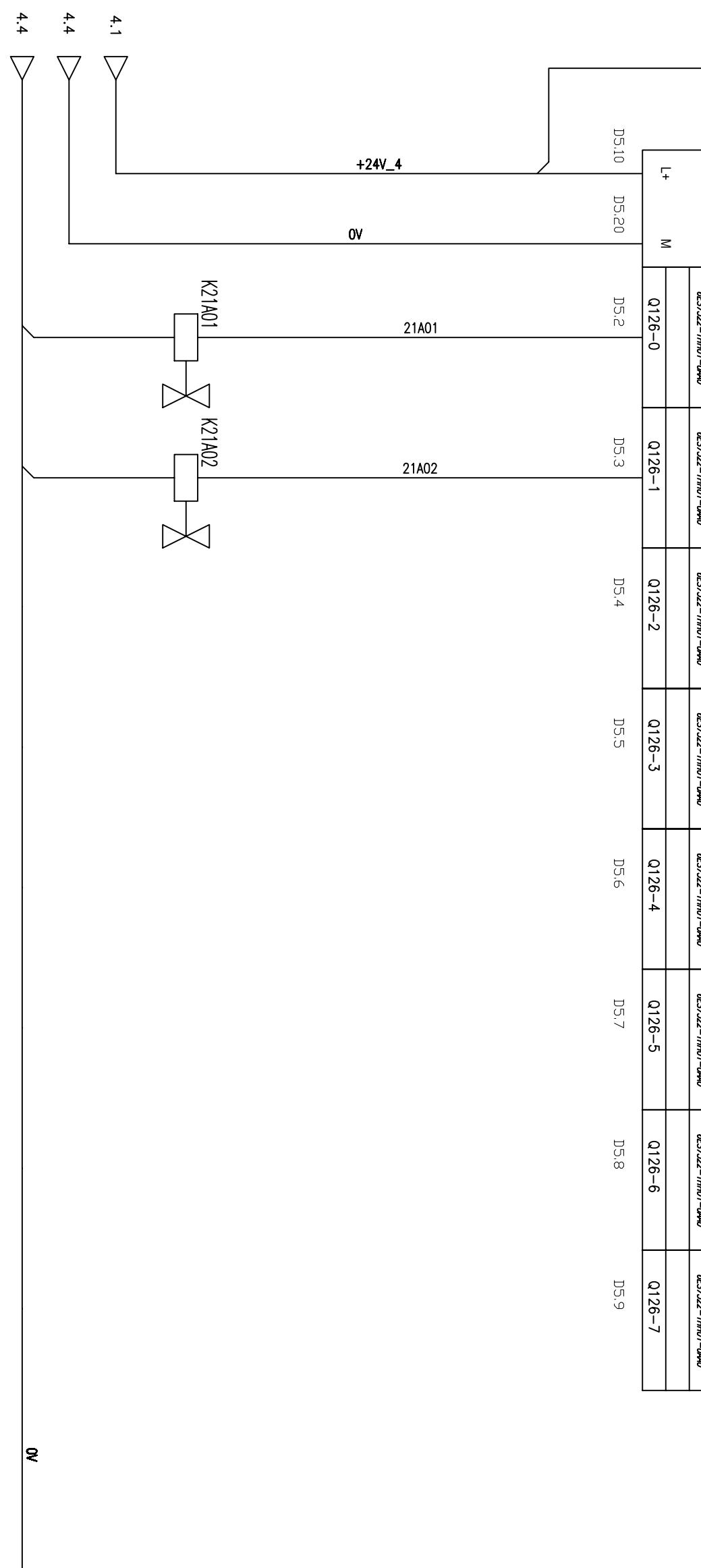
B

C

D

E

F



F

E

F

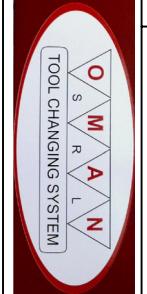
E

D

C

B

A



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	USCITE DIGITALI PLC
Macchina : TOO-TOWER 1600-150-CAT	Rev. M	
Data : 22/02/2010		ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. 21A

Pagina successiva

21IB

1

2

3

4

5

6

7

8

A

PLC OUTPUT									
OUTPUT									
6ES7322-11H001-0AA0									
L+	Q127-0	Q127-1	Q127-2	Q127-3	Q127-4	Q127-5	Q127-6	Q127-7	

D5.11

D5.12

D5.13

D5.14

D5.15

D5.16

D5.17

D5.18

D5.19

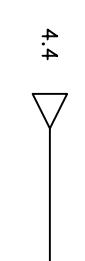
+24V_4

C

B

D

A



0V

F

E

D

C

B

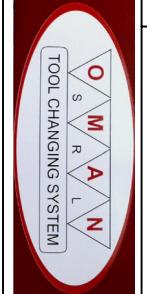
F

E

D

C

B



Matricola : TTX011 Preparato : Funzione : USCITE DIGITALI PLC
 Progetto : Verificato :
 Macchina : TOO-TOWER 1600-150-CAT 6000-M
 Data : 22/02/2010 | Rev. ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

USCITE DIGITALI PLC

Pagg. 21B

Pagina successiva
22

1 2 3 4 5

6

7

8

COMANDO ACCENSIONE
ILLUMINAZIONE TORRE

A

27.2 28.8 29.2 28.2

2.2 0201

S2201F
13
14

2703 2803 2903 2806

K2201 A1 K2202 A1 K2203 A1 K2205 A1

A2 A2 A2 A2

K2204 A1

A2

21.5 0W

2.3 0203

D

C

B

RELE
FRENO
ASSE
VERTICALERELE
FRENO
ASSE
POLSORELE
FRENO
ASSE
BRACCIOCONTATTORE
COMANDO
ILLUMINAZIONE
TORRE

E

D

C

B

A

Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	INTERFACCE DI COMANDO E VARIE
Macchina : TOO-TOWER 1600-150-CAT 6000-M		

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Data : 08/04/2010 Rev. 1

Pag. 22

Pagina successiva
23

1

2

3

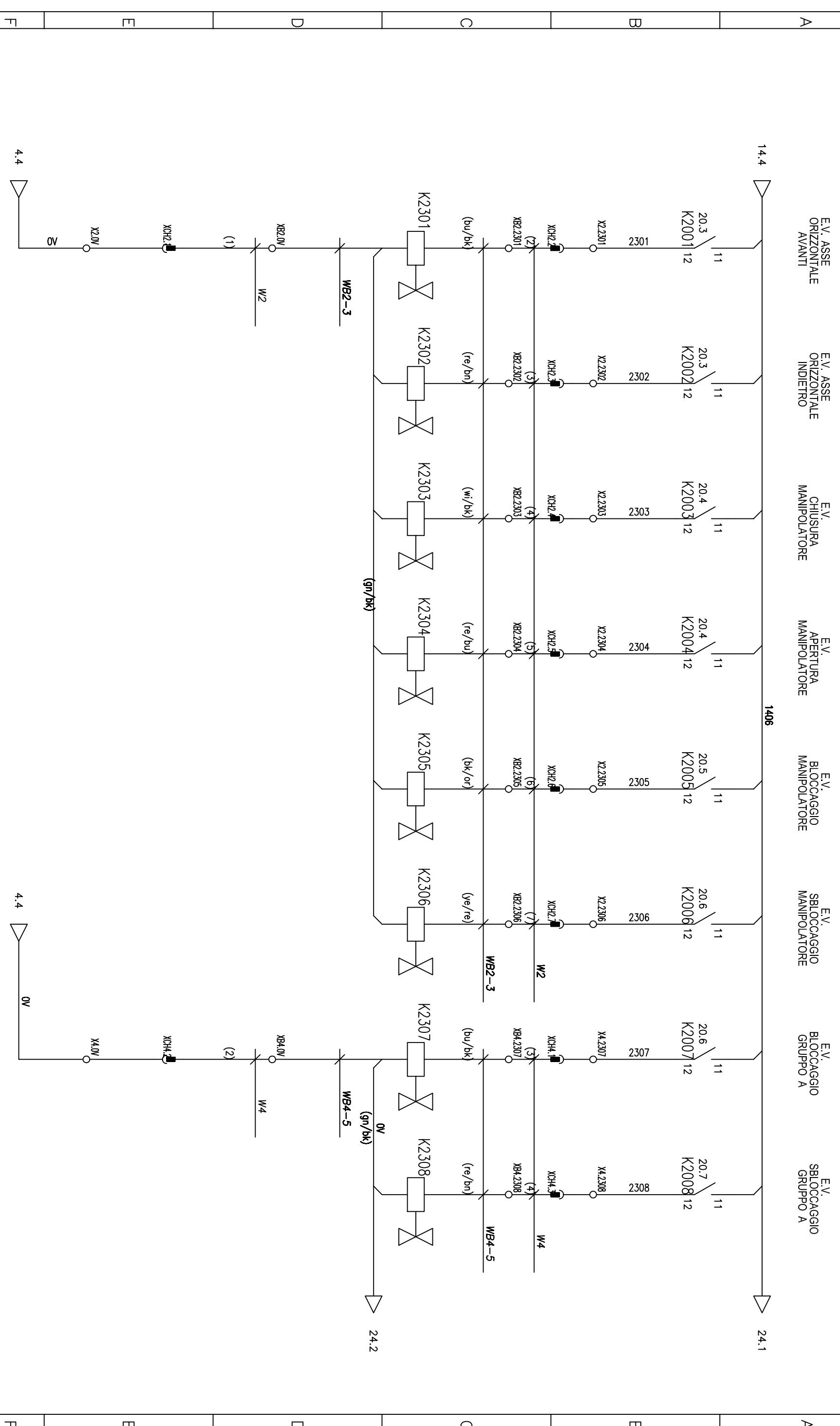
4

5

6

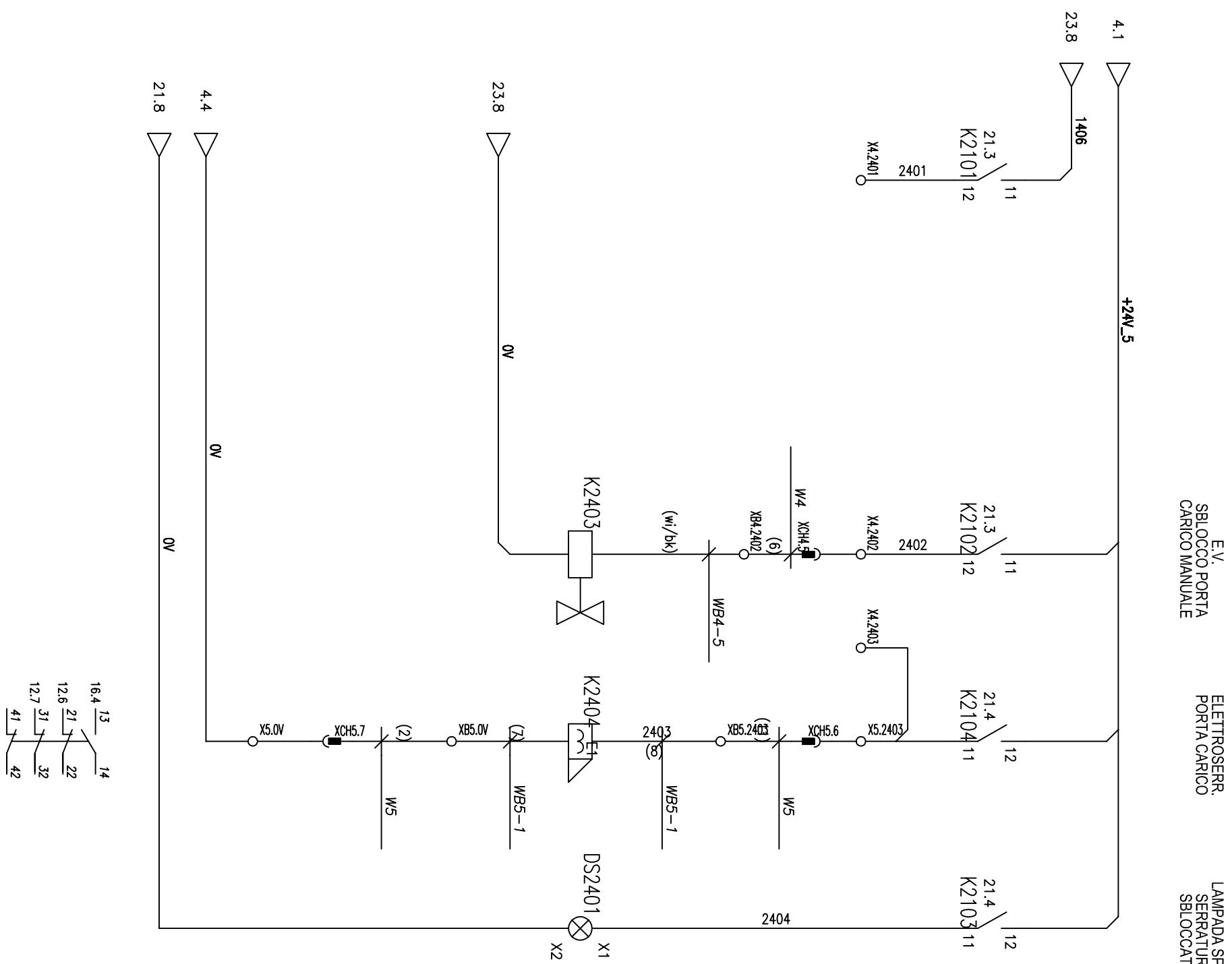
7

8

TOOL
CHANGING
SYSTEM

SRL

Pagg. 23
Pagina successiva
24



The logo consists of four triangles pointing downwards, arranged in a diamond shape. The top triangle contains the letter 'O', the second row contains 'M' and 'A' (with 'M' above 'A'), and the bottom triangle contains 'N'. Below the triangles, the words 'TOOLCHANGING SYSTEM' are written in a bold, sans-serif font.

Matricola	: TTX011	Preparato	:	Funzione
Progetto	:	Verificato	:	
Macchina	: TOO-TOWER 1600-150-CAT	Effettuato	IM	
Data	: 22/02/2010	Rev.		ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED.

ELETTROV. - ELETROSERRATURA

Pag. 24

Pagina successiva
25

1 2 3 4 5 6 7 8

14.4

22.2
K2201
11
12

22.2
K2201
21
12

22.3
K2202
11
12

22.3
K2202
21
22

22.3
K2203
11
12

22.3
K2203
21
22

22.4
K2205
11
12

22.4
K2205
21
22

2501

2502

2503

2504

▽

▽

▽

▽

COMANDO APERTURA
ELETTOFRENO
ASSE VERTICALE

COMANDO APERTURA
ELETTOFRENO
ASSE POLSO

COMANDO APERTURA
ELETTOFRENO
ASSE RIBALTIMENTO

COMANDO APERTURA
ELETTOFRENO
ASSE BRACCIO

A B C D E F

14.4

Matricola : TTX011 Preparato : Funzione :
Progetto : Verificato : COMANDO ELETTOFRENI

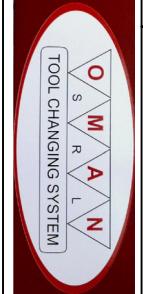
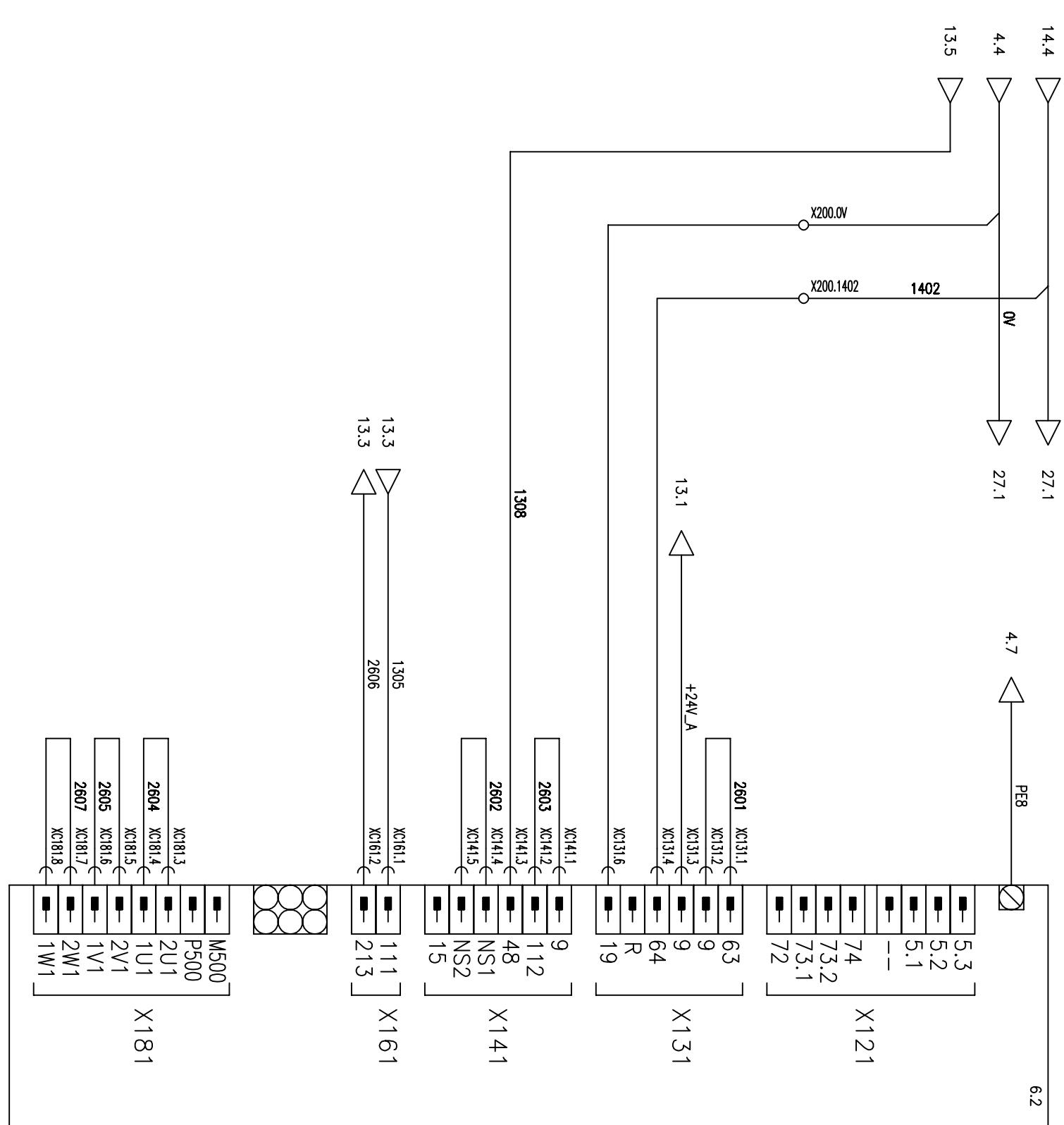
Macchina : TOO-TOWER 1600-150-CAT 6000-M

Data : 08/04/2010 Rev. : ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.

Pag. 25

Pagina successiva

26

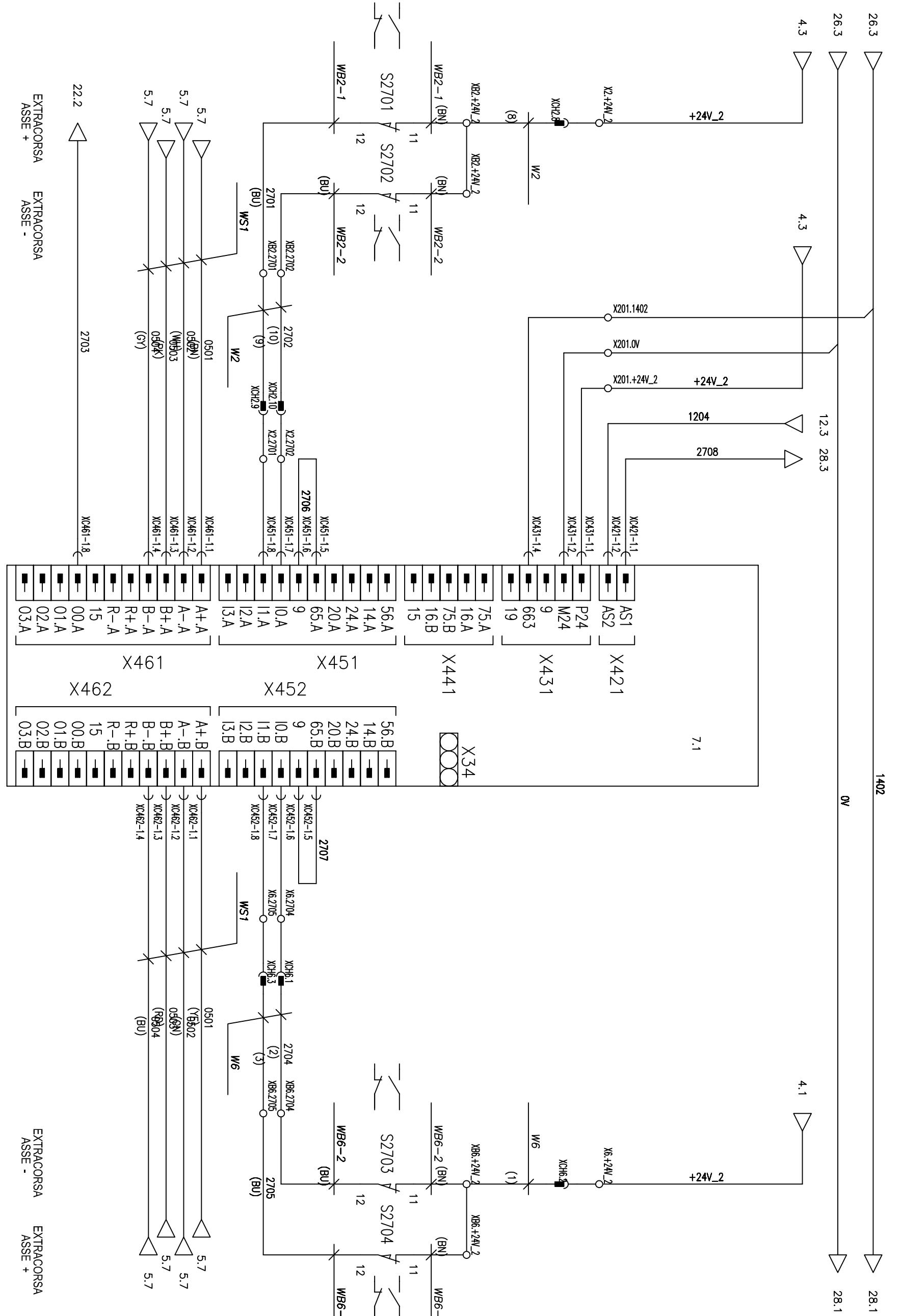


Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT
Data : 08/02/2010 Rev.

Funzione : ALIMENTATORE INVERTERS ASSI

Pag.	26
Pagina successiva	27

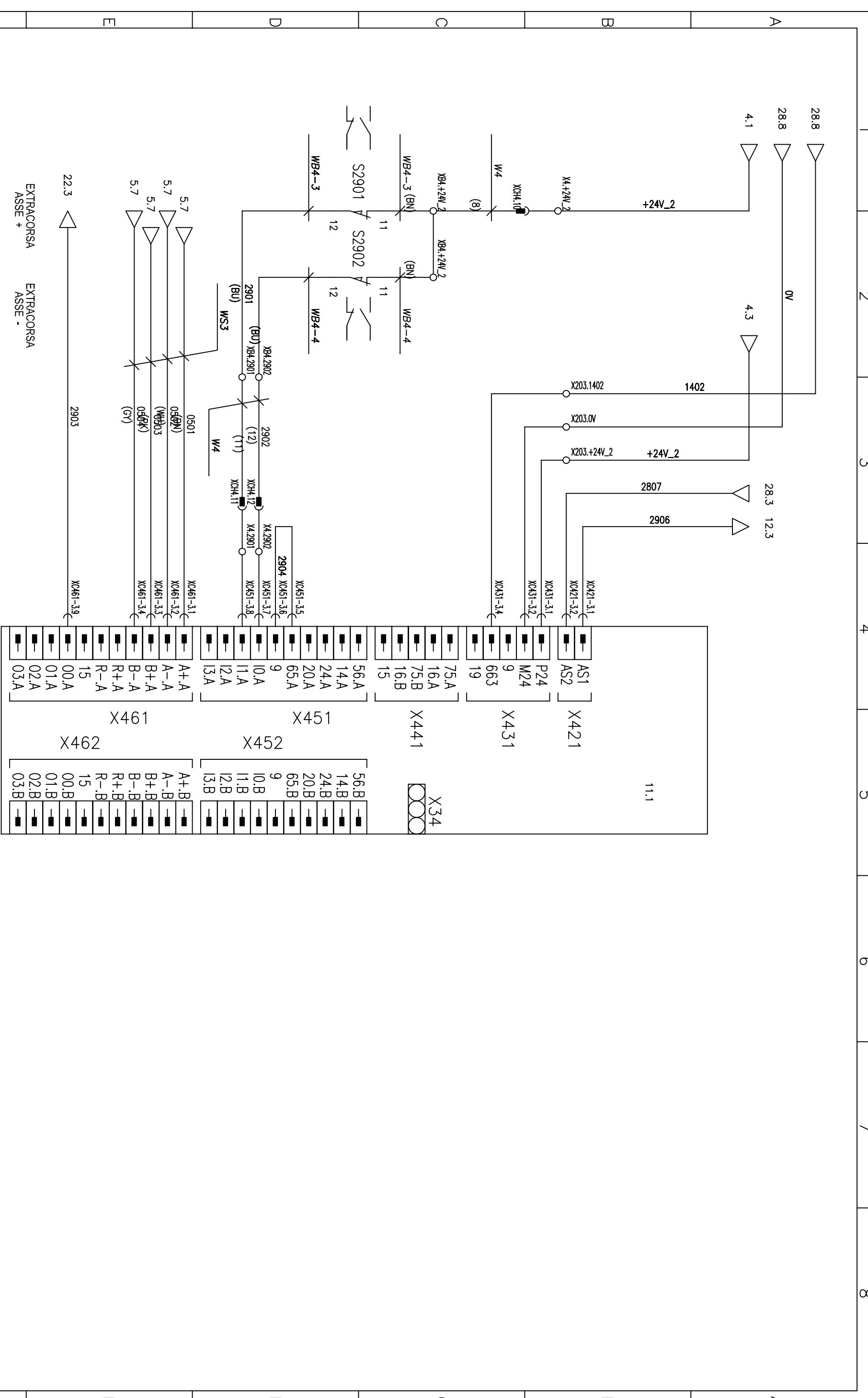
ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMM S.p.A. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMM S.p.A.



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT 6000-M
Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMM S.p.A. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMM S.p.A.

Pag.	27
Pagina successiva	28



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600
Data : 08/04/2010 Rev

MODULO INVERTER ASSE 5

i.R.L.

1

1

1

10

68

•

2

6

1

1

Pa

1

3

0

1

D

Page 1

1

2

3

4

5

6

7

8

A

4.5
4.44.4
4.43.3
3.2

A

+24V_8

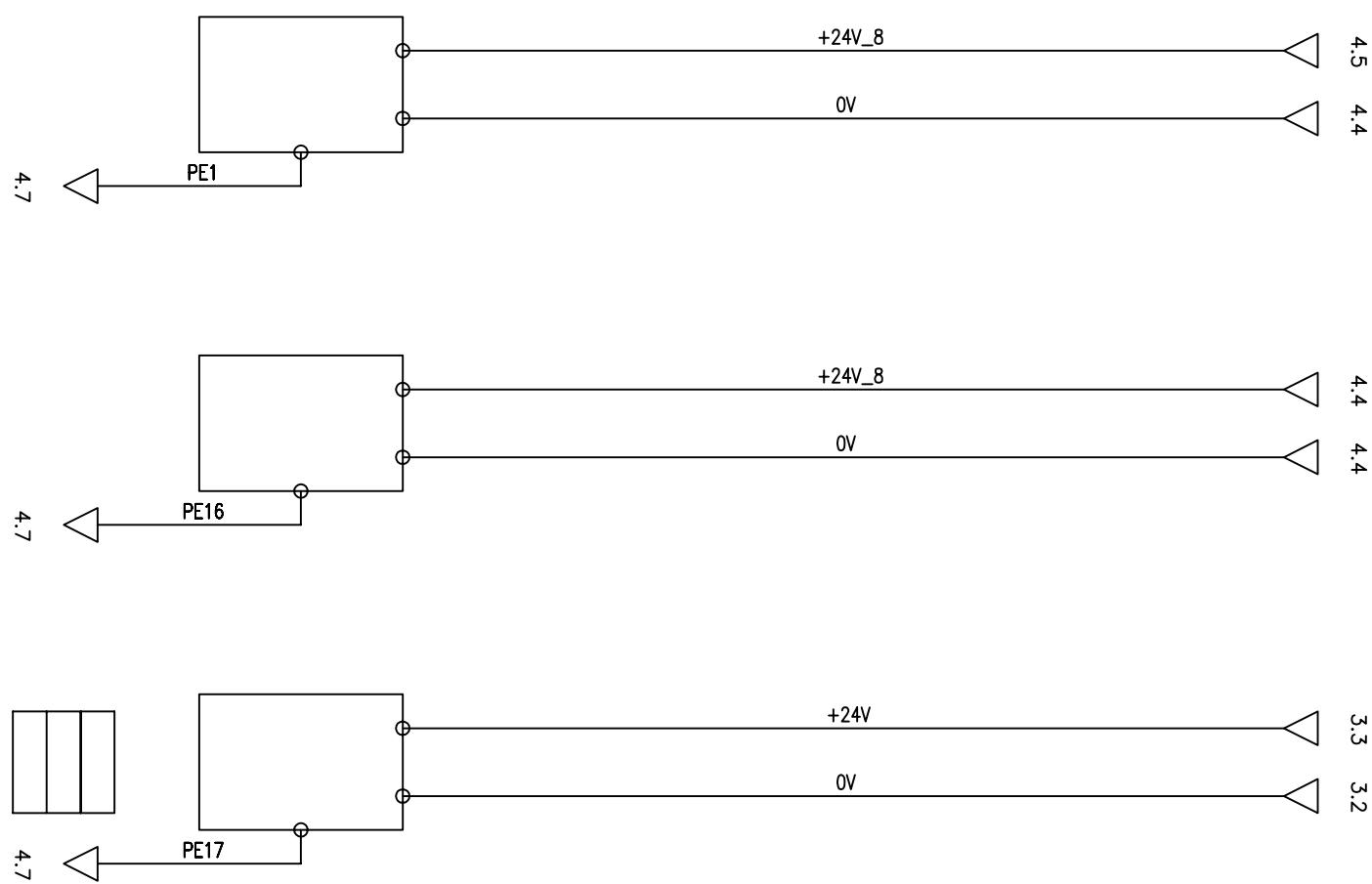
0V

+24V_8

0V

+24V

0V



C

B

D

E

F

A

C

B

D

E

F

PANNELLO
OPERATORE
OP 015DP-DP
KOUPLER

PLC

Maticola : TTX011

Preparato :

Funzione :

ALIM. COMPONENTI ELETTRONICI

Progetto :

Verificato :

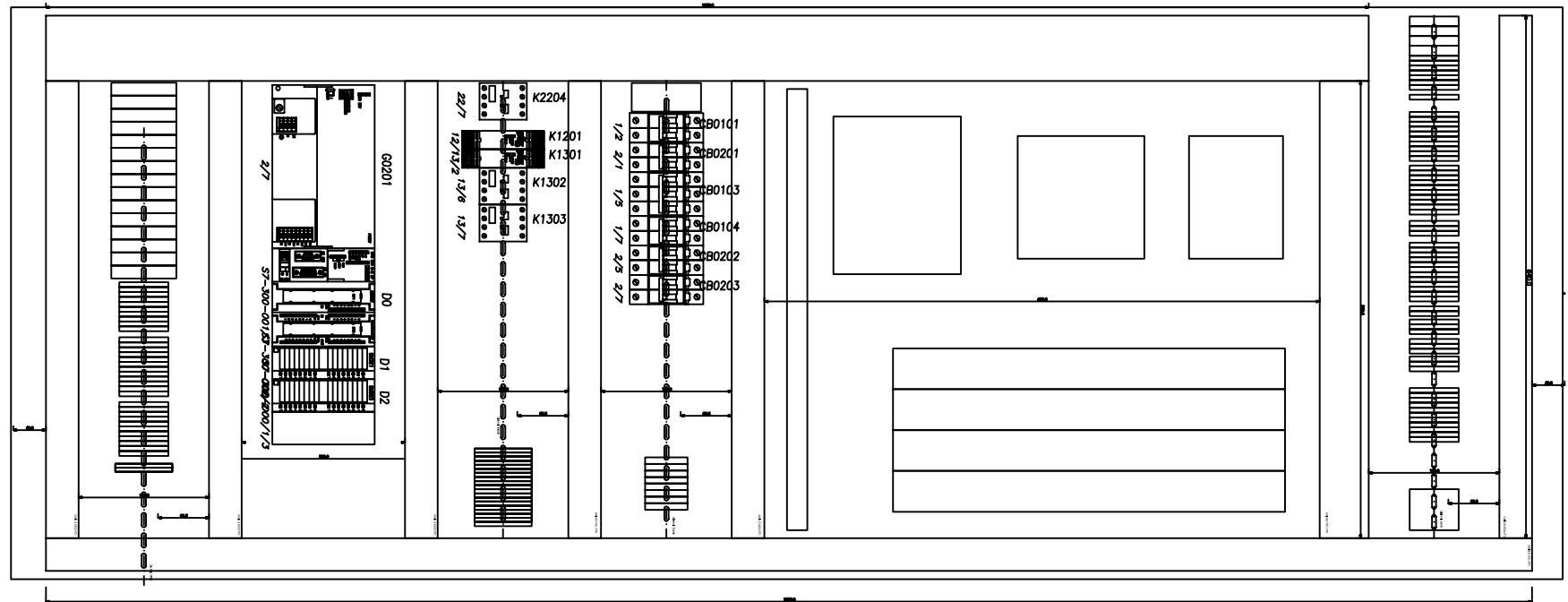
Macchina : TOO-TOWER 1600-150-CAT 6000-M

Data : 18/02/2010 Rev. ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.

Pag. 30

Pagina successiva

31



1

2

3

4

5

6

7

8

A

B

C

D

E

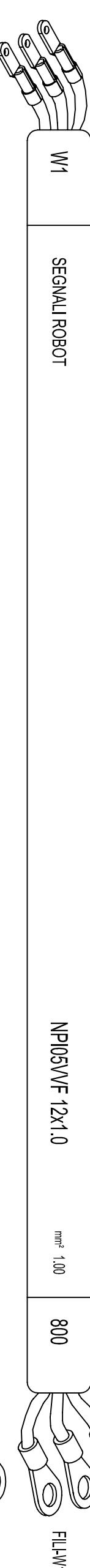
F

CODICE CAVO
L (cm)
RIFERIMENTO

#

CAVO

FUNZIONE



1

W1

SEGNALI ROBOT

NPI05VVF 12x1.0

mm²

1.00

800

FILL-W1

2

W2

COMANDI ROBOT + LIMITI CORSA ASSE VERTICALE

NPI05VVF 12x1.0

mm²

1.00

800

FILL-W2

3

W3

SEGNALI BRACCIO DI CAMBIO

NPI05VVF 12x1.0

mm²

1.00

800

FILL-W3

4

W4

COMANDI BRACCIO DI CAMBIO + SBLOCCO PORTA CARICO MANUALE

NPI05VVF 16x1.0

mm²

1.00

800

FILL-W4

5

W5

SEGNALI + COMANDI CARICO MANUALE

NPI05VVF 16x1.0

mm²

1.00

5000

FILL-W5

6

W6

LIMIT ASSE ROTANTE

NPI05VVF 7x1.0

mm²

1.00

500

FILL-W6

7

W7

ILLUMINAZIONE TORRE

NPI07VVF 3x2.5

mm²

2.50

300

FILL-W7

8

WB1-1A

ROBOT - ASSE OTIZZ. AVANTI (A)

PUR 4x0.34

mm²

0.50

100

FILL-WB1-1A

9

WB1-1B

ROBOT - ASSE OTIZZ. AVANTO (B)

PUR 4x0.34

mm²

0.50

100

FILL-WB1-1B

10

WB1-1C

ROBOT - ASSE OTIZZ. AVANTO (C)

PUR 4x0.34

mm²

0.50

100

FILL-WB1-1C

11

WB1-1D

ROBOT - ASSE OTIZZ. AVANTO (D)

PUR 4x0.34

mm²

0.50

100

FILL-WB1-1D

12

WB1-1E

ROBOT - ASSE OTIZZ. AVANTO (E)

PUR 4x0.34

mm²

0.50

100

FILL-WB1-1E



TOOL CHANGING SYSTEM

Data : 28/01/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. CAVI-001

Pagina successiva CAVI-002

1

2

3

4

5

6

7

8

CODICE CAVO

L (cm)

RIFERIMENTO

A

#

CAVO

FUNZIONE

1

2

3

4

5

6

7

8

WB1-1B

ROBOT - ASSE OTIZZ. AVANTI (B)

PUR 3x0.34

mm² 0.50

100

FLL-WB1-1B

WB1-2A

ROBOT - ASSE OTIZZ. INDIETRO (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-2A

WB1-2B

ROBOT - ASSE OTIZZ. INDIETRO (B)

PUR 3x0.34

mm² 0.50

100

FLL-WB1-2B

WB1-3A

ROBOT - MANO CHIUSA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-3A

WB1-3B

ROBOT - MANO CHIUSA (B)

PUR 3x0.34

mm² 0.50

100

FLL-WB1-3B

WB1-4A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-4A

WB1-4B

ROBOT - MANO APERTA (B)

PUR 3x0.34

mm² 0.50

100

FLL-WB1-4B

WB1-5A

ROBOT - MANO BLOCCATA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-5A

WB1-5B

ROBOT - MANO BLOCCATA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-5B

WB1-6A

ROBOT - MANO BLOCCATA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-6A

WB1-6B

ROBOT - MANO BLOCCATA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-6B

WB1-7A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-7A

WB1-7B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-7B

WB1-8A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-8A

WB1-8B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-8B

WB1-9A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-9A

WB1-9B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-9B

WB1-10A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-10A

WB1-10B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-10B

WB1-11A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-11A

WB1-11B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-11B

WB1-12A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-12A

WB1-12B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-12B

WB1-13A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-13A

WB1-13B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-13B

WB1-14A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-14A

WB1-14B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-14B

WB1-15A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-15A

WB1-15B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-15B

WB1-16A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-16A

WB1-16B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-16B

WB1-17A

ROBOT - MANO APERTA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-17A

WB1-17B

ROBOT - MANO APERTA (B)

PUR 4x0.34

mm² 0.50

100

1

2
CAVO
FUNZIONE

3

4

5

6

7

8

A

1

2
CAVO
FUNZIONE

3

4

5

6

7

8

A

17

WB1-5B

ROBOT - MANO BLOCCATA (B)

PUR 3x0.34

mm² 0.50

100

FLL-WB1-5B

18

WB1-6A

ROBOT - MANO SBLOCCATA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-6A

19

WB1-6B

ROBOT - MANO SBLOCCATA (B)

PUR 3x0.34

mm² 0.50

100

FLL-WB1-6B

20

WB1-7A

ROBOT - MANO OCCUPATA (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-7A

21

WB1-7B

ROBOT - MANO OCCUPATA (B)

PUR 3x0.34

mm² 0.50

100

FLL-WB1-7B

22

WB1-8A

ROBOT - FTC PRESENZA UTENSILE (A)

PUR 4x0.34

mm² 0.50

100

FLL-WB1-8A

23

WB1-8B

ROBOT - FTC PRESENZA UTENSILE (A)

PUR 3x0.34

mm² 0.50

100

FLL-WB1-8B

24

WB2-1

ASSE VERTICALE - LIMITE CORSA +

NPI07WVF 2x1.0

mm² 1.00

200

FLL-WB2-1

F

F

D

F

C

F

E

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

1

2

3

4

5

6

7

8

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
25	WB2-2	ASSE VERTICALE - LIMITE CORSA -	NPI07VVF 2x1.0 mm ² 1.00	200 FILL-WB2-2
26	WB2-3	COMANDI ELETTRICOVALVOLE ATTUATORI ROBOT	NPI05VVF 25x0.35 mm ² 1.00	100 FILL-WB2-3
27	WB3-1	CAMBIO - PINZA 'A' BLOCCATA	PUR 3x0.34 mm ² 0.50	100 FILL-WB3-1
28	WB3-1A	CAMBIO - PINZA 'A' BLOCCATA (A)	PUR 3x0.34 mm ² 0.50	30 FILL-WB3-1A
29	WB3-2	CAMBIO - PINZA 'A' SBLOCCATA	PUR 3x0.34 mm ² 0.50	100 FILL-WB3-2
30	WB3-2A	CAMBIO - PINZA 'A' SBLOCCATA (A)	PUR 3x0.34 mm ² 0.50	30 FILL-WB3-2A
31	WB3-4	CAMBIO - PINZA 'B' SBLOCCATA	PUR 3x0.34 mm ² 0.50	100 FILL-WB3-4
32	WB3-5	CAMBIO - PINZA 'A' OCCUPATA	PUR 3x0.34 mm ² 0.50	100 FILL-WB3-5

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

1

2

3

4

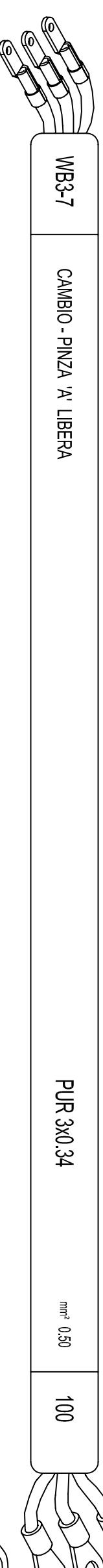
5

6

7

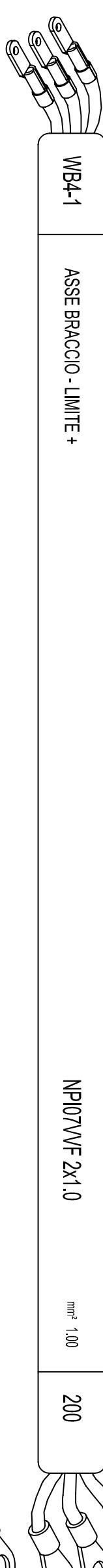
8

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
33	WB3-7	CAMBIO - PINZA 'A' LIBERA	PUR 3x0.34	FILL-WB3-7



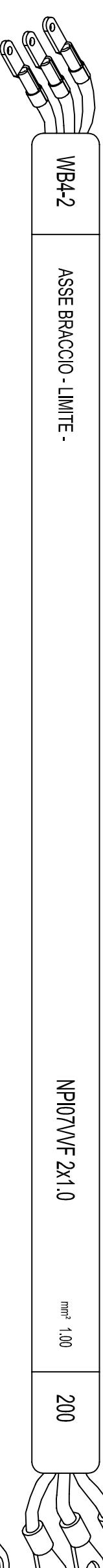
FILL-WB3-7

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
34	WB4-1	ASSE BRACCIO - LIMITE +	NPI07VVF 2x1.0	FILL-WB4-1



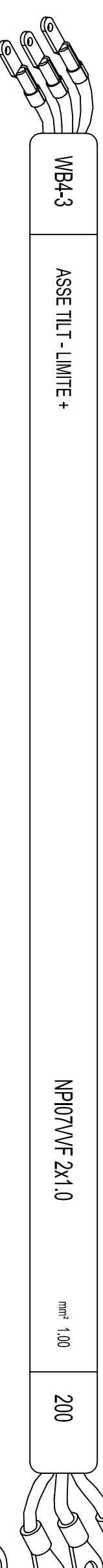
FILL-WB4-1

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
35	WB4-2	ASSE BRACCIO - LIMITE -	NPI07VVF 2x1.0	FILL-WB4-2



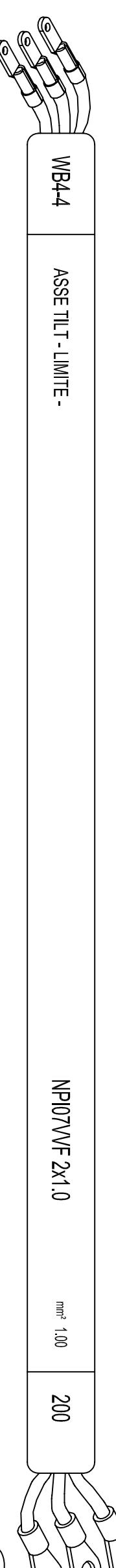
FILL-WB4-2

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
36	WB4-3	ASSE TILT - LIMITE +	NPI07VVF 2x1.0	FILL-WB4-3



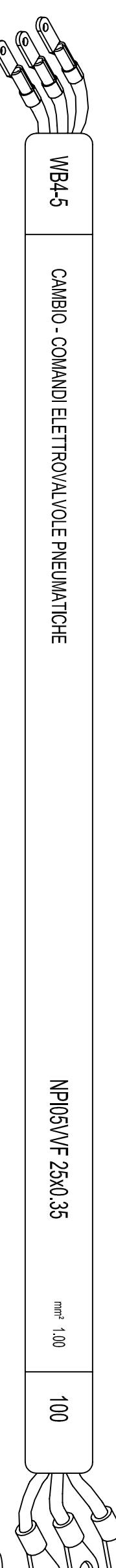
FILL-WB4-3

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
37	WB4-4	ASSE TILT - LIMITE -	NPI07VVF 2x1.0	FILL-WB4-4



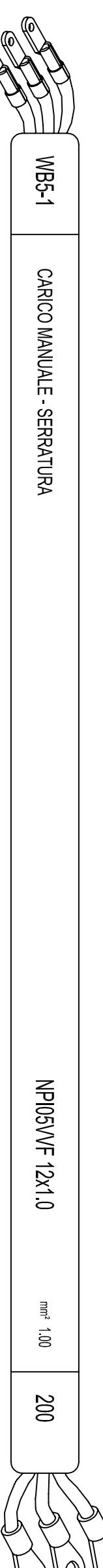
FILL-WB4-4

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
38	WB4-5	CAMBIO - COMANDI ELETROVALVOLE PNEUMATICHE	NPI05VVF 25x0.35	FILL-WB4-5



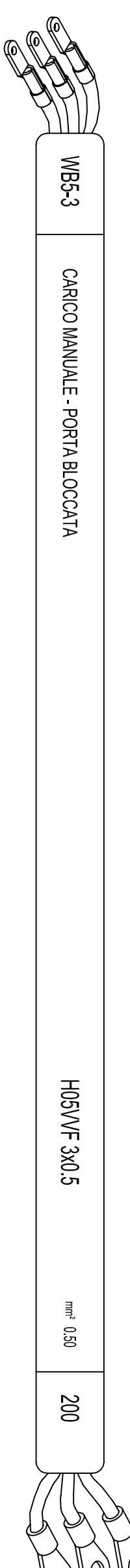
FILL-WB4-5

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
39	WB5-1	CARICO MANUALE - SERRATURA	NPI05VVF 12x1.0	FILL-WB5-1



FILL-WB5-1

#	CAVO	FUNZIONE	CODICE CAVO	RIFERIMENTO
40	WB5-3	CARICO MANUALE - PORTA BLOCCATA	H05VVF 3x0.5	FILL-WB5-3



FILL-WB5-3



Matricola : TTX011 Preparato : Funzione : RIEPILOGO CAVI
 Progetto : Verificato : RIEPILOGO CAVI
 Macchina : TOO-TOWER 1600-150-CAT6P/600-M
 Data : 22/02/2010 Rev. : ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. CAVI-005

Pagina successiva CAVI-006

	1	2	3	4	5	6	7	8
#	CAVO	FUNZIONE						RIFERIMENTO

A								
---	--	--	--	--	--	--	--	--

41	WB5-3A	CARICO MANUALE - PORTA BLOCCATA (A)	H05VVF 3x0.5	mm ² 0.50	200	FILL-WB5-3A		
----	--------	-------------------------------------	--------------	----------------------	-----	-------------	--	--

42	WB5-4	CARICO MANUALE - PINZA OCCUPATA	H05VVF 3x0.5	mm ² 0.50	200	FILL-WB5-4		
----	-------	---------------------------------	--------------	----------------------	-----	------------	--	--

43	WB5-4A	CARICO MANUALE - PINZA OCCUPATA (A)	H05VVF 3x0.5	mm ² 0.50	200	FILL-WB5-4A		
----	--------	-------------------------------------	--------------	----------------------	-----	-------------	--	--

44	WB5-5	MICROINTERRUTTORE 1 PORTA MANUTENZIONE CHIUSA	PUR 4x0.34	mm ² 0.50	200	FILL-WB5-5		
----	-------	---	------------	----------------------	-----	------------	--	--

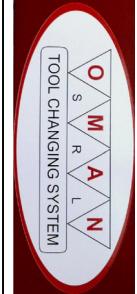
45	WB5-6	MICROINTERRUTTORE 2 PORTA MANUTENZIONE CHIUSA	PUR 4x0.34	mm ² 0.50	200	FILL-WB5-6		
----	-------	---	------------	----------------------	-----	------------	--	--

46	WB5-7	PORTA CARICO MANUALE RUOTATA	PUR 3x0.34	mm ² 0.50	100	FILL-WB5-7		
----	-------	------------------------------	------------	----------------------	-----	------------	--	--

47	WB6-1	ASSE ROTANTE - LIMITE +	NPI07VVF 2x1.0	mm ² 1.00	200	FILL-WB6-1		
----	-------	-------------------------	----------------	----------------------	-----	------------	--	--

48	WB6-2	ASSE ROTANTE - LIMITE -	NPI07VVF 2x1.0	mm ² 1.00	200	FILL-WB6-2		
----	-------	-------------------------	----------------	----------------------	-----	------------	--	--

Matricola : TTX011	Preparato :	Funzione :	Pag. CAVI-006
Progetto :	Verificato :		
Macchina : TOO-TOWER 1600-150-CAT6P/600-M			
Data : 22/02/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.	Pagina successiva CAVI-007



1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

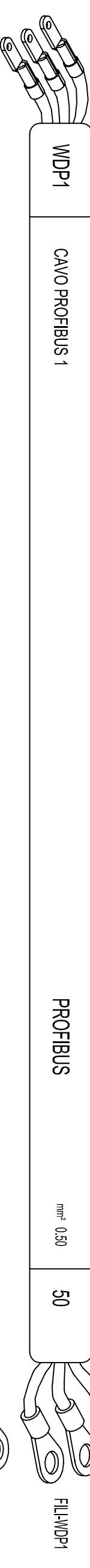
#	CAVO	FUNZIONE
---	------	----------

CODICE CAVO

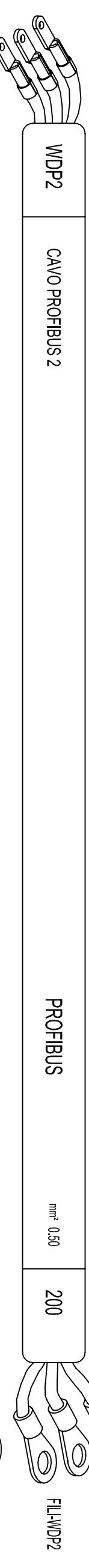
RIFERIMENTO

L (cm)

RIFERIMENTO



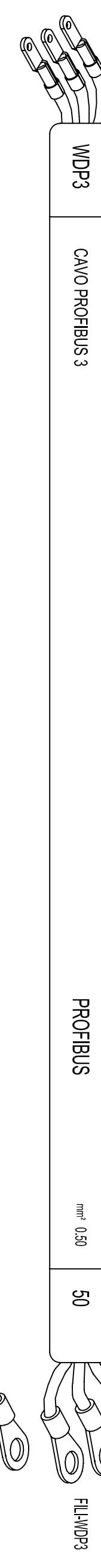
WDP1
CAVO PROFIBUS 1
PROFIBUS
mm² 0.50
50
FILL-WDP1



WDP2
CAVO PROFIBUS 2
PROFIBUS
mm² 0.50
200
FILL-WDP2



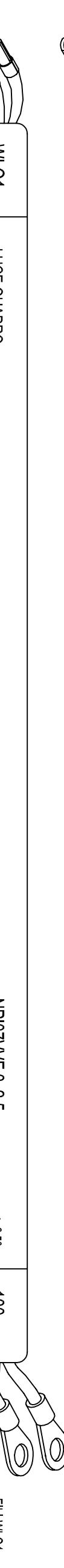
WDP3
CAVO PROFIBUS 3
PROFIBUS
mm² 0.50
50
FILL-WDP3



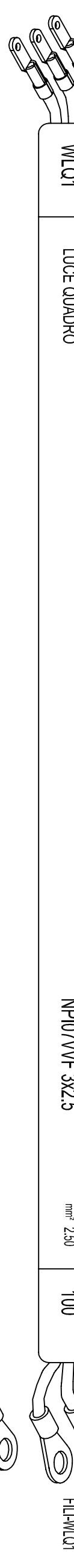
WDP4
CAVO PROFIBUS 4
PROFIBUS
mm² 0.50
50
FILL-WDP4



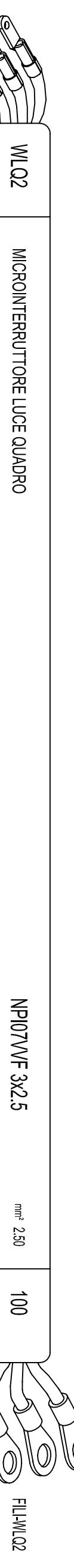
WLQ1
LUCE QUADRO
NPI07VVF 3x2.5
mm² 2.50
100
FILL-WLQ1



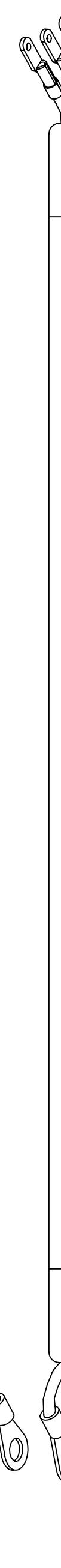
WLQ2
MICROINTERRUTTORE LUCE QUADRO
NPI07VVF 3x2.5
mm² 2.50
100
FILL-WLQ2



WM1A
CAVO MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1A



WM1B
PROLUNGA MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1B



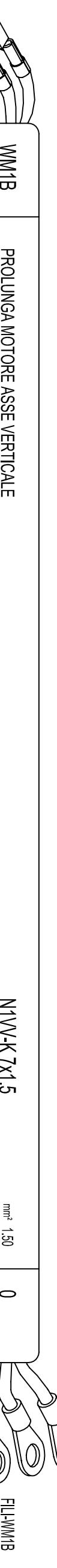
WM1C
PROLUNGA MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1C



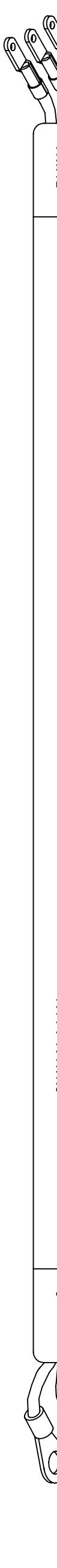
WM1D
PROLUNGA MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1D



WM1E
PROLUNGA MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1E



WM1F
PROLUNGA MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1F



WM1G
PROLUNGA MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1G



WM1H
PROLUNGA MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1H



WM1I
PROLUNGA MOTORE ASSE VERTICALE
N1WW-K 7x1.5
mm² 1.50
0
FILL-WM1I



Matricola : TTX011
Progetto : Verificato :
Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M
Data : 22/02/2010 Rev. : ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

RIEPILOGO CAVI

Pag. CAVI-007

Pagina successiva
CAVI-008

1

2

3

4

5

6

7

8

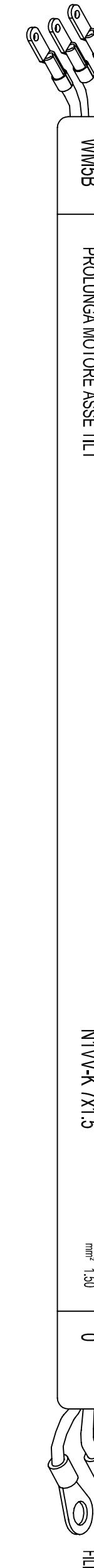
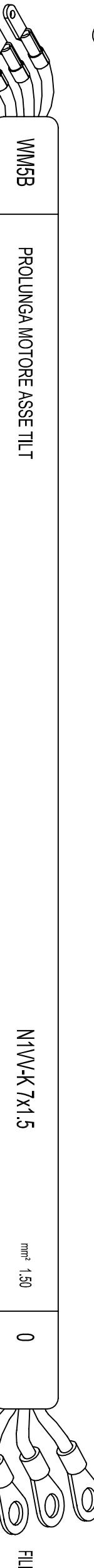
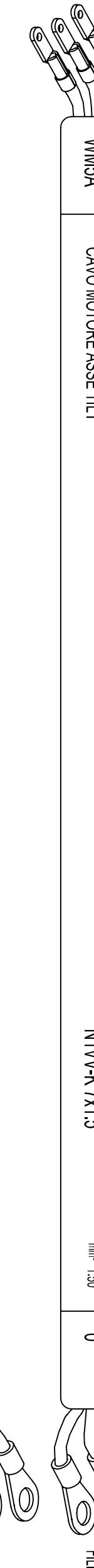
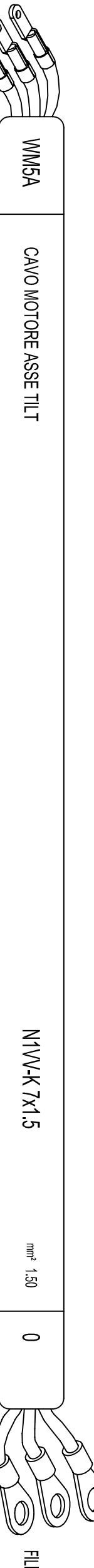
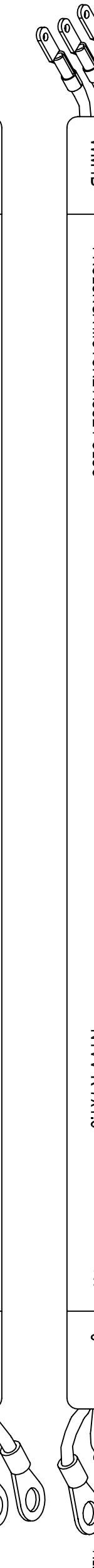
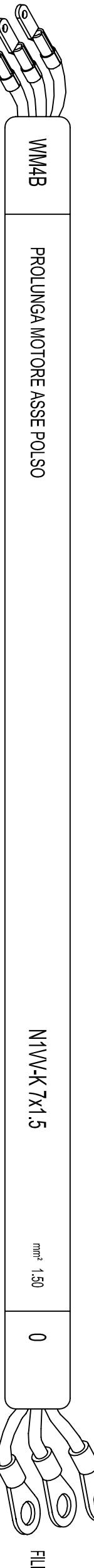
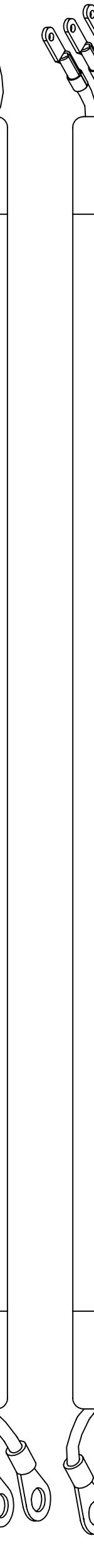
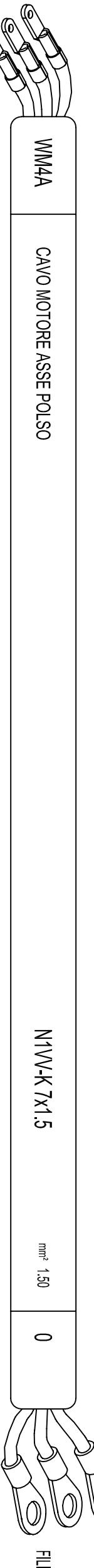
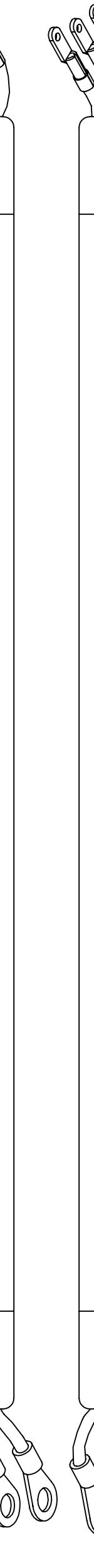
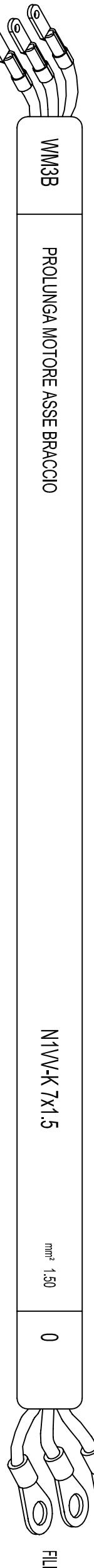
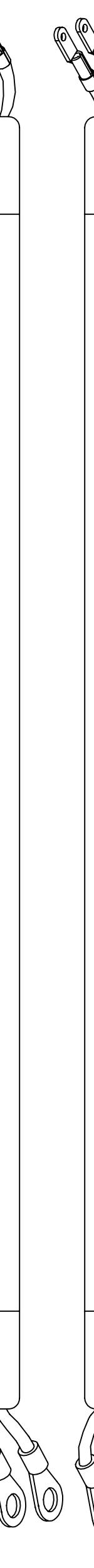
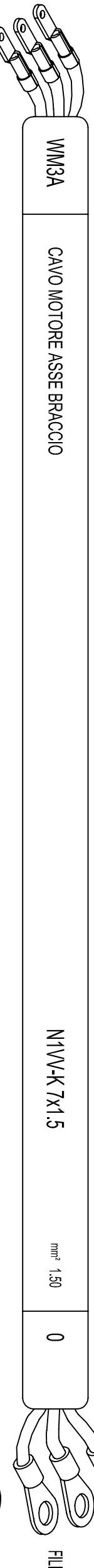
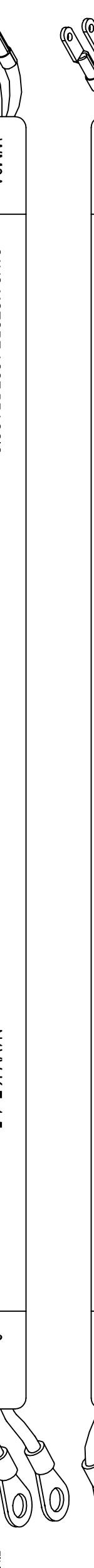
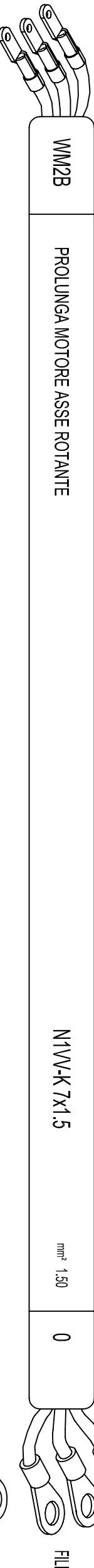
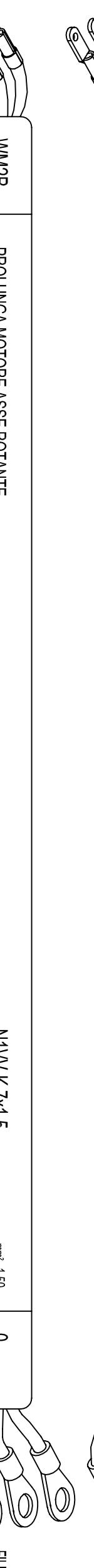
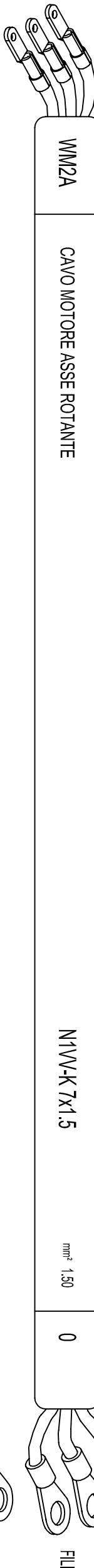
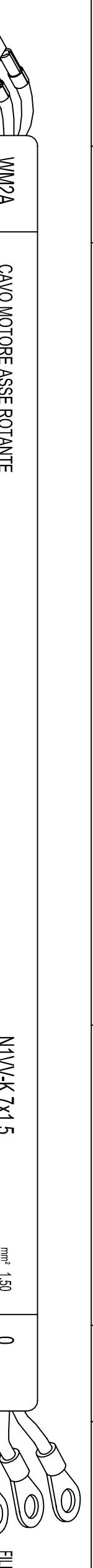
#	CAVO	FUNZIONE	CODICE CAVO	L (cm)	RIFERIMENTO
57	WM2A	CAVO MOTORE ASSE ROTANTE	N1W-K 7x1.5	mm ² 1.50	0
58	WM2B	PROLUNGA MOTORE ASSE ROTANTE	N1W-K 7x1.5	mm ² 1.50	0
59	WM3A	CAVO MOTORE ASSE BRACCIO	N1W-K 7x1.5	mm ² 1.50	0
60	WM3B	PROLUNGA MOTORE ASSE BRACCIO	N1W-K 7x1.5	mm ² 1.50	0
61	WM4A	CAVO MOTORE ASSE POLSO	N1W-K 7x1.5	mm ² 1.50	0
62	WM4B	PROLUNGA MOTORE ASSE POLSO	N1W-K 7x1.5	mm ² 1.50	0
63	WM5A	CAVO MOTORE ASSE TILT	N1W-K 7x1.5	mm ² 1.50	0
64	WM5B	PROLUNGA MOTORE ASSE TILT	N1W-K 7x1.5	mm ² 1.50	0

C

D

E

F



Maticola : TTX011

Progetto :

Macchina : TOO-TOWER 1600-150-CAT6P/60deg-M

Data : 22/02/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, ENTIRELY OR PARTIALLY OR EMBODIED, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

RIFERIMENTO

Pag. CAVI-008

Pagina successiva

CAVI-009

1

2

3

4

5

6

7

8

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II





A horizontal row of 12 circles, each containing a diagonal line from top-left to bottom-right. This is followed by a short horizontal space and then four empty square boxes.



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT		
Data : 08/04/2010 Rev.	All contents within this document are copyrighted by and belong to OMNIA SRL. All rights are reserved under the regulations in force. No part of this document may be reproduced, published, disclosed or distributed, either partially or entirely, without the prior written consent of OMNIA SRL.	
	Pag. FILI-W4	Pagina successiva FILI-W5

1

2

3

4

5

6

7

8

A

Cavo: **W5** Codice: **NPI05WF 16x1.0** Descrizione: **SEGNALI + COMANDI CARICO MANUALE**

Da:

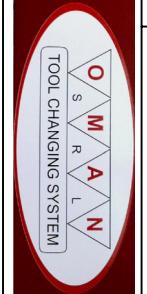
A:

Lunghezza (m): **50** Note:

5	Ø	XB5+24V_5	16.3	_MORS. SEGNALI+COMANDI CARICO	+24V_5	1	CONN. SEGNALI+COMANDI CARICO	16.3	8	XCH5.8	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.0V	24.4	_MORS. SEGNALI+COMANDI CARICO	0V	2	CONN. SEGNALI+COMANDI CARICO	24.4	7	XCH5.7	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1201	12.7	_MORS. SEGNALI+COMANDI CARICO	1201	3	CONN. SEGNALI+COMANDI CARICO	12.7	4	XCH5.4	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1202	12.7	_MORS. SEGNALI+COMANDI CARICO	1202	4	CONN. SEGNALI+COMANDI CARICO	12.7	3	XCH5.3	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1205	12.6	_MORS. SEGNALI+COMANDI CARICO	1205	5	CONN. SEGNALI+COMANDI CARICO	12.6	1	XCH5.1	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1210	12.6	_MORS. SEGNALI+COMANDI CARICO	1210	6	CONN. SEGNALI+COMANDI CARICO	12.6	2	XCH5.2	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1601	16.3	_MORS. SEGNALI+COMANDI CARICO	1601	7	CONN. SEGNALI+COMANDI CARICO	16.3	9	XCH5.9	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1602	16.4	_MORS. SEGNALI+COMANDI CARICO	1602	8	CONN. SEGNALI+COMANDI CARICO	16.4	11	XCH5.11	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1603	16.4	_MORS. SEGNALI+COMANDI CARICO	1603	9	CONN. SEGNALI+COMANDI CARICO	16.4	5	XCH5.5	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.0V	16.3	_MORS. SEGNALI+COMANDI CARICO	0V	10	CONN. SEGNALI+COMANDI CARICO	16.3	10	XCH5.10	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.2403	24.4	_MORS. SEGNALI+COMANDI CARICO	2403	11	CONN. SEGNALI+COMANDI CARICO	24.4	6	XCH5.6	Ø	Ø	Ø	Ø	Ø
5	Ø			+24V_5	12	_MORS. SEGNALI+COMANDI CARICO	18.4		XBX5.24V_5	Ø	Ø	Ø	Ø	Ø	
5	Ø	XB5.1803	18.4	_MORS. SEGNALI+COMANDI CARICO	1803	13	CONN. SEGNALI+COMANDI CARICO	18.4	13	XCH5.13	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1804	18.4	_MORS. SEGNALI+COMANDI CARICO	1804	14	CONN. SEGNALI+COMANDI CARICO	18.4	14	XCH5.14	Ø	Ø	Ø	Ø	Ø
5	Ø	XB5.1806	18.6	_MORS. SEGNALI+COMANDI CARICO	1806	15	MORS. SEGNALI CAMBIO	18.6		X3.1806	Ø	Ø	Ø	Ø	Ø
5	Ø						Giv'e				Ø	Ø	Ø	Ø	Ø

E

F



Matricola : TTX011 Preparato : Funzione :
 Progetto : Verificato : DISTINTA CAVO
 Macchina : TOO-TOWER 1600-150-CAT6000-M
 Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMAS SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMAS SRL.

Pag. FILI-W5
Pagina successiva
FILI-W6

1

2

3

4

5

6

7

8

F

E

D

C

A

Cavo: **W6**Codice: **NPI05WVF7x1.0**Descrizione: **LIMITI ASSE ROTANTE**

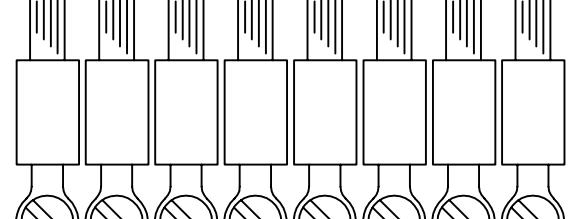
Da:

A:

Lunghezza (m): **5**

Note:

6		XB6+24V_2	27.8	_MORS. SEGNALI ASSE ROTANTE	+24V_2	1	CONN. SEGNALI ASSE ROTANTE	27.8	2	XCH6.2	
6		XB6.2704	27.7	_MORS. SEGNALI ASSE ROTANTE	2704	2	CONN. SEGNALI ASSE ROTANTE	27.6	1	XCH6.1	
6		XB6.2705	27.7	_MORS. SEGNALI ASSE ROTANTE	2705	3	CONN. SEGNALI ASSE ROTANTE	27.6	3	XCH6.3	
6						4					
6						5					
6						6					
6						7					
6											



C

D

E

F

F

E

D

C

A



Maticola : TTX011

Progetto :

Macchina :

Data :

Rev.

Preparato :

Verificato :

CAT 6a

1600-150-M

08/04/2010

DISTINTA CAVO

F

A:

Pag. FILI-W6

Fili-W7

1

2

3

4

5

6

7

8

9

10

11

12

13

Cavo: W7**Codice: NPI07WVF 3x2.5****Descrizione: ILLUMINAZIONE TORRE****Da:****A:****Lunghezza (m): 3****Note:**

7			XB7.0202	2.1	_MORS. ILLUMINAZIONE TORRE	0202		CONN. ILLUMINAZIONE TORRE
7			XB7.0204	2.2	_MORS. ILLUMINAZIONE TORRE	0204		CONN. ILLUMINAZIONE TORRE
7			XB7.0215	2.2	_MORS. ILLUMINAZIONE TORRE	PE15		CONN. ILLUMINAZIONE TORRE

A

C

B

D

E

F

C

B

D

E

F



Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. FILI-W7

Pagina successiva
FILI-WB1-1A

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Cavo: WB1-1B**Codice: PUR 3x0.34****Descrizione: ROBOT - ASSE ORIZZONTALE AVANTI (B)**

Da:

A:

Lunghezza (m): **1**

Note:

9			S1701	17.2	ASSE ORIZZONTALE POSIZIONE AVANTI			BN	CONN. SEGNALI ROBOT 1B	17.2	1	XCH1-B.1		
9			S1701	17.2	ASSE ORIZZONTALE POSIZIONE AVANTI			BU	CONN. SEGNALI ROBOT 1B	17.3	3	XCH1-B.3		
9			S1701	17.2	ASSE ORIZZONTALE POSIZIONE AVANTI			BK	CONN. SEGNALI ROBOT 1B	17.2	2	XCH1-B.2		

F

E

D

C

B

A

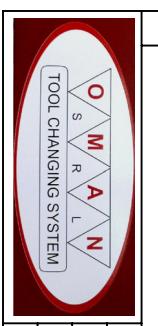
Maticola : TTX011 Preparato : Funzione : DISTINTA CAVO

Progetto : Verificato : Pag. FILI-WB1-1B

Macchina : TOO-TOWER 1600-150-CAT Pagina successiva

Data : 08/04/2010 Rev. FILI-WB1-2A

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIA SRL.



1

2

3

4

5

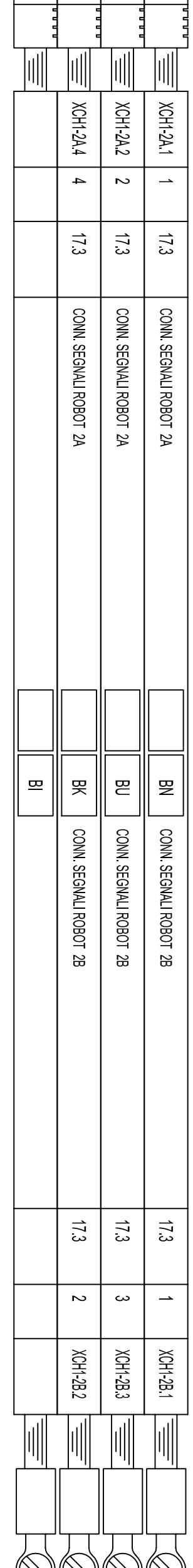
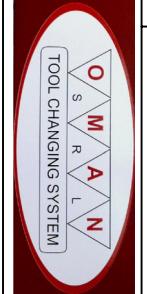
6

7

8

Cavo: WB1-2A**Codice: PUR 4x0.34****Descrizione: ROBOT - ASSE OTIZZ. INDIETRO (A)****Da:****A:****Lunghezza (m):****Note:**

10			XCH1-2A.1	1	17,3	CONN. SEGNALI ROBOT 2A			BN	CONN. SEGNALI ROBOT 2B			17,3	1	XCH1-2B.1		
10			XCH1-2A.2	2	17,3	CONN. SEGNALI ROBOT 2A			BU	CONN. SEGNALI ROBOT 2B			17,3	3	XCH1-2B.3		
10			XCH1-2A.4	4	17,3	CONN. SEGNALI ROBOT 2A			BK	CONN. SEGNALI ROBOT 2B			17,3	2	XCH1-2B.2		
10																	

**Pag. FILI-WB1-2A****Pagina successiva
FILI-WB1-2B****F****E****D****C****B****A****F****E****D****C****B****A****C****B****D****E****F**

Maticola : TTX011

Preparato : **FUNZIONE : DISTINTA CAVO**

Progetto :

Verificato :

Macchina : TOO-TOWER 1600-150-CAT6P600-M

Data : 08/04/2010

Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Cavo: WB1-2B**Codice: PUR 3x0.34****Descrizione: ROBOT - ASSE OTIZZ. INDIETRO (B)**

Da:

A:

Lunghezza (m): 1

Note:

11			S1702	17,3	ASSE ORIZZONTALE POSIZIONE INDIETRO			BN	CONN. SEGNALI ROBOT 2B	17,3	1	XCH1-2B.1		
11			S1702	17,3	ASSE ORIZZONTALE POSIZIONE INDIETRO			BU	CONN. SEGNALI ROBOT 2B	17,3	3	XCH1-2B.3		
11			S1702	17,3	ASSE ORIZZONTALE POSIZIONE INDIETRO			BK	CONN. SEGNALI ROBOT 2B	17,3	2	XCH1-2B.2		

F

E

D

C

B

A

F

E

D

C

B

A



Matricola : TTX011
 Progetto :
 Macchina : TOO-TOWER 1600-150-CAT
 Data : 08/04/2010 Rev.

Preparato :
 Verificato :
 APPROVATO

FUNZIONE :
 DISTINTA CAVO

PAG. FILI-WB1-2B
 PAGINA SUCCESSIVA
 FILI-WB1-3A

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

1

2

3

4

5

6

7

8

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: WB1-3A**Codice: PUR 4x0.34****Descrizione: ROBOT - MANO CHIUSA (A)**

Da:

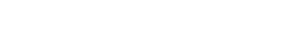
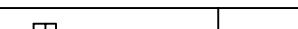
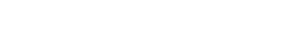
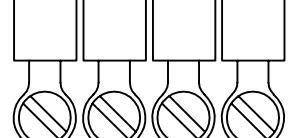
A

Lunghezza (m): **1**

Note:

A

12		XCH1-3A.1	1	17,3	CONN. SEGNALI ROBOT 3A			BN	CONN. SEGNALI ROBOT 3B			17,3	1	XCH1-3B.1	
12		XCH1-3A.2	2	17,4	CONN. SEGNALI ROBOT 3A			BU	CONN. SEGNALI ROBOT 3B			17,4	3	XCH1-3B.3	
12		XCH1-3A.4	4	17,4	CONN. SEGNALI ROBOT 3A			BK	CONN. SEGNALI ROBOT 3B			17,4	2	XCH1-3B.2	
12															



1

2

3

4

5

6

7

8

A:

B:

A:

Cavo: WB1-3B**Codice: PUR 3x0.34****Descrizione: ROBOT - MANO CHIUSA (B)**

Da:

A:

Lunghezza (m): **1**

Note:

13			S1703	17.4	SENSORE MANO CHIUSA		BN	CONN. SEGNALI ROBOT 3B	17.3	1	XCHI-3B.1		BU	CONN. SEGNALI ROBOT 3B
13			S1703	17.4	SENSORE MANO CHIUSA		XCHI-3B.3		17.4	3	XCHI-3B.3		XCHI-3B.2	CONN. SEGNALI ROBOT 3B
13			S1703	17.4	SENSORE MANO CHIUSA		BK	CONN. SEGNALI ROBOT 3B	17.4	2	XCHI-3B.2		BK	CONN. SEGNALI ROBOT 3B

F

E

D

C

B

A

F

E

D

C

B

A



Maticola : TTX011

Preparato :

Funzione :

DISTINTA CAVO

Progetto :

Verificato :

S1703

17.4

SENSORE MANO CHIUSA

BN

CONN. SEGNALI ROBOT 3B

17.3

1

XCHI-3B.1

1

2

3

4

5

6

7

8

Cavo: WB1-4A

Codice: PUR 4x0.34

Descrizione: ROBOT - MANO APERTA (A)

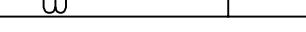
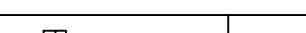
Da:

A:

Lunghezza (m): 1

Note:

14		XCH14A.1	1	17.4	CONN. SEGNALI ROBOT 4A			BN	CONN. SEGNALI ROBOT 4B	17.4	1	XCH14B.1	
14		XCH14A.2	2	17.4	CONN. SEGNALI ROBOT 4A			BU	CONN. SEGNALI ROBOT 4B	17.4	3	XCH14B.3	
14		XCH14A.4	4	17.4	CONN. SEGNALI ROBOT 4A			BK	CONN. SEGNALI ROBOT 4B	17.4	2	XCH14B.2	
14													



1

2

3

4

5

6

7

8

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.

Cavo: WB1-4B**Codice: PUR 3x0.34****Descrizione: ROBOT - MANO APERTA (B)**

Da:

A:

Lunghezza (m): **1**

Note:

15			S1704	17.4	SENSORE MANO APERTA			BN	CONN. SEGNALI ROBOT 4B
15			S1704	17.4	SENSORE MANO APERTA			BU	CONN. SEGNALI ROBOT 4B
15			S1704	17.4	SENSORE MANO APERTA			BK	CONN. SEGNALI ROBOT 4B

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

C

B

A

F

E

D

1

2

3

4

5

6

7

8

Cavo: WB1-5A**Codice: PUR 4x0.34****Descrizione: ROBOT - MANO BLOCCATA (A)****Da:****A:****Lunghezza (m):****Note:**

16		XCH1-5A.1	1	17.5	CONN. SEGNALI ROBOT 5A			BN	CONN. SEGNALI ROBOT 5B	17.5	1	XCH1-5B.1	
16		XCH1-5A.2	2	17.5	CONN. SEGNALI ROBOT 5A			BU	CONN. SEGNALI ROBOT 5B	17.5	3	XCH1-5B.3	
16		XCH1-5A.4	4	17.5	CONN. SEGNALI ROBOT 5A			BK	CONN. SEGNALI ROBOT 5B	17.5	2	XCH1-5B.2	
16													

**Pag. FILI-WB1-5A****Pagina successiva
FILI-WB1-5B****Matricola :** TTX011**Preparato :****Funzione :**
DISTINTA CAVO**Progetto :****Verificato :****Da:****A:****Lunghezza (m):****Note:****B:****C:****D:****E:****F:****G:****H:****I:****J:****K:****L:****M:****N:****O:****S:****R:****A:****L:****N:****TOOL CHANGING SYSTEM****WB1-5A****WB1-5B****WB1-5C****WB1-5D****WB1-5E****WB1-5F****WB1-5G****WB1-5H****WB1-5I****WB1-5J****WB1-5K****WB1-5L****WB1-5M****WB1-5N****WB1-5O****WB1-5P****WB1-5Q****WB1-5R****WB1-5S****WB1-5T****WB1-5U****WB1-5V****WB1-5W****WB1-5X****WB1-5Y****WB1-5Z****WB1-5AA****WB1-5AB****WB1-5AC****WB1-5AD****WB1-5AE****WB1-5AF****WB1-5AG****WB1-5AH****WB1-5AI****WB1-5AJ****WB1-5AK****WB1-5AL****WB1-5AM****WB1-5AN****WB1-5AO****WB1-5AP****WB1-5AQ****WB1-5AR****WB1-5AS****WB1-5AT****WB1-5AU****WB1-5AV****WB1-5AW****WB1-5AX****WB1-5AY****WB1-5AZ****WB1-5BA****WB1-5CA****WB1-5DA****WB1-5EA****WB1-5FA****WB1-5GA****WB1-5HA****WB1-5IA****WB1-5JA****WB1-5KA****WB1-5LA****WB1-5MA****WB1-5NA****WB1-5OA****WB1-5PA****WB1-5QA****WB1-5RA****WB1-5SA****WB1-5TA****WB1-5UA****WB1-5VA****WB1-5WA****WB1-5XA****WB1-5YA****WB1-5ZA****WB1-5BA****WB1-5CA****WB1-5DA****WB1-5EA****WB1-5FA****WB1-5GA****WB1-5HA****WB1-5IA****WB1-5JA****WB1-5KA****WB1-5LA****WB1-5MA****WB1-5NA****WB1-5OA****WB1-5PA****WB1-5QA****WB1-5RA****WB1-5SA****WB1-5TA****WB1-5UA****WB1-5VA****WB1-5WA****WB1-5XA****WB1-5YA****WB1-5ZA****WB1-5BA****WB1-5CA****WB1-5DA****WB1-5EA****WB1-5FA****WB1-5GA****WB1-5HA****WB1-5IA****WB1-5JA****WB1-5KA****WB1-5LA****WB1-5MA****WB1-5NA****WB1-5OA****WB1-5PA****WB1-5QA****WB1-5RA****WB1-5SA****WB1-5TA****WB1-5UA****WB1-5VA****WB1-5WA****WB1-5XA****WB1-5YA****WB1-5ZA****WB1-5BA****WB1-5CA****WB1-5DA****WB1-5EA****WB1-5FA**

<

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Cavo: WB1-5B**Codice: PUR 3x0.34****Descrizione: ROBOT - MANO BLOCCATA (B)**

Da:

A:

Lunghezza (m): **1**

Note:

17			S1705	17.5	SENSORE MANO BLOCCATA			BN	CONN. SEGNALI ROBOT 5B	17.5	1	XCH1-5B.1	
17			S1705	17.5	SENSORE MANO BLOCCATA			BU	CONN. SEGNALI ROBOT 5B	17.5	3	XCH1-5B.3	
17			S1705	17.5	SENSORE MANO BLOCCATA			BK	CONN. SEGNALI ROBOT 5B	17.5	2	XCH1-5B.2	

F

E

D

C

B

A

F

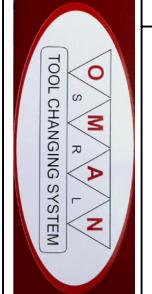
E

D

C

B

A



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	DISTINTA CAVO
Macchina : TOO-TOWER 1600-150-CAT	Rev. M	
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIA SRL.

Pag. FILI-WB1-5B

Pagina successiva
FILI-WB1-6A

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Cavo: WB1-6B	Codice: PUR 3x0.34	Descrizione: ROBOT - MANO SBLOCCATA (B)
Da:		A:

Lunghezza (m): **1****Note:**

19			S1706	17,5	SENSORE MANO SBLOCCATA			BN	CONN. SEGNALI ROBOT 6B	17,5	1	XCHI-6B.1	
19			S1706	17,5	SENSORE MANO SBLOCCATA			BU	CONN. SEGNALI ROBOT 6B	17,6	3	XCHI-6B.3	
19			S1706	17,5	SENSORE MANO SBLOCCATA			BK	CONN. SEGNALI ROBOT 6B	17,5	2	XCHI-6B.2	

1

2

3

4

5

6

7

8

Cavo: WB1/7A**Codice: PUR 4x0.34****Descrizione: ROBOT - MANO OCCUPATA (A)**

Da:

A:

Lunghezza (m): **1**

Note:

20		XCH1-7A.1	1	17,6	CONN. SEGNALI ROBOT 7A			BN	CONN. SEGNALI ROBOT 7B	17,6	1	XCH1-7B.1	
20		XCH1-7A.2	2	17,6	CONN. SEGNALI ROBOT 7A			BU	CONN. SEGNALI ROBOT 7B	17,6	3	XCH1-7B.3	
20		XCH1-7A.4	4	17,6	CONN. SEGNALI ROBOT 7A			BK	CONN. SEGNALI ROBOT 7B	17,6	2	XCH1-7B.2	
20													

F

E

D

C

B

A

1

2

3

4

5

6

7

8



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	DISTINTA CAVO
Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIA SRL.
		Pag. FILI-WB1-7A
		Pagina successiva FILI-WB1-7B

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Cavo: WB1/7B**Codice: PUR 3x0.34****Descrizione: ROBOT - MANO OCCUPATA (B)**

Da:

A:

Lunghezza (m):

1

Note:

21		S1707	17.6	SENSORE MANO OCCUPATA		BN	CONN. SEGNALI ROBOT 7B
21		S1707	17.6	SENSORE MANO OCCUPATA		BU	CONN. SEGNALI ROBOT 7B
21		S1707	17.6	SENSORE MANO OCCUPATA		BK	CONN. SEGNALI ROBOT 7B



C

B

A

D

E

F

E

D

C

B

F

E

D

C

B

A



Maticola : TTX011

Preparato :

Funzione : DISTINTA CAVO

Progetto :

Verificato :

Data : 08/04/2010

Rev.

Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIA SRL.

Pag. FILI-WB1-7B

Pagina successiva
FILI-WB1-8A

1

2

3

4

5

6

7

8

F

E

D

C

B

A

Cavo: WB1-8A **Codice: PUR 4x0.34** **Descrizione: ROBOT - FTC PRESENZA UTENSILE (A)**

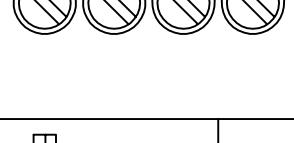
Da:

A:

Lunghezza (m): **1**

Note:

22		XCH1-8A.1	1	17,6	CONN. SEGNALI ROBOT 8A			BN	CONN. SEGNALI ROBOT 8B			17,6	1	XCH1-8B.1	
22		XCH1-8A.2	2	17,7	CONN. SEGNALI ROBOT 8A			BU	CONN. SEGNALI ROBOT 8B			17,7	3	XCH1-8B.3	
22		XCH1-8A.4	4	17,7	CONN. SEGNALI ROBOT 8A			BK	CONN. SEGNALI ROBOT 8B			17,7	2	XCH1-8B.2	
22															



Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIA SRL.



TOOL CHANGING SYSTEM

F

E

D

C

PAGE FILI-WB1-8A
PAGINA SUCCESSIVA
FILI-WB1-8B

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Cavo: WB2-1**Codice: NPI07WF 2x1.0****Descrizione: ASSE VERTICALE - LIMITE CORSA +****Da:****A:****B:****C:****D:****E:****F:****G:****H:****I:****J:****K:****L:****M:****N:****O:****P:****Q:****R:****S:****T:****U:****V:****W:****X:****Y:****Z:****AA:****BB:****CC:****DD:****EE:****FF:****GG:****HH:****II:****JJ:****KK:****LL:****MM:****NN:****OO:****PP:****QQ:****RR:****SS:****TT:****UU:****VV:****WW:****XX:****YY:****ZZ:****AA:****BB:****CC:**

Maticola : TTX011

Progetto :

Macchina :

Data :

Rev.

Preparato :

Verificato :

S2701

11

27.2

EXTRACORSA ASSE +

+24V_2

BN

— MORS. COMANDI ROBOT

2701

BU

— MORS. COMANDI ROBOT

27.2

XB27201

XB27201

— MORS. COMANDI ROBOT

XB27201

1

2

3

4

5

6

7

8

B

C

D

E

F

A

Cavo: WB2-2 | Codice: NPI07WF 2x1.0 | Descrizione: ASSE VERTICALE - LIMITE CORSA -

Da:

Lunghezza (m): 2 | Note:

A:

25			S2702	11	27.2	EXTRACORSA ASSE -	+24V_2		— MORS. COMANDI ROBOT
25			S2702	12	27.2	EXTRACORSA ASSE -	2702		— MORS. COMANDI ROBOT



Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. FILI-WB2-2

Pagina successiva
FILI-WB2-3

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Cavo: WB2-3

Codice: NP105WF 25x0.35

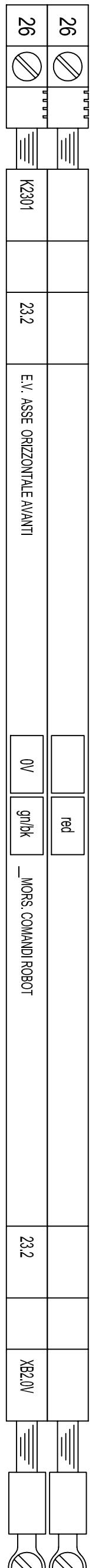
Descrizione: COMANDI ELETROVALVOLE ATTUATORI/ROBOT

Da:

A:

Lunghezza (m): 1

Note:



C

C

B

B

A

A

D

D

E

E

F

F

E

E



Matricola : TTX011

Preparato : Funzione :

DISTINTA CAVO

Progetto :

Verificato :

Macchina : TOO-TOWER 1600-150-CAT

E.V. ASSE ORIZZONTALE AVANTI

Data : 08/04/2010

Rev. :

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. FILI-WB2-3-001

Pagina successiva
FILI-WB3-1



K2301	23.2	E.V. ASSE ORIZZONTALE AVANTI	2301	bul/bk	_ MORS. COMANDI ROBOT	23.2		XB2.2301
K2302	23.3	E.V. ASSE ORIZZONTALE INDIETRO	2302	re/bn	_ MORS. COMANDI ROBOT	23.3		XB2.2302
K2303	23.3	E.V. CHIUSURA MANIPOLATORE	2303	wil/bk	_ MORS. COMANDI ROBOT	23.3		XB2.2303
K2304	23.4	E.V. APERTURA MANIPOLATORE	2304	re/bu	_ MORS. COMANDI ROBOT	23.4		XB2.2304
K2305	23.5	E.V. BLOCCAGGIO MANIPOLATORE	2305	bk/or	_ MORS. COMANDI ROBOT	23.5		XB2.2305
K2306	23.6	E.V. SBLOCCAGGIO MANIPOLATORE	2306	yel/re	_ MORS. COMANDI ROBOT	23.6		XB2.2306
				bk/bn				
				wi/re				
				re/bk				
				bn/wi				
				re/or				
				azure				
				yel/wi				
				yellow				
				reign				
				or/wi				
				green				
				yel/bk				
				white				
				bu/wi				
				brown				
				gn/wi				

WB2-3	Codice: NPI05VWF 25x0.35	Descrizione: COMANDI ELETTROVALVOLE ATTUATORI/ROBOT
zza (m.): 1	Note:	A:

Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT E&P-Gate-M		
Data : 08/04/2010 Rev.	All contents within this document are copyrighted by and belong to MAN S.p.A. All rights are reserved under the regulations in force. No part of this document may be reproduced, published, disclosed or distributed, either partially or entirely, without the prior written consent of MAN S.p.A.	Pag. FILI-WB2- Pagina FILI-WB2- FILI-WB2-

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

1

2

3

4

5

6

7

8

5

6

7

8

Cavo: WB3-1A**Codice: PUR 3x0.34****Descrizione: CAMBIO - PINZA 'A' BLOCCATA (A)**

Da:

A:

Lunghezza (m): 0.3**Note:**

28		S1801	18.3	SENSORE PINZA A BLOCCATA	+24V_6	BN	CONN. SEGNALI BRACCIO 1
28		S1801	18.3	SENSORE PINZA A BLOCCATA	0V	BU	CONN. SEGNALI BRACCIO 1
28		S1801	18.3	SENSORE PINZA A BLOCCATA	1801	BK	CONN. SEGNALI BRACCIO 1

F

E

D

C

B

A

F

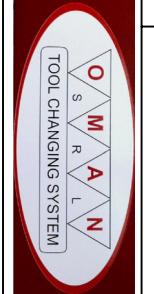
E

D

C

B

A



Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT	Rev. M	
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.
		Pag. FILI-WB3-1A
		Pagina successiva FILI-WB3-2

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

1

2

3

4

5

6

7

8

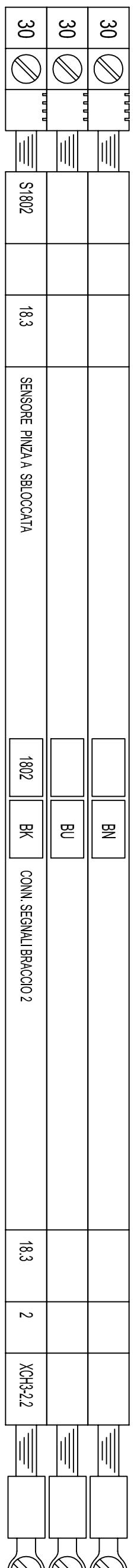
Cavo: WB3-2A**Codice: PUR 3x0.34****Descrizione: CAMBIO - PINZA 'A' SBLOCCATA (A)**

Da:

A:

Lunghezza (m): 0.3

Note:



1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Cavo: WB3-4**Codice: PUR 3x0.34****Descrizione: CAMBIO - PINZA 'B' SBLOCCATA**

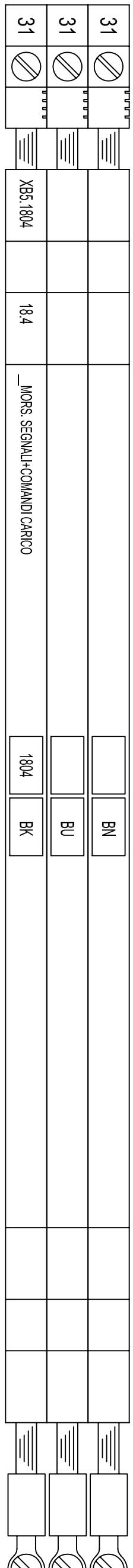
Da:

A:

Lunghezza (m):

1

Note:



C

B

A

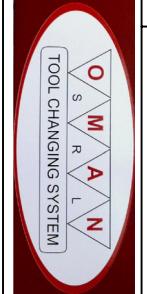
D

E

F

E

F



Matricola : TTX011 Preparato :
 Progetto : Verificato :
 Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. FILI-WB3-4
 Pagina successiva
 FILI-WB3-5

F
E
D
C
B
A

1

2

3

4

5

6

7

8

5

6

7

8

Cavo: WB3-5 **Codice: PUR 3x0.34** **Descrizione: CAMBIO - PINZA 'A' OCCUPATA**

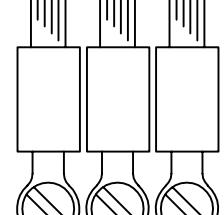
Da:

A:

Lunghezza (m): **1**

Note:

32		XB3+24V_6	18.5	_MORS. SEGNALI CAMBIO	+24V_6	BN	CONN. SEGNALI BRACCIO 5
32		XB3.0V	18.5	_MORS. SEGNALI CAMBIO	0V	BU	CONN. SEGNALI BRACCIO 5
32		XB3.1805	18.5	_MORS. SEGNALI CAMBIO	1805	BK	CONN. SEGNALI BRACCIO 5



C

C

B

B

D

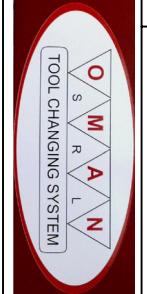
D

E

E

F

F



Matricola : TTX011 Preparato : Funzione : **DISTINTA CAVO**

Progetto : Verificato :

Macchina : TOO-TOWER 1600-150-CAT 6P/6C-M

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIA SRL.

Pag. FILI-WB3-5

Pagina successiva
FILI-WB3-7

1

2

3

4

5

6

7

8

5

6

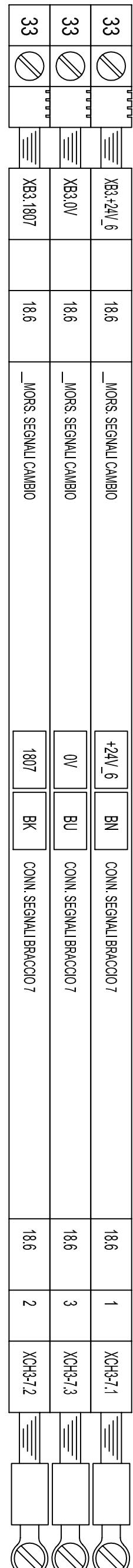
7

8

Cavo: WB3-7	Codice: PUR 3x0.34	Descrizione: CAMBIO - PINZA 'A' LIBERA
Da:	A:	

Lunghezza (m): 1

Note:



A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN



Matricola : TTX011 Preparato : Funzione : DISTINTA CAVO
 Progetto : Verificato :
 Macchina : TOO-TOWER 1600-150-CAT 6P/6C-M
 Data : 08/04/2010 Rev. : ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. FILI-WB3-7

Pagina successiva
FILI-WB4-1

1

2

3

4

5

6

7

8

5

6

7

8

Cavo: WB4-1

Codice: NPI07WVF 2x1.0

Descrizione: ASSE BRACCIO - LIMITE +

Da:

A:

Lunghezza (m): **2**

Note:

34			S2801	11	28.2	EXTRACORSA ASSE +	+24V_2	BN	_MORS. COMANDI CAMBIO
34			S2801	12	28.2	EXTRACORSA ASSE +	2801	BU	_MORS. COMANDI CAMBIO

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

1

2

3

4

5

6

7

8

5

6

7

8

Cavo: WB4-2

Codice: NPI07WVF 2x1.0

Descrizione: ASSE BRACCIO - LIMITE -

Da:

A:

Lunghezza (m): **2**

Note:

35			S2802	11	28.2	EXTRACORSA ASSE -		+24V_2		BN	_ MORS. COMANDI CAMBIO
35			S2802	12	28.2	EXTRACORSA ASSE -		2802		BU	_ MORS. COMANDI CAMBIO

XB4.2802

1

2

3

4

5

6

7

8

B

C

D

E

F

A

Cavo: WB4-3

Codice: NPI07WF 2x1.0

Descrizione: ASSE TILT - LIMITE +

Da:

A:

Lunghezza (m): 2

Note:

36			S2901	11	29.2	EXTRACORSA ASSE +		+24V_2		BN	_MORS. COMANDI CAMBIO
36			S2901	12	29.2	EXTRACORSA ASSE +				BU	_MORS. COMANDI CAMBIO



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	DISTINTA CAVO
Macchina : TOO-TOWER 1600-150-CAT 6000-M		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMAS SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMAS SRL.

Pag. FILI-WB4-3

Pagina successiva
FILI-WB4-4

1

2

3

4

5

6

7

8

A

Cavo: WB4-4	Codice: NPI07WF 2x1.0	Descrizione: ASSE TILT - LIMITE -
Da:		A:

Lunghezza (m): 2	Note:
--------------------------------	--------------

37			S2902	11	29.2	EXTRACORSA ASSE -	+24V_2	BN	_MORS. COMANDI CAMBIO
37			S2902	12	29.2	EXTRACORSA ASSE -	2902	BU	_MORS. COMANDI CAMBIO

B

C

D

E

F

G

H

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

1

2

3

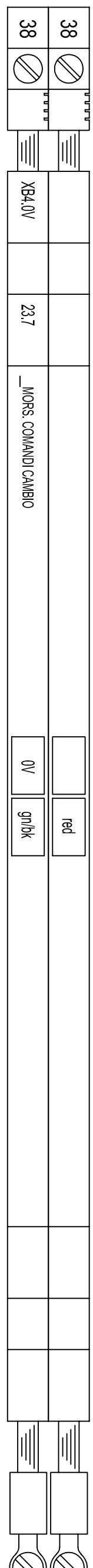
4

5

6

7

8



Cavo: **WB4.5** Codice: **NPI05WVF 25x0.35** Descrizione: **CAMBIO - COMANDI ELETROVALVOLE PNEUMATICHE**

Da:

Lunghezza (m): **1** Note:

A:

A

B

B

C

C

D

D

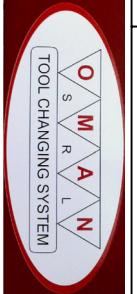
E

E

F

F

Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO	Pag. FILI-WB4-5-001
Progetto : Macchina : TOO-TOWER 1600-150-CAT 6000-M	Verificato :		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIA SRL.	Pagina successiva FILI-WB5-1





Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	
Macchina : TOO-TOWER 1600-150-CAT6A/600-M		DISTINTA CAVO
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMNIVISION SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIVISION SRL.

Pag. FILI-WB4-5

1

2

3

4

5

6

7

8

A

Cavo: **WB5-1**Codice: **NP105WF 12x1.0**Descrizione: **CARICO MANUALE - SERRATURA**

Da:

A:

Lunghezza (m): **2**

Note:

39				K2404	32	12.7	ELETTROSERR. PORTA CARICO	1201	1	_MORS. SEGNALI+COMANDI CARICO	12.7	XB5.1201			
39				K2404	31	12.7	ELETTROSERR. PORTA CARICO	1202	2	_MORS. SEGNALI+COMANDI CARICO	12.7	XB5.1202			
39				K2404	22	12.6	SICUREZZE SU PORTA CARICO MANUALE	1205	3	_MORS. SEGNALI+COMANDI CARICO	12.6	XB5.1205			
39				K2404	21	12.6	SICUREZZE SU PORTA CARICO MANUALE	1210	4	_MORS. SEGNALI+COMANDI CARICO	12.6	XB5.1210			
39				K2404	13	16.4	ELETTROSERR. PORTA CARICO	+24V_5	5	_MORS. SEGNALI+COMANDI CARICO	16.4	XB5.24V_5			
39				K2404	14	16.4	ELETTROSERR. PORTA CARICO	1603	6	_MORS. SEGNALI+COMANDI CARICO	16.4	XB5.1603			
39				K2404	E2	24.4	ELETTROSERR. PORTA CARICO	0V	7	_MORS. SEGNALI+COMANDI CARICO	24.4	XB5.0V			
39				K2404	E1	24.4	ELETTROSERR. PORTA CARICO	2403	8	_MORS. SEGNALI+COMANDI CARICO	24.4	XB5.2403			
39									9						
39									10						
39									11						
39									Glove						

A

B

C

D

E

F



Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO	Pag. FILI-WB5-1
Progetto :	Verificato :		
Macchina : TOO-TOWER 1600-150-CAT6000-M			Pagina successiva
Data : 08/04/2010	Rev.		FILI-WB5-3

1

2

3

4

5

6

7

8

Cavo: WB5.3 | **Codice: H05VF 3x0.5** | **Descrizione: CARICO MANUALE - PORTA BLOCCATA**

Da:

A:

Lunghezza (m): **2**

Note:

40		XB5+24V_5	16.3	_MORS. SEGNALI+COMANDI CARICO	+24V_5	1	CONN. SEGNALE PORTA BLOCCATA
40		XB5.1602	16.4	_MORS. SEGNALI+COMANDI CARICO	1602	2	CONN. SEGNALE PORTA BLOCCATA
40		XB5.0V	16.4	_MORS. SEGNALI+COMANDI CARICO	0V	3	CONN. SEGNALE PORTA BLOCCATA

A

B

C

D

E

F

PAG. FILI-WB5-3

Pagina successiva

FILI-WB5-3A

DISTINTA CAVO

A:

B:

C:

D:

E:

F:

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

A

B

C

D

E

F

1

2

3

4

5

6

7

8

Cavo: **WB5-3A**

Codice: **H05VF 3x0.5**

Descrizione: **CARICO MANUALE - PORTA BLOCCATA (A)**

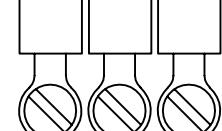
Da:

A:

Lunghezza (m): **2**

Note:

41		S1602	16.4	SENSORE PORTA CARICO BLOCCATA	+24V_5	1	CONN. SEGNALE PORTA BLOCCATA
41		S1602	16.4	SENSORE PORTA CARICO BLOCCATA	1602	2	CONN. SEGNALE PORTA BLOCCATA
41		S1602	16.4	SENSORE PORTA CARICO BLOCCATA	0V	3	CONN. SEGNALE PORTA BLOCCATA



B

C

D

E

F

F

E

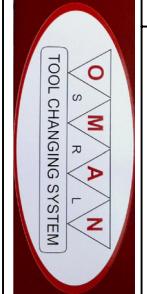
D

E

D

C

B



Matricola : TTX011

Preparato :

Funzione : **DISTINTA CAVO**

Progetto :

Verificato :

Conn. :

Macchina : TOO-TOWER 1600-150-CAT6P/M

Conn. :

Conn. :

Data : 08/04/2010

Rev. :

Conn. :

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. FILI-WB5-3A

Pagina successiva
FILI-WB5-4

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

1

2

3

4

5

6

7

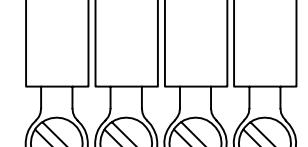
8

Cavo: WB5-5 **Codice: PUR 4x0.34** **Descrizione: MICROINTERRUTTORE 1 PORTA MANUTENZIONE CHIUSA**

Da: _____
A: _____

Lunghezza (m): **2** **Note:** _____

44		XB5+24V_5	18.4	_MORS. SEGNALI+COMANDI CARICO	+24V_5	BN	CONN. SEGNALE MICROCONTATTO 1 PORTA MANUTENZIONE CHIUSA	18.4	1	XCH5-3.1	
44											
44		XB5-1803	18.4	_MORS. SEGNALI+COMANDI CARICO	1803	BK	CONN. SEGNALE MICROCONTATTO 1 PORTA MANUTENZIONE CHIUSA	18.4	4	XCH5-3.4	
44											



A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

D

E

F

A

B

C

1

2

3

4

5

6

7

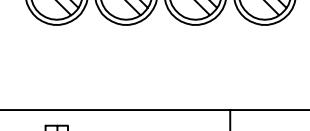
8

Cavo: WB5-6 **Codice: PUR 4x0.34** **Descrizione: MICROINTERRUTTORE 2 PORTA MANUTENZIONE CHIUSA**

Da: _____
A: _____

Lunghezza (m): **2** **Note:** _____

45		XB5+24V_5	18.4	_MORS. SEGNALI+COMANDI CARICO	+24V_5	BN	CONN. SEGNALE MICROCONTATTO 2 PORTA MANUTENZIONE CHIUSA	18.4	1	XCH54.1	
45											
45		XB5.1804	18.4	_MORS. SEGNALI+COMANDI CARICO	1804	BK	CONN. SEGNALE MICROCONTATTO 2 PORTA MANUTENZIONE CHIUSA	18.4	4	XCH54.4	
45											



Pag. **FILU-WB5-6**

Pagina successiva
FILU-WB5-7

Matricola : TTX011 **Preparato :** _____ **Funzione :** **DISTINTA CAVO**

Progetto : _____ **Verificato :** _____

Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M

Data : 08/04/2010 **Rev.** _____

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMNISRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNISRL.

D

C

B

E

F

A

D

C

E

F

A

D

C</p

1

2

3

4

5

6

7

8

F

E

D

C

B

A

Cavo: WB5-7

Codice: PUR 3x0.34

Descrizione: PORTA CARICO MANUALE RUOTATA

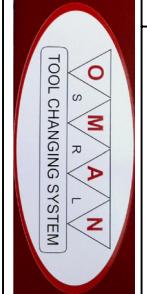
Da:

A:

Lunghezza (m): **1**

Note:

46		XB5+24V_5	18.5	_MORS. SEGNALI+COMANDI CARICO	+24V_5	BN	CONN. SEGNALE PROSSIMITÀ GIRELLO RUOTATO	18.5	1	XCH5-5.1	
46		XB5.0V	18.6	_MORS. SEGNALI+COMANDI CARICO	0V	BU	CONN. SEGNALE PROSSIMITÀ GIRELLO RUOTATO	18.6	3	XCH5-5.3	
46		XB5.1806	18.6	_MORS. SEGNALI+COMANDI CARICO	1806	BK	CONN. SEGNALE PROSSIMITÀ GIRELLO RUOTATO	18.6	4	XCH5-5.4	



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT 6000-M

Data : 08/04/2010 Rev.
ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Preparato :
Verificato :
Autore : M

DISTINTA CAVO

Pag. FILI-WB5-7

Pagina successiva
FILI-WB6-1

1

2

3

4

5

6

7

8

F

E

D

C

B

A

Cavo: WB6-1

Codice: NPI07WF 2x1.0

Descrizione: ASSE ROTANTE - LIMITE +

Da:

A:

Lunghezza (m): **2**

Note:

47			S2704	11	27,8	EXTRACORSA ASSE +	+24V_2		BN	_ MORS. SEGNALI ASSE ROTANTE
47			S2704	12	27,8	EXTRACORSA ASSE +	2705		BU	_ MORS. SEGNALI ASSE ROTANTE



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	DISTINTA CAVO
Macchina : TOO-TOWER 1600-150-CAT 6P/6W-M		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Pag. FILI-WB6-1

Pagina successiva
FILI-WB6-2

F

E

D

C

B

A

1

2

3

4

5

6

7

8

F

E

D

C

B

A

Cavo: WB6-2

Codice: NPI07WF 2x1.0

Descrizione: ASSE ROTANTE - LIMITE -

Da:

A:

Lunghezza (m): **2**

Note:

48			S2703	11	27,8	EXTRACORSA ASSE -		+24V_2		BN	_MORS. SEGNALI ASSE ROTANTE
48			S2703	12	27,8	EXTRACORSA ASSE -		2704		BU	_MORS. SEGNALI ASSE ROTANTE



Maticola : TTX011

Preparato :

Funzione :

DISTINTA CAVO

Progetto :

Verificato :

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

27,7

XB6.2704

BU

_MORS. SEGNALI ASSE ROTANTE

S2703

11

27,8

EXTRACORSA ASSE -

27,8

XB6.124V_2

BN

_MORS. SEGNALI ASSE ROTANTE

S2703

12

27,8

EXTRACORSA ASSE -

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

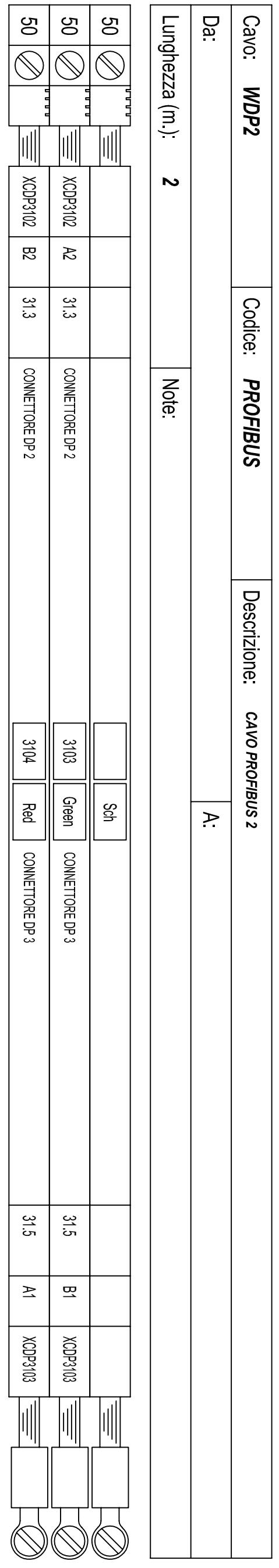
228

229

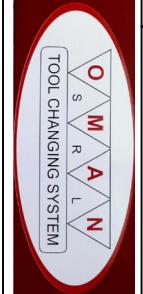
230

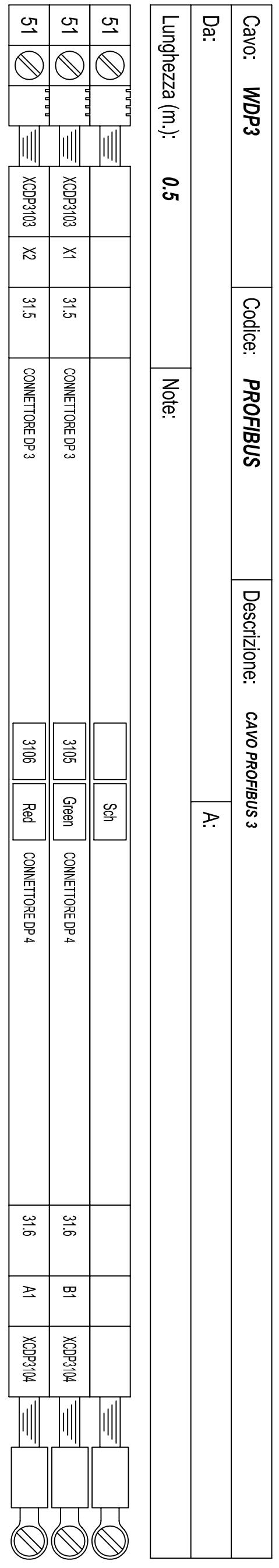
231

232

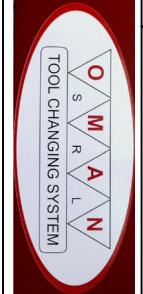


1
2
3
4
5
6
7





1
2
3
4
5
6
7



WDP3		Codice: PROFIBUS	Descrizione: CAVO PROFIBUS 3																															
Matricola : TTX011	Preparato :			A:																														
Progetto :	Verificato :																																	
Macchina : TOO-TOWER 1600-150-CAT6P/600-M	Data : 08/04/2010 Rev. :	All contents within this document are copyrighted by and belong to OWN SRL. All rights are reserved under the regulations in force. No part of this document may be reproduced, published, disclosed or distributed, either partially or entirely, without the prior written consent of OWN SRL.																																
<table border="1"> <thead> <tr> <th colspan="2">Funzione : DISTINTA CAVO</th> </tr> </thead> <tbody> <tr> <td>XCDP3103</td> <td>X1</td> <td>31.5</td> <td>CONNETTORE DP 3</td> <td>3105</td> <td>Green</td> <td>CONNETTORE DP 4</td> </tr> <tr> <td>XCDP3103</td> <td>X2</td> <td>31.5</td> <td>CONNETTORE DP 3</td> <td>3106</td> <td>Red</td> <td>CONNETTORE DP 4</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>31.6</td> <td>B1</td> <td>XCDP3104</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Funzione : DISTINTA CAVO		XCDP3103	X1	31.5	CONNETTORE DP 3	3105	Green	CONNETTORE DP 4	XCDP3103	X2	31.5	CONNETTORE DP 3	3106	Red	CONNETTORE DP 4					31.6	B1	XCDP3104							
Funzione : DISTINTA CAVO																																		
XCDP3103	X1	31.5	CONNETTORE DP 3	3105	Green	CONNETTORE DP 4																												
XCDP3103	X2	31.5	CONNETTORE DP 3	3106	Red	CONNETTORE DP 4																												
				31.6	B1	XCDP3104																												
<table border="1"> <thead> <tr> <th colspan="2">Pag. FILI-WDP3</th> </tr> </thead> <tbody> <tr> <td></td> <td>Pagina successiva FILI-WDP4</td> </tr> </tbody> </table>					Pag. FILI-WDP3			Pagina successiva FILI-WDP4																										
Pag. FILI-WDP3																																		
	Pagina successiva FILI-WDP4																																	

1

2

3

4

5

6

7

8

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: **WLQ1** Codice: **NPI07WVF 3x2.5** Descrizione: **LUCE QUADRO**

Da:

A:
Lunghezza (m): **1** Note:

53				H0201	24	LUCE QUADRO	0201	BN	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	0205	BU	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	PE14	BK	MORS. ILLUMINAZIONE TORRE

A

B

C

D

E

F

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Da:

A:
Lunghezza (m): **1** Note:

53				H0201	24	LUCE QUADRO	0201	BN	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	0205	BU	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	PE14	BK	MORS. ILLUMINAZIONE TORRE

A

B

C

D

E

F

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: **WLQ1** Codice: **NPI07WVF 3x2.5** Descrizione: **LUCE QUADRO**

Da:

A:
Lunghezza (m): **1** Note:

53				H0201	24	LUCE QUADRO	0201	BN	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	0205	BU	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	PE14	BK	MORS. ILLUMINAZIONE TORRE

A

B

C

D

E

F

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: **WLQ1** Codice: **NPI07WVF 3x2.5** Descrizione: **LUCE QUADRO**

Da:

A:
Lunghezza (m): **1** Note:

53				H0201	24	LUCE QUADRO	0201	BN	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	0205	BU	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	PE14	BK	MORS. ILLUMINAZIONE TORRE

A

B

C

D

E

F

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: **WLQ1** Codice: **NPI07WVF 3x2.5** Descrizione: **LUCE QUADRO**

Da:

A:
Lunghezza (m): **1** Note:

53				H0201	24	LUCE QUADRO	0201	BN	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	0205	BU	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	PE14	BK	MORS. ILLUMINAZIONE TORRE

A

B

C

D

E

F

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: **WLQ1** Codice: **NPI07WVF 3x2.5** Descrizione: **LUCE QUADRO**

Da:

A:
Lunghezza (m): **1** Note:

53				H0201	24	LUCE QUADRO	0201	BN	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	0205	BU	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	PE14	BK	MORS. ILLUMINAZIONE TORRE

A

B

C

D

E

F

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: **WLQ1** Codice: **NPI07WVF 3x2.5** Descrizione: **LUCE QUADRO**

Da:

A:
Lunghezza (m): **1** Note:

53				H0201	24	LUCE QUADRO	0201	BN	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	0205	BU	MORS. ILLUMINAZIONE TORRE
53				H0201	24	LUCE QUADRO	PE14	BK	MORS. ILLUMINAZIONE TORRE

A

B

C

D

E

F

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: **WLQ1** Codice: **NPI07WVF 3x2.5** Descrizione: **LUCE QUADRO**

Da:

A:
Lunghezza (m): **1** Note:

53		</td



1

1

1

1

1

Cavo:	WW1B	Codice:	N1W-K7x1.5	Descrizione:	PROLUNGA MOTORE ASSE VERTICALE
Da:				A:	
Lunghezza (m.):	0		Note:		

1

4

56		XCMB.1	1	7.2	CONN. FLANGIA M1	0701	1	CONN. MOTORE M1	7.2	1	XCMC.1	
56		XCMB.2	2	7.2	CONN. FLANGIA M1	0702	2	CONN. MOTORE M1	7.2	2	XCMC.2	
56		XCMC.3	3	7.2	CONN. FLANGIA M1	0703	3	CONN. MOTORE M1	7.2	3	XCMC.3	
56		XCMC.4	4	7.2	CONN. FLANGIA M1	0704	4	CONN. MOTORE M1	7.2	4	XCMC.4	
56		XCMC.5	5	7.3	CONN. FLANGIA M1	2501	5	CONN. MOTORE M1	7.3	5	XCMC.5	
56		XCMC.6	6	7.3	CONN. FLANGIA M1	0V	6	CONN. MOTORE M1	7.3	6	XCMC.6	
56		XCMC.7									XCMC.7	

A horizontal row of seven identical circular icons. Each icon contains a single diagonal line that slopes downwards from the top-left corner to the bottom-right corner.

□

ω

8

1

1

下

Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	

DISTINTA CAVO

Pag. FIL-WM1E

M-B

Data : 08/04/2010 Rev. ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED.

RE RESERVED UNDER THE REGULATIONS IN FORCE NO PART OF THIS DOCUMENT

100

J
FILI-WM2A

1

2

3

4

5

6

7

8

Cavo: WM2A	Codice: N1W-K7x1.5	Descrizione: CAVO MOTORE ASSE ROTANTE
Da:		A:

Lunghezza (m): **0**

Note:

57		XCM2A.1	1	8.2	CONN. DRIVE M2	0801	1	CONN. FLANGIA M2	8.2	1	XCM2B.1	
57		XCM2A.2	2	8.2	CONN. DRIVE M2	0802	2	CONN. FLANGIA M2	8.2	2	XCM2B.2	
57		XCM2A.3	3	8.2	CONN. DRIVE M2	0803	3	CONN. FLANGIA M2	8.2	3	XCM2B.3	
57		U10701	8.1		MODULO DIASSE ASSI 1-2	0804	4	CONN. FLANGIA M2	8.2	4	XCM2B.4	
57		U10702	5				5					
57		U10703	6				6					
57		U10704	7				7					

C

C

D

D

E

E

F

F

G

G

H

H

I

I



Maticola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT6000-M

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMAS SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMAS SRL.

Maticola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT6000-M

Data : 08/04/2010 Rev.

Maticola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT6000-M

Pag. FILI-WM2A
Pagina successiva
FILI-WM2B

1

2

3

4

5

6

7

8

Cavo: WM2B	Codice: N1W-K7x1.5	Descrizione: PROLUNGA MOTORE ASSE ROTANTE
Da:		A:

Lunghezza (m): **0****Note:**

58			XCM2B.1	1	8.2	CONN. FLANGIA M2	0801	1	CONN. MOTORE M2	8.2	1	XCM2C.1		
58			XCM2B.2	2	8.2	CONN. FLANGIA M2	0802	2	CONN. MOTORE M2	8.2	2	XCM2C.2		
58			XCM2B.3	3	8.2	CONN. FLANGIA M2	0803	3	CONN. MOTORE M2	8.2	3	XCM2C.3		
58			XCM2B.4	4	8.2	CONN. FLANGIA M2	0804	4	CONN. MOTORE M2	8.2	4	XCM2C.4		
58														
58														
58														
58														



C

D

E

F

C

D

E

F



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	DISTINTA CAVO
Macchina : TOO-TOWER 1600-150-CAT6000-M		
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMMS SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMMS SRL.

Pag. FILU-WM2B
Pagina successiva
FILA-WM3A

1

2

3

4

5

6

7

8

Cavo: **WM3A** Codice: **N1W-K7x1.5** Descrizione: CAVO MOTORE ASSE BRACCIO

Da:

Lunghezza (m): **0**

Note:

A:

A

B:

B

C:

C

D:

D

E:

E

F:

F

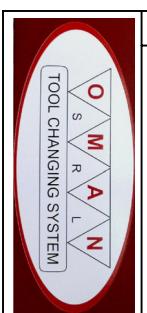
59			XCM3A.1	1	9.2	CONN. DRIVE M3	0901	1	CONN. FLANGIA M3	9.2	1	XCM3B.1		
59			XCM3A.2	2	9.2	CONN. DRIVE M3	0902	2	CONN. FLANGIA M3	9.2	2	XCM3B.2		
59			XCM3A.3	3	9.2	CONN. DRIVE M3	0903	3	CONN. FLANGIA M3	9.2	3	XCM3B.3		
59			UJ0901		9.1	MODULO DIASSE ASSI 3-4	0904	4	CONN. FLANGIA M3	9.2	4	XCM3B.4		
59			XCF3.1	1	9.3	CONN. BRAKE M3	2504	5	CONN. FLANGIA M3	9.3	5	XCM3B.5		
59			XCF3.2	2	9.3	CONN. BRAKE M3	0V	6	CONN. FLANGIA M3	9.3	6	XCM3B.6		
59														

C

D

E

F



Maticola : TTX011

Preparato :

Funzione : DISTINTA CAVO

Pag. FILU-WM3A

Pagina successiva

Progetto :

Verificato :

Macchina : TOO-TOWER 1600-150-CAT6000-M

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

1

2

3

4

5

6

7

8

Cavo: **WM3B**

Codice: **N1W-K7x1.5**

Descrizione: **PROLUNGA MOTORE ASSE BRACCIO**

Da:

A

Lunghezza (m): **0**

Note:

A

60

XCM3B.1

1

9.2

CONN. FLANGIA M3

0901

1

CONN. MOTORE M3

9.2

2

XCM3C.2

1

2

3

4

5

6

7

8

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Cavo: **WM4A**Codice: **N1W-K7x1.5**

Descrizione: CAVO MOTORE ASSE POLSO

Da:

A:

Lunghezza (m): **0**

Note:

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

1

2

3

4

5

6

7

8

Cavo: WM4B**Codice: N1W-K7x1.5****Descrizione: PROLUNGA MOTORE ASSE POLSO****Da:****A:****Lunghezza (m): 0****Note:**

62			XCM4B.1	1	10.2	CONN. FLANGIA M4	1001	1	CONN. MOTORE M4	102	1	XCM4C.1			
62			XCM4B.2	2	10.2	CONN. FLANGIA M4	1002	2	CONN. MOTORE M4	102	2	XCM4C.2			
62			XCM4B.3	3	10.2	CONN. FLANGIA M4	1003	3	CONN. MOTORE M4	102	3	XCM4C.3			
62			XCM4B.4	4	10.2	CONN. FLANGIA M4	1004	4	CONN. MOTORE M4	102	4	XCM4C.4			
62			XCM4B.5	5	10.3	CONN. FLANGIA M4	2502	5	CONN. MOTORE M4	103	5	XCM4C.5			
62			XCM4B.6	6	10.3	CONN. FLANGIA M4	0V	6	CONN. MOTORE M4	103	6	XCM4C.6			
62															

C**D****E****F****G****H****I****J****K****L****M****N****O****P****Q****R****S****T****U****V****W****X****Y****Z****A.****B.****C.****D.****E.****F.****G.****H.****I.****J.****K.****L.****M.****N.****O.****P.****Q.****R.****S.****T.****U.****V.****W.****X.****Y.****Z.****A.****B.****C.****D.****E.****F.****G.****H.****I.****J.****K.****L.****M.****N.****O.****P.****Q.****R.****S.****T.****U.****V.****W.****X.****Y.****Z.****A.****B.****C.****D.****E.****F.****G.****H.****I.****J.****K.****L.****M.****N.****O.****P.****Q.****R.****S.****T.****U.****V.****W.****X.****Y.****Z.****A.****B.****C.****D.****E.****F.****G.****H.****I.****J.****K.****L.****M.****N.****O.****P.****Q.****R.****S.****T.****U.****V.****W.****X.****Y.****Z.****A.****B.****C.****D.****E.****F.****G.****H.****I.****J.****K.****L.****M.****N.****O.****P.****Q.****R.****S.****T.****U.****V.****W.****X.****Y.****Z.****A.****B.****C.****D.****E.****F.****G.****H.****I.****J.****K.****L.****M.****N.****O.****P.****Q.****R.****S.****T.****U.****V.****W.****X.****Y.****Z.****A.****B.****C.****D.****E.**

1

2

3

4

5

6

7

8

A

Cavo: **WM5A**
Codice: **N1W-K7x1.5**

Descrizione: CAVO MOTORE ASSE TILT
Da:

Lunghezza (m): **0**

Note:

A:

A

1101 1 CONN. FLANGIA M5

11.2

1

XCM5B.1

1102 2 CONN. FLANGIA M5

11.2

2

XCM5B.2

1103 3 CONN. FLANGIA M5

11.2

3

XCM5B.3

1104 4 CONN. FLANGIA M5

11.2

4

XCM5B.4

1105 5 CONN. FLANGIA M5

11.2

5

XCM5B.5

1106 6 CONN. FLANGIA M5

11.2

6

XCM5B.6

1107 7 CONN. FLANGIA M5

11.2

7

CONN. DRIVE M5

11.2

1

XCM5A.1

CONN. DRIVE M5

11.2

2

XCM5A.2

CONN. DRIVE M5

11.2

3

XCM5A.3

CONN. DRIVE M5

11.2

4

XCM5B.4

CONN. BRAKE M5

11.2

5

XCM5B.5

CONN. BRAKE M5

11.2

6

XCM5B.6

CONN. BRAKE M5

11.2

7

XCM5B.7

CONN. BRAKE M5

11.2

8

XCM5B.8

CONN. BRAKE M5

11.2

9

XCM5B.9

CONN. BRAKE M5

11.2

10

XCM5B.10

CONN. BRAKE M5

11.2

11

XCM5B.11

CONN. BRAKE M5

11.2

12

XCM5B.12

CONN. BRAKE M5

11.2

13

XCM5B.13

CONN. BRAKE M5

11.2

14

XCM5B.14

CONN. BRAKE M5

11.2

15

XCM5B.15

CONN. BRAKE M5

11.2

16

XCM5B.16

CONN. BRAKE M5

11.2

17

XCM5B.17

CONN. BRAKE M5

11.2

18

XCM5B.18



TOOL CHANGING SYSTEM

TM

1

2

3

4

5

6

7

8

A

Cavo: **WM5B**Codice: **N1W-K7x1.5**Descrizione: **PROLUNGA MOTORE ASSE TILT**

Da:

A:

Lunghezza (m): **0**

Note:

A

64			XCM5B.1	1	11,2	CONN. FLANGIA M5	1101	1	11,2	1	XCM5C.1			
64			XCM5B.2	2	11,2	CONN. FLANGIA M5	1102	2	11,2	2	XCM5C.2			
64			XCM5B.3	3	11,2	CONN. FLANGIA M5	1103	3	11,2	3	XCM5C.3			
64			XCM5B.4	4	11,2	CONN. FLANGIA M5	1104	4	11,2	4	XCM5C.4			
64			XCM5B.5	5	11,3	CONN. FLANGIA M5	2503	5	11,3	5	XCM5C.5			
64			XCM5B.6	6	11,3	CONN. FLANGIA M5	0V	6	11,3	6	XCM5C.6			
64														

B

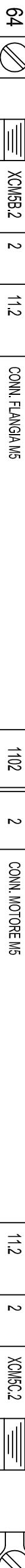
C

D

E

F

Matricola	: TTX011	Preparato :		Funzione :	DISTINTA CAVO
Progetto :		Verificato :		Pag.	FILL-WM5B
Macchina :	TOO-TOWER 1600-150-CAT	Rev.:			Pagina successiva
Data :	08/04/2010				FILL-WSO



A

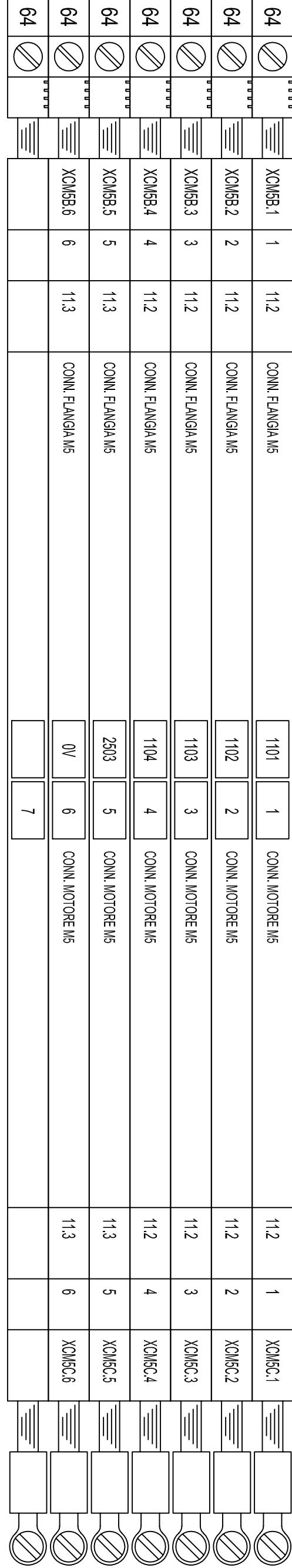
B

C

D

E

F



A

B

C

D

E

F

C

D

E

F



ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

1

2

3

4

5

6

7

8

A

Cavo: WS0	Codice: PUR 4X2x0.34	Descrizione: SEGNALI ENCODER BHG
Da:	Lunghezza (m): 2	Note: A:

A

65		X9.0501	5.5	MORS. INTERFACCIA BHG 2	0501	BN	SCHEDA BHG	5.2	B-Mpl	
65		X9.0502	5.5	MORS. INTERFACCIA BHG 2	0502	WH	SCHEDA BHG	5.2	B-Mpl	
65						YE				
65						GN				
65		X9.0503	5.5	MORS. INTERFACCIA BHG 2	0503	PK	SCHEDA BHG	5.2	B-Mpl	
65		X9.0504	5.5	MORS. INTERFACCIA BHG 2	0504	GY	SCHEDA BHG	5.2	B-Mpl	
65						RD				
65						BU				

C

D

E

F

E

D

C



Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO	Pag. FILI-WS0
Progetto :	Verificato :		
Macchina : TOO-TOWER 1600-150-CAT6P/Nylon-M			
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.	Pagina successiva FILI-WS1

1

2

3

4

5

6

7

8

A

Cavo: WS1	Codice: PUR 4X2x0.34	Descrizione: SEGNALI ENCODER BHG
Da:		A:

Lunghezza (m): **2**

Note:

A

66		X9.0501	5.6	MORS. INTERFACCIA BHG 2	0501	BN	CONN. 6/1U BIASSE 2 X461-3	29.4	1	XC461-3.1	
66		X9.0502	5.6	MORS. INTERFACCIA BHG 2	0502	WH	CONN. 6/1U BIASSE 2 X461-3	29.4	2	XC461-3.2	
66		X9.0501	5.6	MORS. INTERFACCIA BHG 2	0501	YE	CONN. 6/1U BIASSE 2 X462-2	28.5	1	XC462-2.1	
66		X9.0502	5.6	MORS. INTERFACCIA BHG 2	0502	GN	CONN. 6/1U BIASSE 2 X462-2	28.5	2	XC462-2.2	
66		X9.0503	5.6	MORS. INTERFACCIA BHG 2	0503	PK	CONN. 6/1U BIASSE 2 X461-3	29.4	3	XC461-3.3	
66		X9.0504	5.6	MORS. INTERFACCIA BHG 2	0504	GY	CONN. 6/1U BIASSE 2 X461-3	29.4	4	XC461-3.4	
66		X9.0503	5.6	MORS. INTERFACCIA BHG 2	0503	RD	CONN. 6/1U BIASSE 2 X462-2	28.5	3	XC462-2.3	
66		X9.0504	5.6	MORS. INTERFACCIA BHG 2	0504	BU	CONN. 6/1U BIASSE 2 X462-2	28.5	4	XC462-2.4	

C

D

E

F

F

E

D

C



Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO	Pag. FILI-WS1
Progetto :	Verificato :		
Macchina : TOO-TOWER 1600-150-CAT6PONDA-M			Pagina successiva
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.	FILI-WS2

1

2

3

4

5

6

7

8

A

Cavo: WS2

Codice: PUR 4X2x0.34

Descrizione: SEGNALI ENCODER BHG

Da:

A:

Lunghezza (m): 2

Note:

67		X9.0501	5.6	MORS. INTERFACCIA BHG 2	0501	BN	CONN. 6/1U BIASSE 2 X461-2	284	1	XC461-2.1			
67		X9.0502	5.6	MORS. INTERFACCIA BHG 2	0502	WH	CONN. 6/1U BIASSE 2 X461-2	284	2	XC461-2.2			
67		X9.0501	5.6	MORS. INTERFACCIA BHG 2	0501	YE	CONN. 6/1U BIASSE 1 X462-1	27.5	1	XC462.1.1			
67		X9.0502	5.6	MORS. INTERFACCIA BHG 2	0502	GN	CONN. 6/1U BIASSE 1 X462-1	27.5	2	XC462.1.2			
67		X9.0503	5.6	MORS. INTERFACCIA BHG 2	0503	PK	CONN. 6/1U BIASSE 2 X461-2	28.4	3	XC461-2.3			
67		X9.0504	5.6	MORS. INTERFACCIA BHG 2	0504	GY	CONN. 6/1U BIASSE 2 X461-2	28.4	4	XC461-2.4			
67		X9.0503	5.6	MORS. INTERFACCIA BHG 2	0503	RD	CONN. 6/1U BIASSE 1 X462-1	27.5	3	XC462.1.3			
67		X9.0504	5.6	MORS. INTERFACCIA BHG 2	0504	BU	CONN. 6/1U BIASSE 1 X462-1	27.5	4	XC462.1.4			

C

D

E

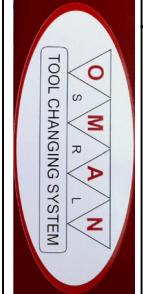
E

F

E

D

C



Matricola : TTX011
 Progetto :
 Macchina : TOO-TOWER 1600-150-CAT6000-M
 Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Preparato :
 Verificato :
 Macchina :

Funzione :
 DISTINTA CAVO

Pag. FILI-WS2

Pagina successiva
 FILI-WS3

1

2

3

4

5

6

7

8

A

Cavo: WS3	Codice: PUR 4X2x0.34	Descrizione: SEGNALI ENCODER BHG
Da:		A:

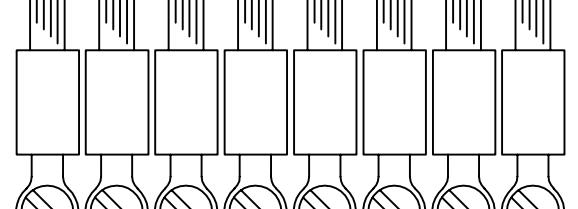
Lunghezza (m): **2**

Note:

A

68		X9.0501	5.5	MORS. INTERFACCIA BHG 2	0501	BN	CONN. 611U BIASSE 1 X461-1	274	1	XC461-1	
68		X9.0502	5.5	MORS. INTERFACCIA BHG 2	0502	WH	CONN. 611U BIASSE 1 X461-1	274	2	XC461-12	
68											
68						YE					
68						GN					
68		X9.0503	5.5	MORS. INTERFACCIA BHG 2	0503	PK	CONN. 611U BIASSE 1 X461-1	274	3	XC461-13	
68		X9.0504	5.5	MORS. INTERFACCIA BHG 2	0504	GY	CONN. 611U BIASSE 1 X461-1	274	4	XC461-14	
68						RD					
68											

C



C

D

E

F

A

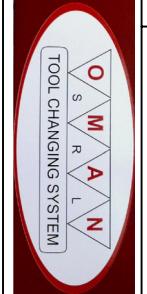
B

C

D

E

F



Matricola : TTX011	Preparato :	Funzione : DISTINTA CAVO	Pag. FILU-WS3
Progetto :	Verificato :		
Macchina : TOO-TOWER 1600-150-CAT6P600-M			
Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.	Pagina successiva FILU-WT1A



W/0: WT2A	Codice: 6FX8008-1BD51-XXXX	Descrizione: CAVO TRASDUTTORE ASSE ROTANTE
A:		

6

3

Lunghezza (m.);

Note:

—

1

8

Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	DISTINTA CAVO
		Pag. FILI-WT2A

1

2

3

4

5

6

7

8

A

Cavo: **WT2B** Codice: **6FX8008-1BD51-XXXX** Descrizione: **PROLUNGA TRASDUTTORE ASSE ROTANTE**

Da:

A:

Lunghezza (m): **2**

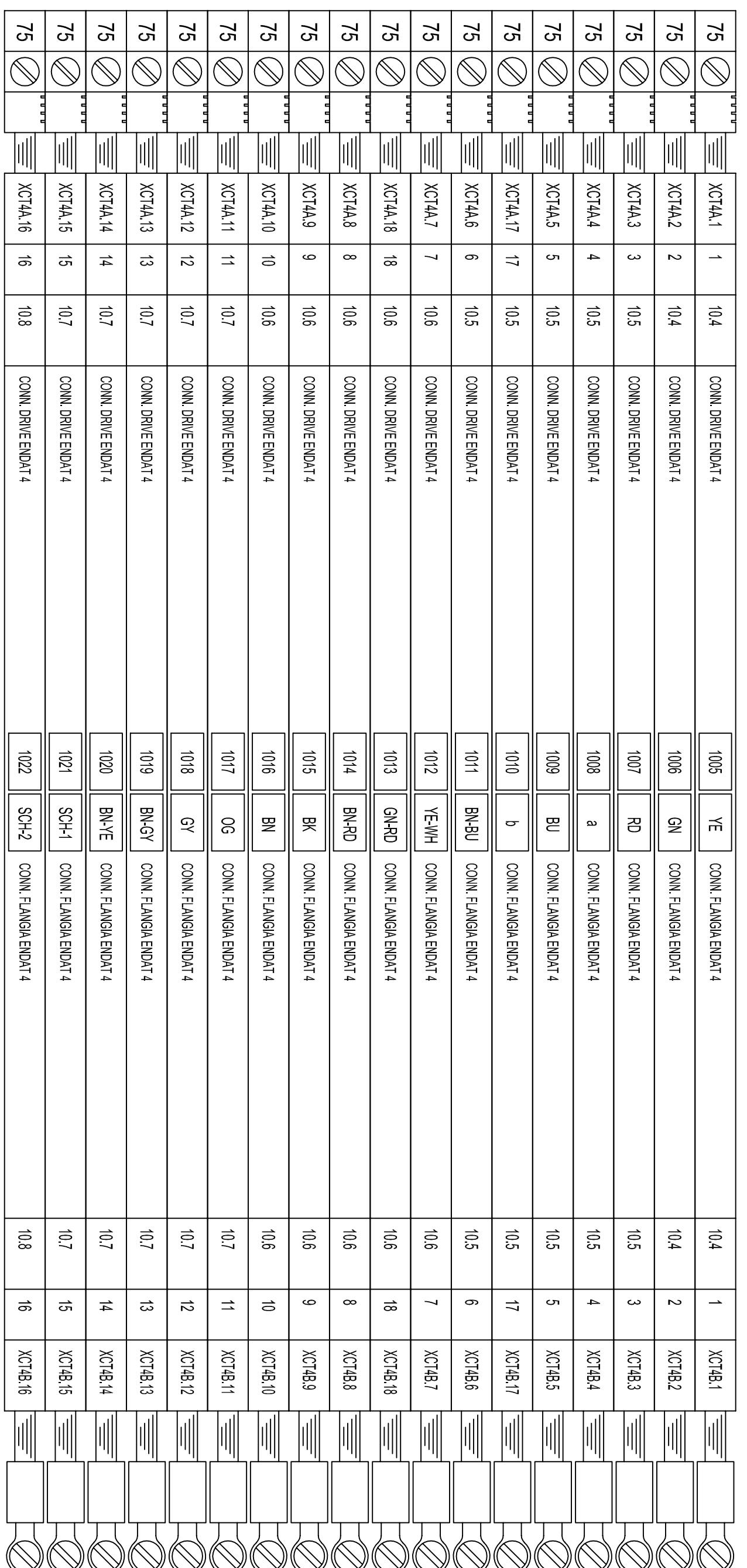
Note:

A	B	C	D	E	F
72	72	72	72	72	
72	72	72	72	72	
XCT2B.1	XCT2B.2	XCT2B.3	XCT2B.4	XCT2B.5	XCT2B.6
1	2	3	4	5	6
84	84	8.5	8.5	8.5	8.8
CONN. FLANGIA ENDAT2					
0805	0806	0807	0808	0809	0811
YE	GN	RD	a	BU	BN-BU
CONN. MOTORE ENDAT2					
8.4	8.4	8.5	8.5	8.5	8.5
8.4	8.4	8.5	8.5	8.5	8.8
XCT2C.1	XCT2C.2	XCT2C.3	XCT2C.4	XCT2C.5	XCT2C.6
2	2	3	4	5	6
8.4	8.4	8.5	8.5	8.5	8.8
CONN. MOTORE ENDAT2					
0812	0813	0814	0815	0816	0817
YE-WH	GN-RD	BN-RD	BK	BN	OG
CONN. MOTORE ENDAT2					
7	8	8	9	9	11
8.6	8.6	8.6	8.6	8.6	8.7
XCT2C.7	XCT2C.8	XCT2C.9	XCT2C.10	XCT2C.11	XCT2C.12
7	7	7	7	7	12
8.6	8.6	8.6	8.6	8.7	12
CONN. FLANGIA ENDAT2					
0818	0819	0820	0821	0822	
GY	BN-GY	BN-YE	SCH-1	SCH-2	
CONN. MOTORE ENDAT2					
8.7	8.7	8.7	8.7	8.8	
XCT2C.13	XCT2B.14	XCT2B.15	XCT2B.16		
13	14	15	16		
8.7	8.7	8.7	8.8		
CONN. FLANGIA ENDAT2	CONN. FLANGIA ENDAT2	CONN. FLANGIA ENDAT2	CONN. FLANGIA ENDAT2		
0819	0820	0821	0822		
BN-GY	BN-YE	SCH-1	SCH-2		
CONN. MOTORE ENDAT2	CONN. MOTORE ENDAT2	CONN. MOTORE ENDAT2	CONN. MOTORE ENDAT2		
8.7	8.7	8.7	8.8		
XCT2C.13	XCT2C.14	XCT2C.15	XCT2C.16		
13	14	15	16		
8.7	8.7	8.7	8.8		
CONN. MOTORE ENDAT2	CONN. MOTORE ENDAT2	CONN. MOTORE ENDAT2	CONN. MOTORE ENDAT2		
0820	0821	0822			
BN-YE	SCH-1	SCH-2			
CONN. MOTORE ENDAT2	CONN. MOTORE ENDAT2	CONN. MOTORE ENDAT2			
8.7	8.7	8.8			

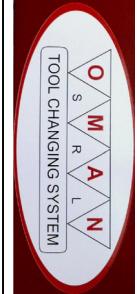


Motricola : TTX011
Progetto : Verificato :
Macchina : TOO-TOWER 1600-150-CAT600-M
Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.
PAG. FILI-WT2B
Pagina successiva
FILI-WT3A



Cavo:	WT4A	Codice:	6FX8008-1BD51-XXXX	Descrizione:	CAVO TRASDUTTORE ASSE POLSOSO
Da:				A:	N-41



Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	DISTINTA CAVO
		Pag. FILI-WT4A

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OMNIA SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMNIA SRL.

1

1

1

1

1

1

1

1

1

1

1

1

三

1

W4

३

1

1



1

4

1

1

1

Cavo: WT4B	Codice: 6FX8008-1BD51-XXXX	Descrizione: PROLUNGA TRASDUTTORE ASSE POLSO
Da:		A:

11

27a(m).

Note.

1

2

Matricola : TIX011	Preparato :	Funzione :
Progetto :	Verificato :	

DISTINTA CAVO

一九四〇年十一月

卷之三

卷之三

卷之三

卷之三

7

1

2

3

4

5

6

7

8

A

Cavo: WTX5A Codice: **6FX8008-1BD51-XXXX** Descrizione: **CAVO TRASDUTTORE ASSE TILT**

Da:

A:

Lunghezza (m): **2**

Note:

		Metricola	Preparato	Funzione	Pag.	FILI-WT5A
		Progetto :	Verificato :	DISTINTA CAVO		
		Macchina : TOO-TOWER 1600-150-CAT6P/600-M				
		Data : 08/04/2010	Rev.	ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.		
A						
B						
C						
D						
E						
F						



Data :

Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Metricola : TTX011

Preparato : Conn. Drive Endat 5

Funzione : YE

Conn. Flangia Endat 5

Pag. FILI-WT5A

Pagine successive

Fili-WT5B

1

2

3

4

5

6

7

8

Cavo: WT5B Codice: **6FX8008-1BD51-XXXX** Descrizione: **PROLUNGA TRASDUTTORE ASSE TILT**

Da:

A:

Lunghezza (m): **2**

Note:

A	B	C	D	E	F
78	78	78	78	78	
78	78	78	78	78	
XCT5B.1	XCT5B.2	XCT5B.3	XCT5B.4	XCT5B.5	XCT5B.6
1	2	3	4	5	6
11,4	11,4	11,5	11,5	11,5	11,5
CONN. FLANGIA ENDAT 5					
1105	1106	1107	1108	1109	1110
YE	GN	RD	a	BU	b
CONN. MOTORE ENDAT 5					
11,4	11,4	11,5	11,5	11,5	11,5
XCT5C.1	XCT5C.2	XCT5C.3	XCT5C.4	XCT5C.5	XCT5C.6
1	2	3	4	5	6
1105	1106	1107	1108	1109	1110
YE	GN	RD	a	BU	b
CONN. MOTORE ENDAT 5					
11,4	11,4	11,5	11,5	11,5	11,5
XCT5C.7	XCT5C.8	XCT5C.9	XCT5C.10	XCT5C.11	XCT5C.12
7	8	9	10	11	12
11,6	11,6	11,6	11,6	11,7	11,7
CONN. FLANGIA ENDAT 5					
1112	1113	1114	1115	1116	1117
YE-WH	GN-RD	BN-RD	BK	BN	OG
CONN. MOTORE ENDAT 5					
7	8	9	10	11	12
11,6	11,6	11,6	11,6	11,7	11,7
XCT5C.13	XCT5C.14	XCT5C.15	XCT5C.16		
13	14	15	16		
11,7	11,7	11,7	11,8		
CONN. FLANGIA ENDAT 5					
1119	1120	1121	1122		
BN-GY	BN-YE	SCH-1	SCH-2		
CONN. MOTORE ENDAT 5					
11,7	11,7	11,7	11,8		
XCT5C.13	XCT5C.14	XCT5C.15	XCT5C.16		
13	14	15	16		
11,7	11,7	11,7	11,8		
CONN. FLANGIA ENDAT 5					
1120	1121	1122			
BN-YE	SCH-1	SCH-2			
CONN. MOTORE ENDAT 5	CONN. MOTORE ENDAT 5	CONN. MOTORE ENDAT 5			



Motricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT600-M

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Motricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT600-M

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Motricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT600-M

Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

Motricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT600-M

Data : 08/04/2010 Rev.

Pag. FILI-WT5B

Pagina successiva MORSETTIHERE-001

RIEPILOGO MORSETTIERE

A

			TOTALE NRO	PAGINE
	NOME	SIGLatura	DESCRIZIONE	
X0	X0.1 X0.2 X0.3 ...		MORS. DA MACCHINA	14
X1	X1.1 X1.2 X1.3 ...		MORS. SEGNALI ROBOT	10
X2	X2.1 X2.2 X2.3 ...		MORS. COMANDI ROBOT	10
X3	X3.1 X3.2 X3.3 ...		MORS. SEGNALI CAMBIO	8
X4	X4.1 X4.2 X4.3 ...		MORS. COMANDI CAMBIO	12
X5	X5.1 X5.2 X5.3 ...		MORS. SEGNALI+COMANDI CARICO	14
X6	X6.1 X6.2 X6.3 ...		MORS. SEGNALI ASSE ROTANTE	3
X7	X7.1U X7.2U X7.3U ...		MORS. ILLUMINAZIONE TORRE	12
X8	X8.1 X8.2 X8.3 ...		MORS. INTERFACCIA BHG 1	8
X9	X9.1 X9.2 X9.3 ...		MORS. INTERFACCIA BHG 2	12
X10	X100 X100 X100 ...		MORS. COMUNI GENERICI	40
X200	X200.1 X200.2 X200.3 ...		MORS. COMUNI ALI.611U	2
X201	X201.1 X201.2 X201.3 ...		MORS. MOD.ASSI 1	3
X202	X202.1 X202.2 X202.3 ...		MORS. MOD.ASSI 2	3
X203	X203.1 X203.2 X203.3 ...		MORS. MOD.ASSI 3	3
XB2	XB2.1 XB2.2 XB2.3 ...		_MORS. COMANDI ROBOT	11
XB3	XB3.1 XB3.2 XB3.3 ...		_MORS. SEGNALI CAMBIO	12
XB4	XB4.1 XB4.2 XB4.3 ...		_MORS. COMANDI CAMBIO	12
XB5	XB5.1 XB5.2 XB5.3 ...		_MORS. SEGNALI+COMANDI CARICO	21
XB6	XB6.1 XB6.2 XB6.3 ...		_MORS. SEGNALI ASSE ROTANTE	4
XB7	XB7.1 XB7.2 XB7.3 ...		_MORS. ILLUMINAZIONE TORRE	3

A



Motricola : TTX011
Progetto : Verificato :
Macchina : TOO-TOWER 1600-150-CAT
Data : 08/04/2010 Rev. :

FUNZIONE : RIEPILOGO MORSETTIERE
PAG. MORSETTIERE-001
PAGINA SUCCESSIVA MORSETTIERE-002

1 2 3 4 5 6 7 8

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

RIEPILOGO MORSETTIERE

A

				TOTALE NRO	PAGINE
NOME	SIGLatura	DESCRIZIONE			
XCA	XCA.1 XCA2 XCA3...	CONN. ALIMENTATORE 611U	3	XCA-001	B
XCF1	XCF1.1 XCF1.2 XCF1.3...	CONN. BRAKE M1	2	XCF1-001	
XCF3	XCF3.1 XCF3.2 XCF3.3...	CONN. BRAKE M3	2	XCF3-001	
XCF4	XCF4.1 XCF4.2 XCF4.3...	CONN. BRAKE M4	2	XCF4-001	
XCF5	XCF5.1 XCF5.2 XCF5.3...	CONN. BRAKE M5	2	XCF5-001	
XCH1	XCH1.1 XCH1.2 XCH1.3...	CONN. SEGNALI ROBOT	10	XCH1-001	C
XCH1-1A	XCH1-A1 XCH1-A2 XCH1-A3...	CONN. SEGNALI ROBOT 1A	3	XCH1-1A-001	
XCH1-1B	XCH1-B1 XCH1-B2 XCH1-B3...	CONN. SEGNALI ROBOT 1B	3	XCH1-1B-001	
XCH1-2A	XCH1-2A1 XCH1-2A2 XCH1-2A3...	CONN. SEGNALI ROBOT 2A	3	XCH1-2A-001	
XCH1-2B	XCH1-2B1 XCH1-2B2 XCH1-2B3...	CONN. SEGNALI ROBOT 2B	3	XCH1-2B-001	
XCH1-3A	XCH1-3A1 XCH1-3A2 XCH1-3A3...	CONN. SEGNALI ROBOT 3A	3	XCH1-3A-001	D
XCH1-3B	XCH1-3B1 XCH1-3B2 XCH1-3B3...	CONN. SEGNALI ROBOT 3B	3	XCH1-3B-001	
XCH1-4A	XCH1-4A1 XCH1-4A2 XCH1-4A3...	CONN. SEGNALI ROBOT 4A	3	XCH1-4A-001	
XCH1-4B	XCH1-4B1 XCH1-4B2 XCH1-4B3...	CONN. SEGNALI ROBOT 4B	3	XCH1-4B-001	
XCH1-5A	XCH1-5A1 XCH1-5A2 XCH1-5A3...	CONN. SEGNALI ROBOT 5A	3	XCH1-5A-001	
XCH1-5B	XCH1-5B1 XCH1-5B2 XCH1-5B3...	CONN. SEGNALI ROBOT 5B	3	XCH1-5B-001	E
XCH1-6A	XCH1-6A1 XCH1-6A2 XCH1-6A3...	CONN. SEGNALI ROBOT 6A	3	XCH1-6A-001	
XCH1-6B	XCH1-6B1 XCH1-6B2 XCH1-6B3...	CONN. SEGNALI ROBOT 6B	3	XCH1-6B-001	
XCH1-7A	XCH1-7A1 XCH1-7A2 XCH1-7A3...	CONN. SEGNALI ROBOT 7A	3	XCH1-7A-001	
XCH1-7B	XCH1-7B1 XCH1-7B2 XCH1-7B3...	CONN. SEGNALI ROBOT 7B	3	XCH1-7B-001	
XCH1-8A	XCH1-8A1 XCH1-8A2 XCH1-8A3...	CONN. SEGNALI ROBOT 8A	3	XCH1-8A-001	F

A

Matricola : TTX011	Preparato :	Funzione : RIEPILOGO MORSETTIERE	Pag. MORSETTIERE-002
Progetto : Macchina : TOO-TOWER	Verificato : 1600-150-CAT◦-M		Pagina successiva MORSETTIERE-003



Data : 08/04/2010 Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

RIEPILOGO MORSETTIERE

A

				TOTALE NRO	PAGINE
	NOME	SIGLatura	DESCRIZIONE		
XCH1-8B	XCH1-8B.1 XCH1-8B.2 XCH1-8B.3...		CONN. SEGNALI ROBOT 8B	3	XCH1-8B-001
XCH1A	XCH1A.1 XCH1A.2 XCH1A.3...		CONN. SEGNALI ROBOT A	10	XCH1A-001
XCH2	XCH2.1 XCH2.2 XCH2.3...		CONN. COMANDI ROBOT	10	XCH2-001
XCH3	XCH3.1 XCH3.2 XCH3.3...		CONN. SEGNALI CAMBIO	6	XCH3-001
XCH3-1	XCH3.1.1 XCH3.1.2 XCH3.1.3...		CONN. SEGNALI BRACCIO 1	3	XCH3-1-001
XCH3-2	XCH3.2.1 XCH3.2.2 XCH3.2.3...		CONN. SEGNALI BRACCIO 2	3	XCH3-2-001
XCH3-5	XCH3.5.1 XCH3.5.2 XCH3.5.3...		CONN. SEGNALI BRACCIO 5	3	XCH3-5-001
XCH3-7	XCH3.7.1 XCH3.7.2 XCH3.7.3...		CONN. SEGNALI BRACCIO 7	3	XCH3-7-001
XCH4	XCH4.1 XCH4.2 XCH4.3...		CONN. COMANDI CAMBIO	10	XCH4-001
XCH5	XCH5.1 XCH5.2 XCH5.3...		CONN. SEGNALI+COMANDI CARICO	14	XCH5-001
XCH5-1A	XCH5.1A.1 XCH5.1A.2 XCH5.1A.3...		CONN. SEGNALE PINZA MAN. OCCUPATA	3	XCH5-1A-001
XCH5-2A	XCH5.2A.1 XCH5.2A.2 XCH5.2A.3...		CONN. SEGNALE PORTA BLOCCATA	3	XCH5-2A-001
XCH5-3	XCH5.3.1 XCH5.3.2 XCH5.3.3...		CONN. SEGNALE MICROCONTATTO 1 PORTA MANUTENZIONE CHIUSA	2	XCH5-3-001
XCH5-4	XCH5.4.1 XCH5.4.2 XCH5.4.3...		CONN. SEGNALE MICROCONTATTO 2 PORTA MANUTENZIONE CHIUSA	2	XCH5-4-001
XCH5-5	XCH5.5.1 XCH5.5.2 XCH5.5.3...		CONN. SEGNALI PROSSIMITÀ GIRELLO RUOTATO	3	XCH5-5-001
XCH6	XCH6.1 XCH6.2 XCH6.3...		CONN. SEGNALI ASSE ROTANTE	3	XCH6-001
XCH7	XCH7.1 XCH7.2 XCH7.3...		CONN. ILLUMINAZIONE TORRE	3	XCH7-001
XCM1A	XCM1A.1 XCM1A.2 XCM1A.3...		CONN. DRIVE M1	3	XCM1A-001
XCM1B	XCM1B.1 XCM1B.2 XCM1B.3...		CONN. FLANGIA M1	6	XCM1B-001
XCM1C	XCM1C.1 XCM1C.2 XCM1C.3...		CONN. MOTORE M1	6	XCM1C-001
XCM2A	XCM2A.1 XCM2A.2 XCM2A.3...		CONN. DRIVE M2	3	XCM2A-001

F



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT600-M
Data : 08/04/2010 Rev.

Funzione : RIEPILOGO MORSETTIERE
Pag. MORSETTIERE-003
Pagina successiva MORSETTIERE-004

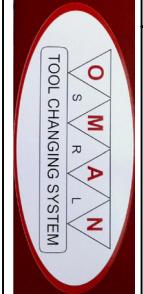
1 2 3 4 5 6 7 8

RIEPILOGO MORSETTIERE

A

				TOTALE NRO	PAGINE
	SIGLatura	DESCRIZIONE			
B	XCM2B	XCM2B1 XCM2B2 XCM2B3...	CONN. FLANGIA M2	4	XCM2B-001
	XCM2C	XCM2C1 XCM2C2 XCM2C3...	CONN. MOTORE M2	4	XCM2C-001
	XCM3A	XCM3A1 XCM3A2 XCM3A3...	CONN. DRIVE M3	3	XCM3A-001
C	XCM3B	XCM3B1 XCM3B2 XCM3B3...	CONN. FLANGIA M3	6	XCM3B-001
	XCM3C	XCM3C1 XCM3C2 XCM3C3...	CONN. MOTORE M3	6	XCM3C-001
	XCM4A	XCM4A1 XCM4A2 XCM4A3...	CONN. DRIVE M4	3	XCM4A-001
C	XCM4B	XCM4B1 XCM4B2 XCM4B3...	CONN. FLANGIA M4	6	XCM4B-001
	XCM4C	XCM4C1 XCM4C2 XCM4C3...	CONN. MOTORE M4	6	XCM4C-001
	XCM5A	XCM5A1 XCM5A2 XCM5A3...	CONN. DRIVE M5	3	XCM5A-001
D	XCM5B	XCM5B1 XCM5B2 XCM5B3...	CONN. FLANGIA M5	6	XCM5B-001
	XCM5C	XCM5C1 XCM5C2 XCM5C3...	CONN. MOTORE M5	6	XCM5C-001
	XCT1A	XCT1A1 XCT1A2 XCT1A3...	CONN. DRIVE ENDAT 1	18	XCT1A-001
D	XCT1B	XCT1B1 XCT1B2 XCT1B3...	CONN. FLANGIA ENDAT 1	18	XCT1B-001
	XCT1C	XCT1C1 XCT1C2 XCT1C3...	CONN. MOTORE ENDAT 1	18	XCT1C-001
	XCT2A	XCT2A1 XCT2A2 XCT2A3...	CONN. DRIVE ENDAT 2	18	XCT2A-001
D	XCT2B	XCT2B1 XCT2B2 XCT2B3...	CONN. FLANGIA ENDAT 2	18	XCT2B-001
	XCT2C	XCT2C1 XCT2C2 XCT2C3...	CONN. MOTORE ENDAT 2	18	XCT2C-001
	XCT3A	XCT3A1 XCT3A2 XCT3A3...	CONN. DRIVE ENDAT 3	18	XCT3A-001
E	XCT3B	XCT3B1 XCT3B2 XCT3B3...	CONN. FLANGIA ENDAT 3	18	XCT3B-001
	XCT3C	XCT3C1 XCT3C2 XCT3C3...	CONN. MOTORE ENDAT 3	18	XCT3C-001
	XCT4A	XCT4A1 XCT4A2 XCT4A3...	CONN. DRIVE ENDAT 4	18	XCT4A-001
		F			F

A



Matricola : TTX011
Progetto :
Macchina : TOO-TOWER 1600-150-CAT600-M

Data : 08/04/2010 Rev. : ALL CONTENTS WITHIN THIS DOCUMENT ARE COPYRIGHTED BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

RIEPILOGO MORSETTIERE

Pag. MORSETTIERE-004

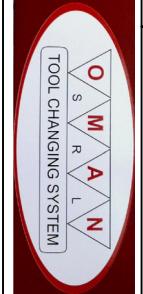
Pagina successiva MORSETTIERE-005

RIEPILOGO MORSETTIERE

A

NOME	SIGLatura	DESCRIZIONE	TOTALE NRO	PAGINE
XCT4B	XCT4B1 XCT4B2 XCT4B3...	CONN. FLANGIA ENDAT 4	18	XCT4B-001
XCT4C	XCT4C1 XCT4C2 XCT4C3...	CONN. MOTORE ENDAT 4	18	XCT4C-001
XCT5A	XCT5A1 XCT5A2 XCT5A3...	CONN. DRIVE ENDAT 5	18	XCT5A-001
XCT5B	XCT5B1 XCT5B2 XCT5B3...	CONN. FLANGIA ENDAT 5	18	XCT5B-001
XCT5C	XCT5C1 XCT5C2 XCT5C3...	CONN. MOTORE ENDAT 5	18	XCT5C-001
XC_6SN118_2P_S	XC42131 XC42132 XC42133...	CONN. 611U BIASSE 2 X421-3	2	XC_6SN118_2P_S-002
XC_6SN118_2P_S	XC42121 XC42122 XC42123...	CONN. 611U BIASSE 2 X421-2	2	XC_6SN118_2P_S-002
XC_6SN118_2P_S	XC6111 XC6112 XC6113...	CONN. ALL. 611U X161	2	XC_6SN118_2P_S-001
XC_6SN118_2P_S	XC42111 XC42112 XC42113...	CONN. 611U BIASSE 1 X421-1	2	XC_6SN118_2P_S-002
XC_6SN118_5P_S	XC43111 XC43112 XC43113...	CONN. 611U BIASSE 1 X431-1	3	XC_6SN118_5P_S-001
XC_6SN118_5P_S	XC43121 XC43122 XC43123...	CONN. 611U BIASSE 2 X431-2	3	XC_6SN118_5P_S-002
XC_6SN118_6P_D	XC1411 XC1412 XC1413...	CONN. ALL. 611U X141	5	XC_6SN118_6P_D-001
XC_6SN118_6P_S	XC1311 XC1312 XC1313...	CONN. ALL. 611U X131	5	XC_6SN118_6P_S-001
XC_6SN118_8P_S	XC1811 XC1812 XC1813...	CONN. ALL. 611U X181	6	XC_6SN118_8P_S-001
XC_6SN118_10P_D	XK4521 XK4522 XK4523...	CONN. 611U BIASSE 2 X452-2	2	XC_6SN118_10P_D-001
XC_6SN118_10P_D	XK4521.1 XK4521.2 XK4521.3...	CONN. 611U BIASSE 1 X452-1	4	XC_6SN118_10P_D-001
XC_6SN118_10P_S	XK4511.1 XK4511.2 XK4511.3...	CONN. 611U BIASSE 1 X451-1	4	XC_6SN118_10P_S-001
XC_6SN118_10P_S	XK4513.1 XK4513.2 XK4513.3...	CONN. 611U BIASSE 2 X451-2	4	XC_6SN118_10P_S-001
XC_6SN118_10P_S	XK4512.1 XK4512.2 XK4512.3...	CONN. 611U BIASSE 2 X451-2	4	XC_6SN118_10P_S-001
XC_6SN118_11P_D	XK4621.1 XK4621.2 XK4621.3...	CONN. 611U BIASSE 1 X462-1	4	XC_6SN118_11P_D-001
XC_6SN118_11P_D	XK4622.1 XK4622.2 XK4622.3...	CONN. 611U BIASSE 2 X462-2	5	XC_6SN118_11P_D-001

F



TOOL CHANGING SYSTEM

Matricola : TTX011	Preparato :	Funzione :
Progetto :	Verificato :	RIEPILOGO MORSETTIERE
Macchina : TOO-TOWER	1600-150-CAT	

Data : 08/04/2010

Rev.

ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OWN SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OWN SRL.

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

TT

UU

VV

WW

XX

YY

ZZ

AA

BB

CC

DD

EE

FF

GG

HH

II

JJ

KK

LL

MM

NN

OO

PP

QQ

RR

SS

RIEPILOGO MORSETTIERE

A

A

1 2 3 4 5 6 7 8

NOME	SIGLatura	DESCRIZIONE	TOTALE N.R.O	PAGINE
XC_6SN118_11P_S	X461-3.1 X461-3.2 X461-3.3...	CONN. 611U BIASSE 2 X461-3	5	XC_6SN118_11P_S-002
XC_6SN118_11P_S	X461-1.1 X461-1.2 X461-1.3...	CONN. 611U BIASSE 1 X461-1	5	XC_6SN118_11P_S-001
XC_6SN118_11P_S	X461-2.1 X461-2.2 X461-2.3...	CONN. 611U BIASSE 2 X461-2	5	XC_6SN118_11P_S-001

C

C

B

B

D

D

E

E

F

F

E

E



Matricola : TTX011 Preparato : Funzione : RIEPILOGO MORSETTIERE
 Progetto : Verificato :
 Macchina : TOO-TOWER 1600-150-CAT 6000-M
 Data : 08/04/2010 Rev. ALL CONTENTS WITHIN THIS DOCUMENT ARE PROPRIETARY BY AND BELONG TO OMAS SRL. ALL RIGHTS ARE RESERVED UNDER THE REGULATIONS IN FORCE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, PUBLISHED, DISCLOSED OR DISTRIBUTED, EITHER PARTIALLY OR ENTIRELY, WITHOUT THE PRIOR WRITTEN CONSENT OF OMAS SRL.

Pag. MORSETTIERE-006
 Pagina successiva
 S7-300-000/1