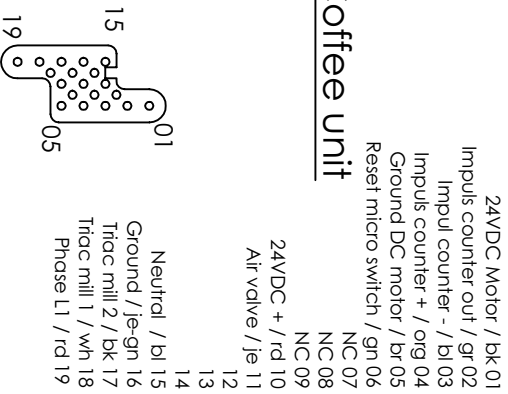


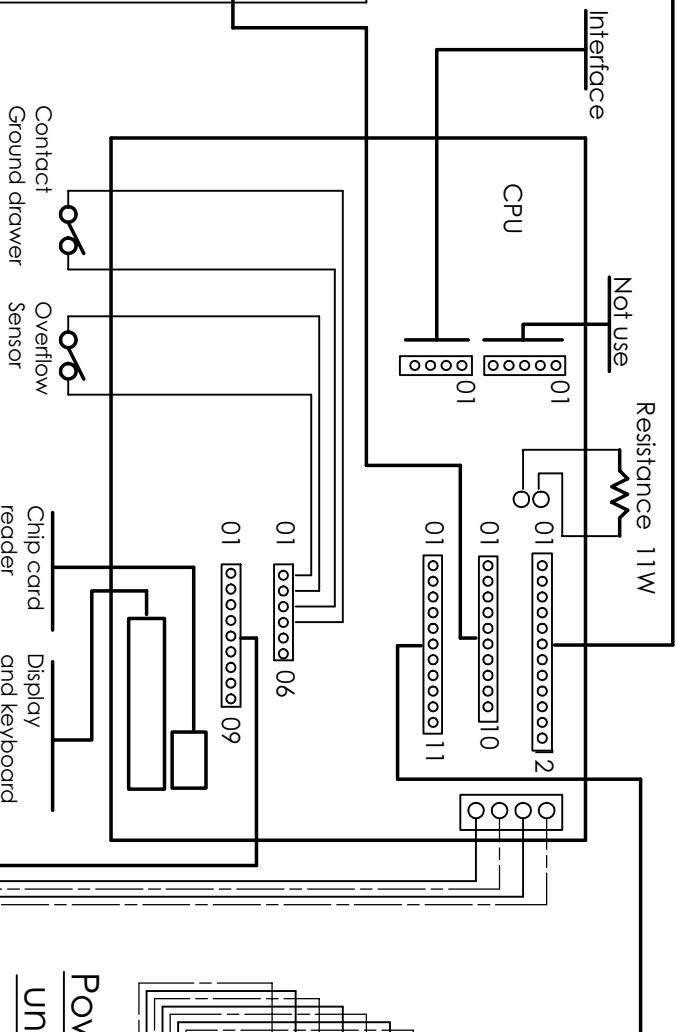
IPL Ltd		Surface		Echelle 1:1		Position		Quantité 1	
CH-1957 Ardon				-		-		-	
		</							

General electric diagram CTS - CIM CE V2

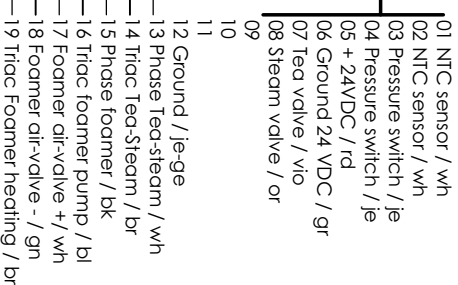
Coffee unit



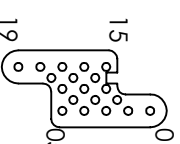
Interface



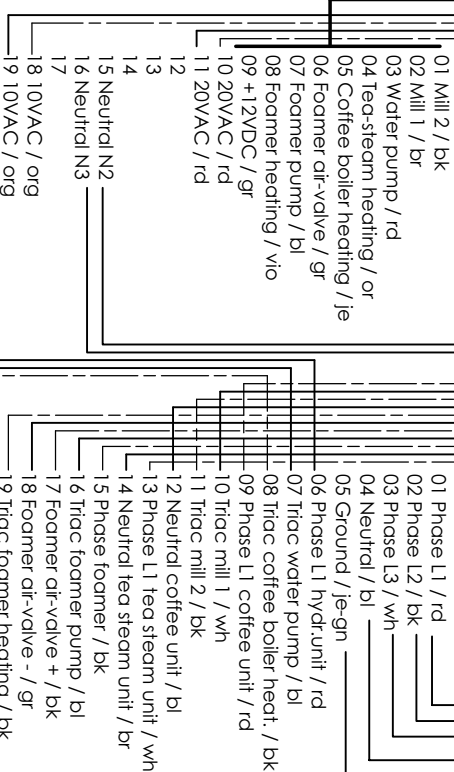
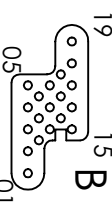
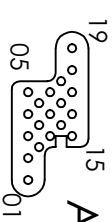
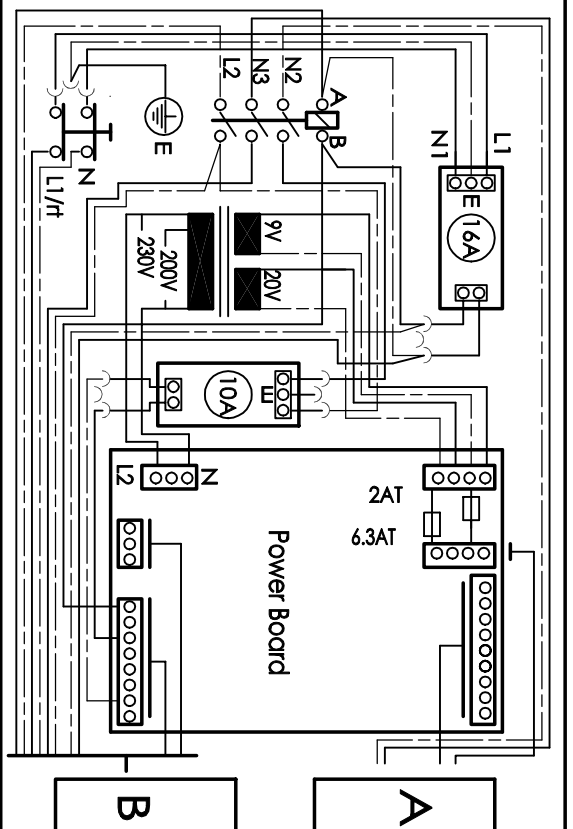
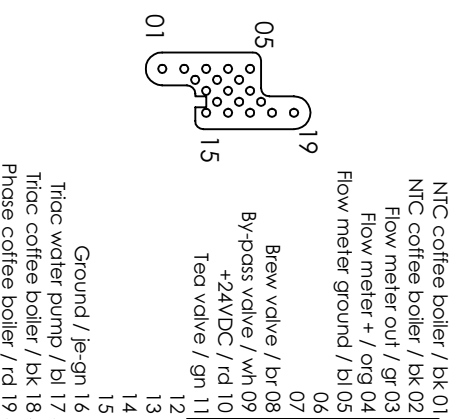
Power manag. unit



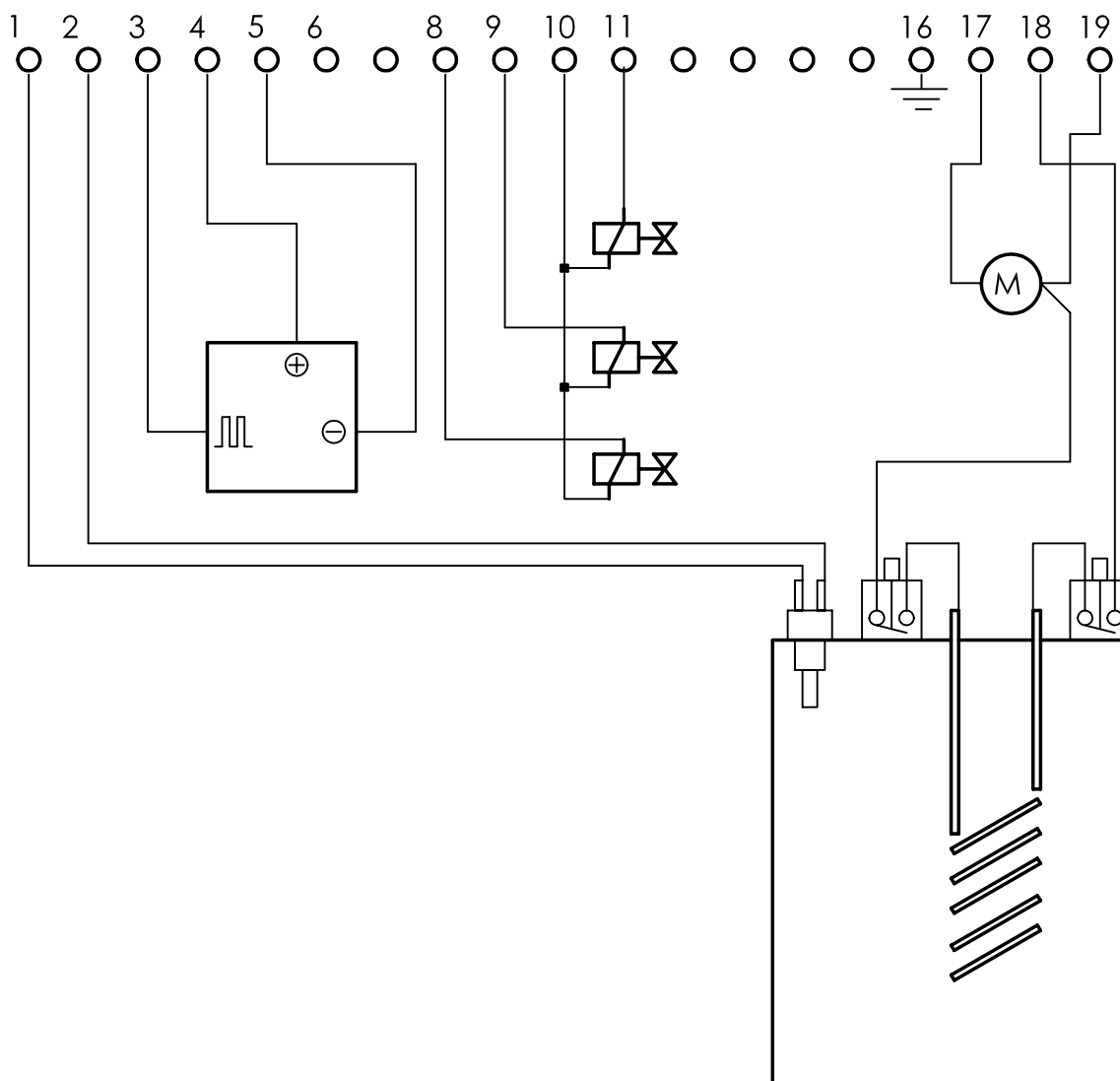
Tea steam unit









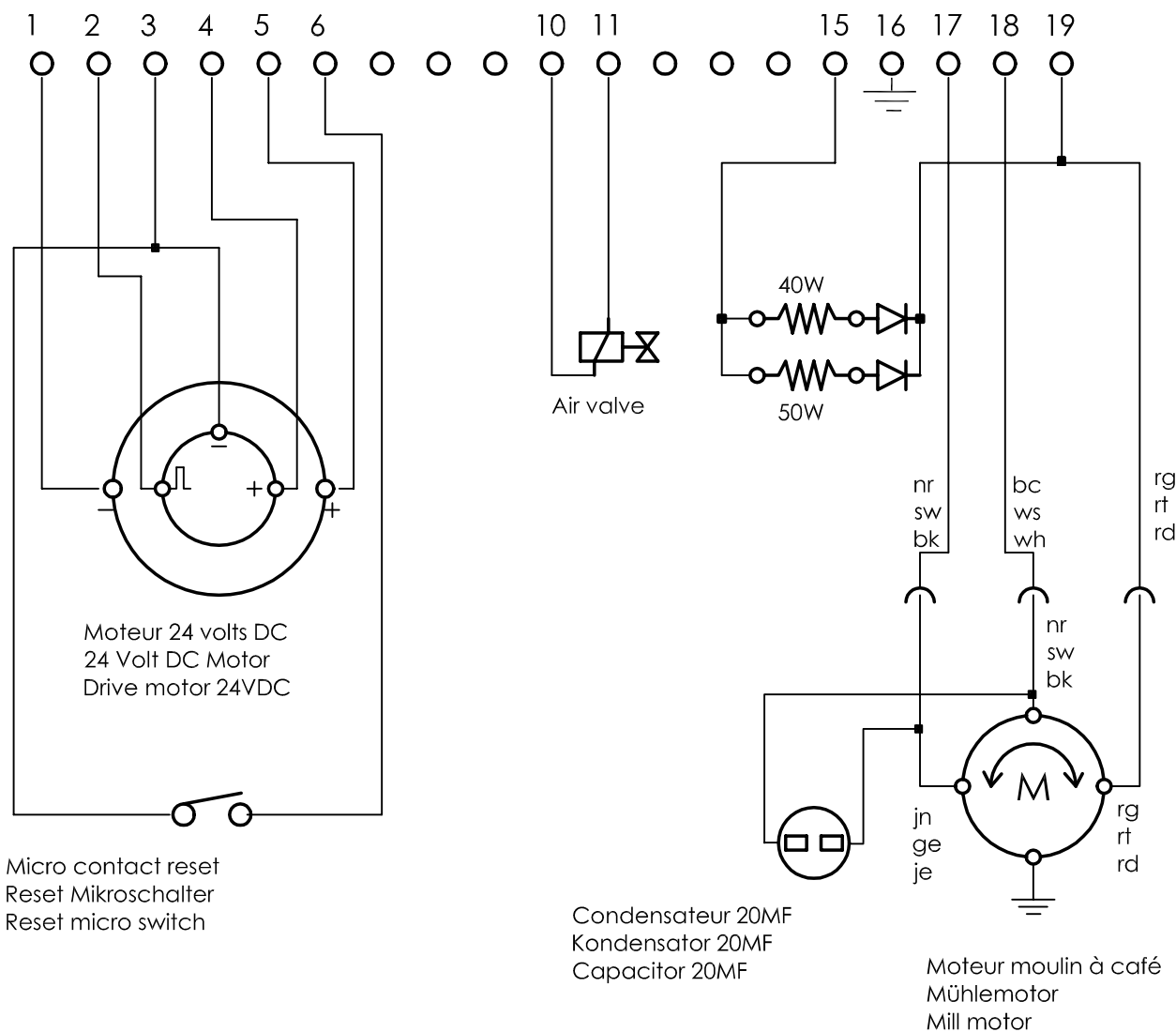
Hydraulic unit



Module hydraulique	Hydraulik Modul	Hydraulic modul
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Français	Deutsch	Englisch	Symboles
01 NTC sonde temp. / nr	01 NTC Fühler / sw	01 NTC sensor / bk	01 Sécurité thermique 
02 NTC sonde temp. / nr	02 NTC Fühler / sw	02 NTC sensor / bk	02 Sicherheitsbegrenzer
03 Signal out / gr	03 Signal / gr	03 Output / gr	03 Klixon 
04 + 8 volts / or	04 Speisung 8 volt / or	04 + 8 volt / org	04 Electro vanne
05 0 volt / bl	05 0 volts / bl	05 0 volt / bl	05 Magnetventil 
06	06	06	06 Solenoid valve
07	07	07	07 Moteur
08 Vanne café / br	08 Brühventil / br	08 Brew valve / br	08 Motor 
09 Vanne by-pass / bc	09 By-passventil / ws	09 By-pass valve / wh	09 Motor
10 + 24 volts / rg	10 +24 volts / rt	10 + 24 volt / rd	10 Débit-mètre 
11 Vanne thé / vt	11 Teeventil / gn	11 Tee-ventil / gn	11 Durchflussmesser
12	12	12	12 Flow meter
13	13	13	13
14	14	14	14 NTC sonde 
15	15	15	15 NTC Fühler
16 Terre / jn-vt	16 Erde / ge-gn	16 Ground / je-gn	16 NTC sensor
17 Triac mot. ppe eau / bl	17 Triac Wasserpumpe / bl	17 Triac water pump / bl	
18 Triac corps de chauffe / nr	18 Triac Heizung / sw	18 Triac heating / bk	
19 Phase boiler café / rg	19 Phase Kaffeeboiler / rt	19 Phase coffee boiler / rd	
Thermoplan 19.12.00 JPI/IAB			



Français

Deutsch

Englisch

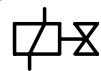
Symboles

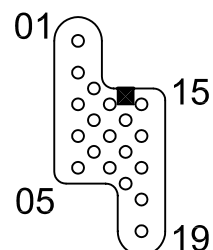
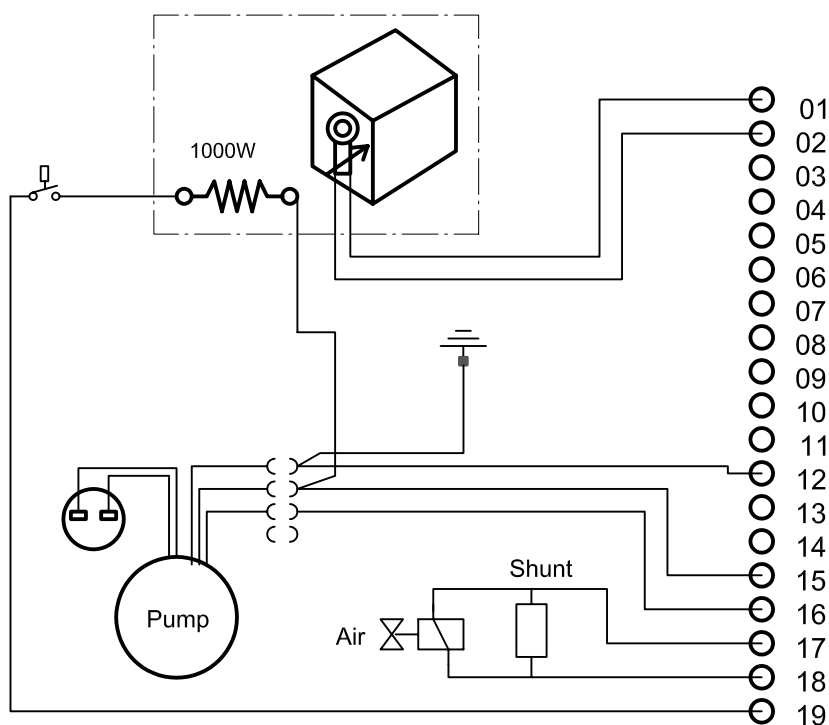
01 0 volt DC moteur / nr
 02 Signal out hall sensor / gr
 03 0 volt hall sensor / bl
 04 +8 volts hall sensor / or
 05 +24 volts DC moteur / br
 06 Micro contact reset / vt
 07 NC
 08 NC
 09 NC
 10 +24 volts DC / rg
 11 Vanne air / jn
 12
 13
 14
 15 Neutre / bl
 16 Terre / jn-vt
 17 Triac mot. moulin 2 / nr
 18 Triac mot. moulin 1 / bc
 19 Phase 1 / rg




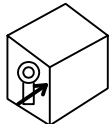
01 0 Volt DC Motor / nr
 02 Ausg. signal Hall sensor / gr
 03 0 Volt Hall sensor / bl
 04 +8 Volt Hall sensor / or
 05 +24 Volt DC motor / br
 06 Reset Mikroschalter / gn
 07 Unbelegt
 08 Unbelegt
 09 Unbelegt
 10 +24 Volt / rt
 11 Luftventil / ge
 12
 13
 14
 15 Neutral / bl
 16 Erde / ge-gn
 17 Triac Mühlemotor 2 / sw
 18 Triac Mühlemotor 1 / ws
 19 Phase 1 / rt

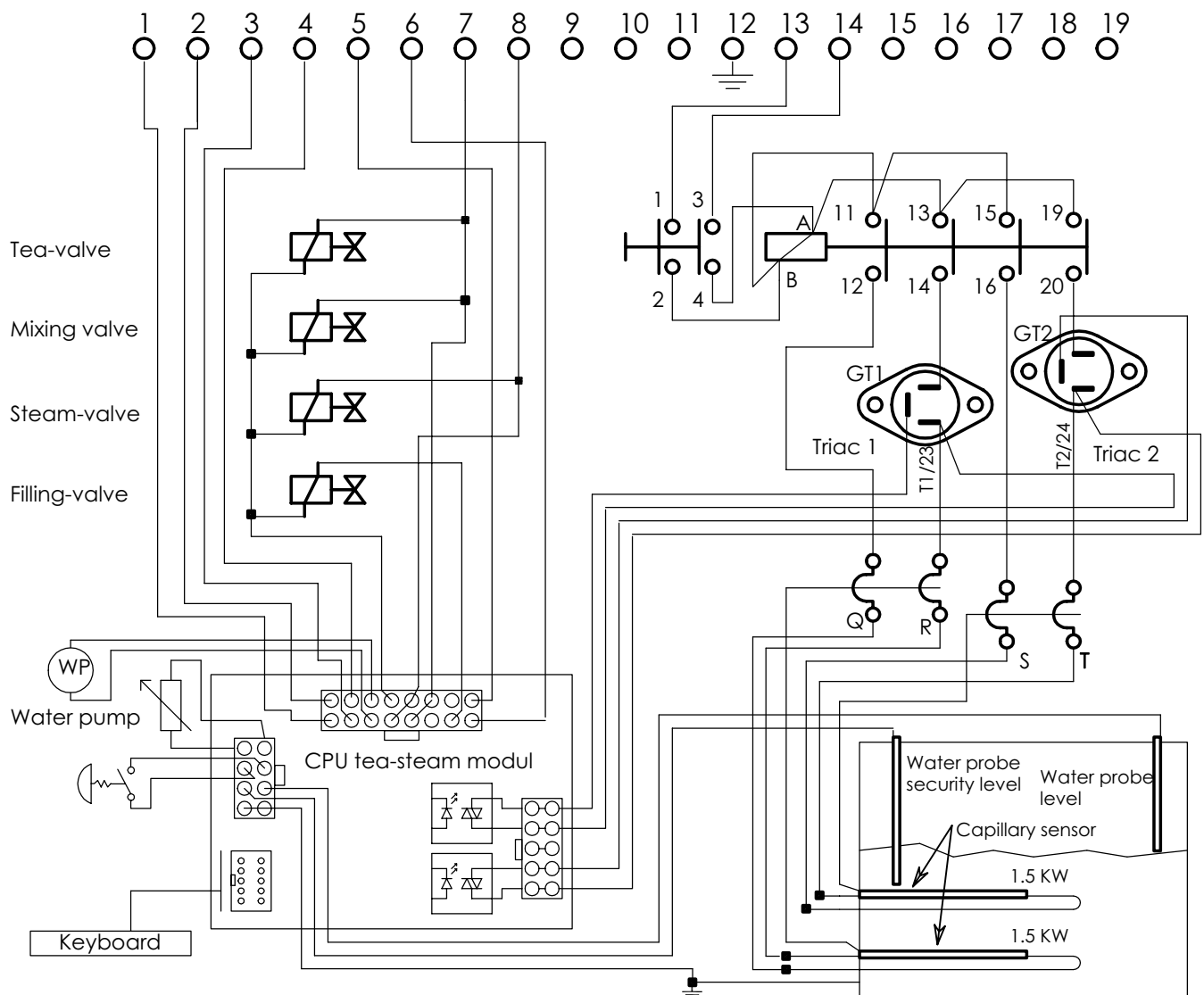
01 0 volt drive motor / bk
 02 Hall sensor output / gr
 03 0 volt hall sensor / bl
 04 + 8 volt hall sensor / org
 05 + 24 VDC drive motor / br
 06 Reset micro switch / gn
 07 NC
 08 NC
 09 NC
 10 + 24 VDC / rd
 11 Air valve / je
 12
 13
 14
 15 Neutral / bl
 16 Ground / je-gn
 17 Triac mill motor / bk
 18 Triac mill motor / wh
 19 Phase 1 / rd

01 Diode 1N4007
 02 Diode 1N4007
 03 Diode 1N4007
 04
 05 Cartouche chauffante
 06 Heizpatrone
 07 Cartridge heating
 08
 09 Vanne magnétique
 10 Magnetventil
 11 Solenoid valve
 12
 13
 14
 15





Français	Deutsch	English	Symboles
01 Sonde NTC / jn	01 NTC / jn	01 NTC / ye	Condensateur Kondensator Capacitor 
02 Sonde NTC / jn	02 NTC / jn	02 NTC / ye	
03 NC	03 NC	03 NC	
04 NC	04 NC	04 NC	Chauffage Heizung Heating element 
05 NC	05 NC	05 NC	
06 NC	06 NC	06 NC	
07 NC	07 NC	07 NC	Vanne magnétique Magnetventil Solenoid valve 
08 NC	08 NC	08 NC	
09 NC	09 NC	09 NC	
10 NC	10 NC	10 NC	Bac chauffant Heizwanne Heating container 
11 NC	11 NC	11 NC	
12 Terre / jn-vt	12 Erde / ge-gr	12 Earth / ye-gn	
13 NC	13 NC	13 NC	Thermoplan 07.06.02 JPI-IAB
14 NC	14 NC	14 NC	
15 Phase / rg	15 Phase / rt	15 Phase / rd	
16 Neutre / bl	16 Neutral / bl	16 Neutral / bl	
17 Vanne air + 200V / bc	17 Luftventil +200V / ws	17 Air valve +200V / bc	
18 Vanne air - 200V / gr	18 Luftventil +200V / gr	18 Air valve -200V / gr	
19 Neutre chauffage / nr	19 Neutral Heizung / sw	19 Neutral Heating / bk	



Français

01 NTC tube vapeur / bc
 02 NTC tube vapeur / bc
 03 Pressostat / jn
 04 Pressostat / jn
 05 +24VDC / rg
 06 Masse / nr
 07 Vanne thé / vl
 08 Vanne vapeur / or
 09
 10
 11
 12 Terre / jn-vt
 13 Phase L1 / nr
 14 Neutre / bl
 15
 16
 17
 18
 19

Deutsch

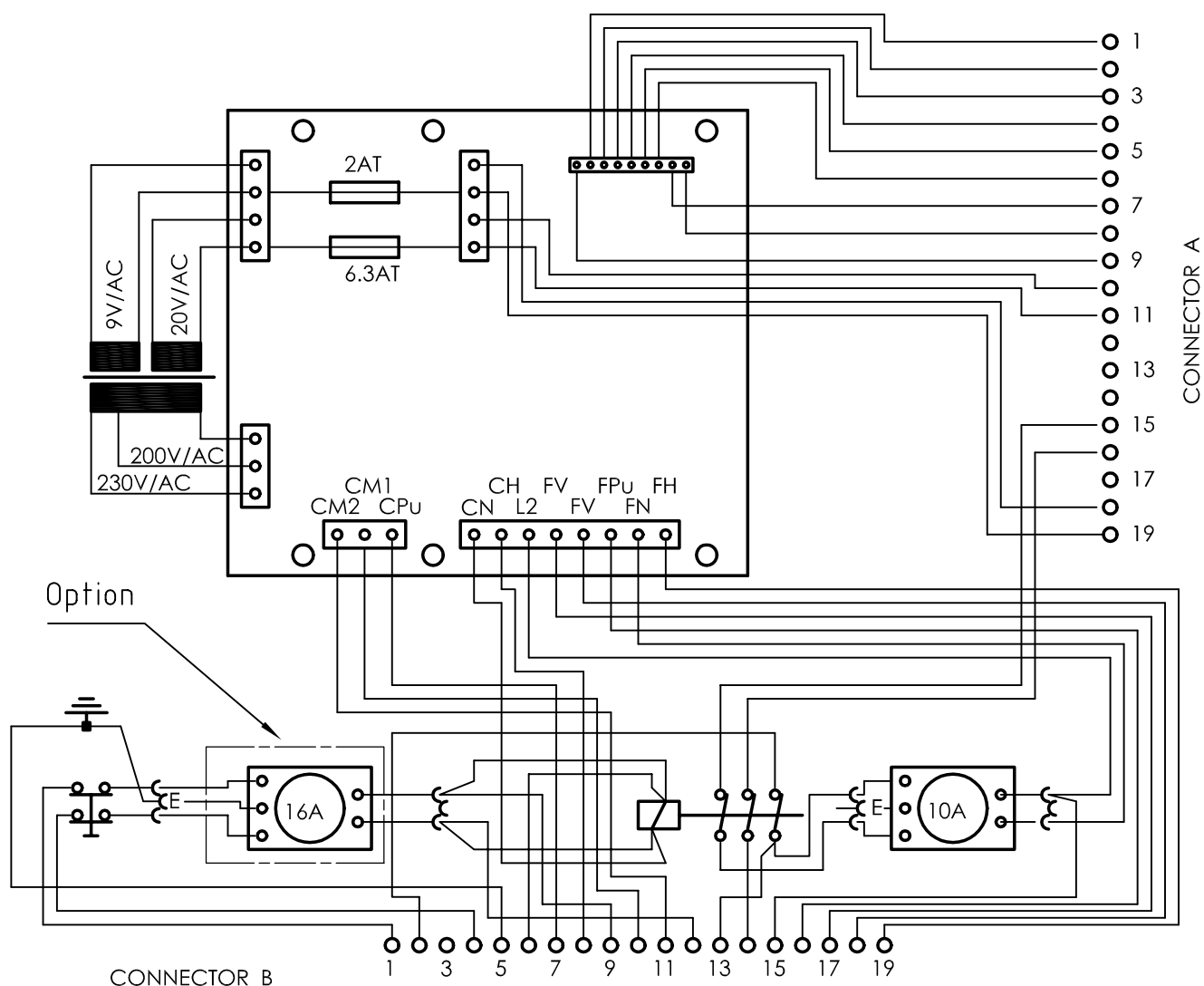
01 NTC Dampfrohr / ws
 02 NTC Dampfrohr / ws
 03 Druckschalter / ge
 04 Druckschalter / ge
 05 +24VDC / rg
 06 Masse / nr
 07 Teeventil / vl
 08 Dampfventil / or
 09
 10
 11
 12 Erde / ge-gr
 13 Phase L1
 14 Neutral / bl
 15
 16
 17
 18
 19

Englisch

01 NTC steam wand / wh
 02 NTC steamwand / wh
 03 Pressure switch / ye
 04 Pressure switch / ye
 05 +24 VDC / rd
 06 Ground / bk
 07 Tee valve / vio
 08 Steam valve / or
 09
 10
 11
 12 Earth / ge-ye
 13 Phase L1/ bk
 14 Neutral / bl
 15
 16
 17
 18
 19

Symbole

01 Pressostat
 02 Druckschalter
 03 Pressure switch
 04
 05
 06 Thermique
 07 Temp. Begrenzer
 08 Thermal security
 09
 10 Vanne magnétique
 11 Magnetventil
 12 Solenoid valve
 13
 14 NTC capteur
 15 NTC Fühler
 16 NTC sensor



ENGLISH / A

ENGLISCH / B

ITALIANO / A

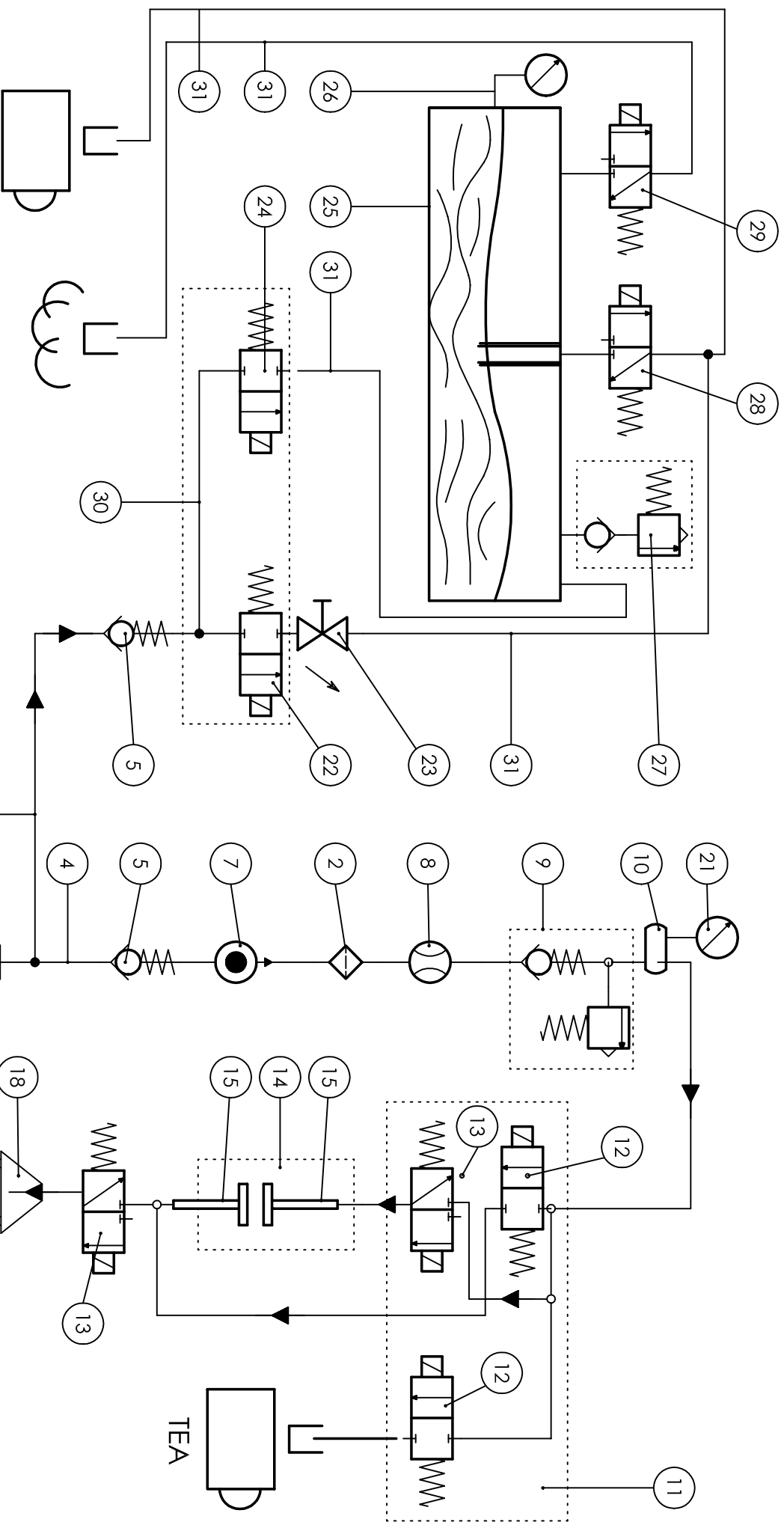
ITALIANO / B

01 Opto mill 2 / bk
 02 Opto mill 1 / br
 03 Opto water pump / rd
 04 Opto tea-steam heat./org
 05 Opto coffee heating / je
 06 Opto air valve Foamer / gn
 07 Opto Foamerpump / bl
 08 Opto Foamerheating / vio
 09 +12VDC / gr
 10 28VAC / rd
 11 28VAC / rd
 12
 13
 14
 15 Neutral N2 / bl
 16 Neutral N3 / bl
 17
 18 10VAC / org
 19 10VAC / org

01 Phase L1 / rd
 02 Phase L2 / bk
 03 Phase L3 / wh
 04 Neutral / bl
 05 Earth / je-gn
 06 Phase hydr.drawer. / rd
 07 Triac water pump / bl
 08 Triac coffee heating / bk
 09 Phase coffee drawer / rd
 10 Triac mill1 / wh
 11 Triac mill2 / bk
 12 Neutral coffee drawer / bl
 13 Phase the boiler / wh
 14 Neutral the boiler / br
 15 Phase Foamer / bk
 16 Triac Foamer pump / bl
 17 Air valve Foamer (+) / wh
 18 Air valve Foamer (-) / gr
 19 Triac Foamer heating / bk

01
 02
 03
 04
 05
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01
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LIST

2 Filter	13 Solenoid valve 3 way	24 Solenoid valve 2 way
3 Water tap	14 Coffee chamber	25 Steam boiler
4 Tube	15 Piston	26 Manometer
5 Anti return valve	16	27 Anti vacuum and security valve
6	17	28 Solenoid vave 3 way
7 Water pump	18 Coffee outlet	29 Solenoid valve 3 way
8 Flowmeter	19	30 Tube
9 Security valve	20	31 Tube
10 Boiler	21 Manometer	
11 Valve bloc	22 Solenoid valve 2 way	
12 Solenoid valve 2 way	23 Adjustable water tap	

Thermoplan AG

Schéma Hydraulic B&W CTS/CT/CTM

21.12.00 JPHAB

- C1 Capacitor 250V 20 MF
 D1 Diode 1N4007
 F1 Fuse 7A
 F2 Fuse 1A
 F3 Termo fuse 250V-10A-192°C
 F4 Termo fuse 250V-10A-192°C
 FLO Flowmeter
 M1 Moteur moulin 24 VDC
 M2 Mill motor 230 VAC-180W
 M3 Drive motor 24VDC-22W
 M4 Water pump motor 24VAC-45W
 M5 Milk pump motor 24VAC-45W
 MS Main switch 250V-16A
 NTC1 Coffe boiler sensor 10K
 NTC2 Milk container sensor 10K
 NTC3 Steam wand sensor 10K
 P1 Pressure switch 0.1A
 R1 Heating cartridge 230VAC-50W
 R2 Heating element 230VAC-2.3KW
 R3 Heating element 230VAC-2.5KW
 R4 Heating element 230VAC-1KW
 S1 Reset micro switch 0.1A
 SR Solid states relay 230VAC-25A
 SV1 Air valve 24VDC-16W
 SV2 Dampf valve 24VDC-16W
 SV3 Tea valve 24VDC-16W
 SV4 Mix valve 24VDC-16W
 SV5 Fill valve 24VDC-16W
 SV6 Brew valve 24VDC-16W
 SV7 Tea valve 24VDC-16W
 SV8 Air valve foamer 24DC-5W
 T1 Termical switch 125°C
 T2 Termical switch 125°C
 TC Capillary termical sw 165°C
 TR Transformer 130VA-230VAC/9/20
 WS Security water level control
 X20 AMP connector 19P
 X21 AMP connector 15P
 X22 Minifit 10P M+F
 X23 Faston 6.3 - 3P
 X24 Plug 3P Wieland 20A
 X25 Microfit 18P M+F

Diagram Easyline

