



VIA FABRIZIO DA MONTEBELLO 81 47892 GUALDICCIOLO
 TEL. (Italy): 0549 910511 (Int'l): ++378 910511 FAX 908549
 SAN MARINO

SCHEMA ELETTRICO ELECTRIC DRAWING ELEKTRISCHER SCHALTPLAN SCHEMA ELECTRIQUE ESQUEMA ELECTRICO

Modello Macchina
 Machine Model
 Maschine Modell
 Modele de la Machine
 Modelo Maquina

SPIROR HP

Numero Matricola
 Machine Serial Number
 Maschine Kennummer
 Numero de Matricule
 Numero de Matricula.....

Codice Impianto
 Control Box Code
 Anlage Nummer
 Code Cadre Electrique
 Codice Caja Eléctrica
 7450305417
 I.M.: 00 N.B.:

Tensione di alimentazione
 Power Supply Voltage
 Spannungsversorgung
 Voltage électrique
 Tension de Alimentacion

480V+ N + PE 50/60HZ

Potenza Installata
 Installed Power
 Installierte Leistung
 Puissance installée
 Potencia Instalada

2.3 kW

**ESECUZIONE
 SPECIALE**

Corrente Assorbita
 Absorbed Current
 Stromaufnahme
 Absorption Electrique
 Absorcion

9 A

Project Name: KN157701

For Robopac use ONLY

Per il costruttore del quadro elettrico:

- 1- costruire secondo specifica tecnica Robopac 50.1.1
- 2- controllare con scheda di collaudo Robopac
- 3- utilizzare tabella di conversione Robopac 50.3.1 per componenti alternativi

Emissione : Brizi A.
 Verifica : Guerra A.
 Approvazione : Laghi P.

Elenco pagine

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Distinta base
Bill of materials

SEF ID	Designazione Designation	Articolo Article	Costruttore Manufacturer	Q. ta' Amount	Cod. articolo Article number	Pag. /colon. Page/path
-A3	AUTOTRAF. /AUTOTRANSF.	0ATC40075	CE	1	0001346614D	/11. 0
-F0	BASE FUSIBILE/BASE FOR FUSE	1P 10, 3X38		3	0001352427E	/11. 1
-F0	FUSIBILE/FUSE	10, 3X38 GG 12A 500VAC		3	0001304222A	/11. 1
-QS1	INTERRUTTORE/SWITCH	SQ032004S	GIOVENZANA	1	0001310652A	/11. 1
-QS1	POLO/POLE	SQ032APER	GIOVENZANA	1	0099000294C	/11. 1
-QS1	MANIGLIA/HAND GRIP	SQ32 089-0001	GIOVENZANA	1	0001310680L	/11. 1
-QM1	MAGNETOTERMICO/THERMOMAG. SW.	3RV2011-0FA10	SIEMENS	1	00L0115978D	/12. 3
-QM1	CONTATTI AUS. /AUX. CONTACTS	3RV2901-2E	SIEMENS	1	00L0115998F	/12. 3
-QM2	MAGNETOTERMICO/THERMOMAG. SW.	3RV2011-1AA10	SIEMENS	1	00L0115983D	/12. 5
-QM2	CONTATTI AUS. /AUX. CONTACTS	3RV2901-2E	SIEMENS	1	00L0115998F	/12. 5
-U1	INVERTER	ATV312HU15M2	SCHNEIDER ELECTRIC	1	1730300015	/13. 2
-F1	BASE FUSIBILE/BASE FOR FUSE	1P 10, 3X38		2	0001352427E	/13. 2
-F1	FUSIBILE/FUSE	10, 3X38 GG 16A 500VAC		2	0001304189A	/13. 2
-R1	RESISTENZA/RESISTOR	RFC-60-300	MITSUBISHI	1	0001348723G	/13. 4
-U2	INVERTER	ATV312H075M2	SCHNEIDER ELECTRIC	1	1730300014	/14. 2
-F2	BASE FUSIBILE/BASE FOR FUSE	1P 10, 3X38		2	0001352427E	/14. 2
-F2	FUSIBILE/FUSE	10, 3X38 GG 12A 500VAC		2	0001304222A	/14. 2
-FR1	RELE' TERMICO/THERMORELAY	3RU2116-1CC1	SIEMENS	1	00L0115969E	/14. 2
-FR2	RELE' TERMICO/THERMORELAY	3RU2116-1CC1	SIEMENS	1	00L0115969E	/14. 4
-GS1	POWER SUPPLY	SPD13-2405	CE	1	0001346618C	/15. 2
-K6	RELE' /RELAY	405270240000	FINDER	1	0001300823B	/15. 8
-K6	VARISTORE/VARISTOR	99-02-9-024-99	FINDER	1	0001300822L	/15. 8
-K6	ZOCCOLO/SOCKET	95.05	FINDER	1	0001300804B	/15. 8
-K6	MOLLA/SPRING	095-71	FINDER	1	0001300807H	/15. 8
-U3	PLC	1766-L32BXBA	ALLEN BRADLEY	1	1374310045	/16. 1


Distinta base
Bill of materials

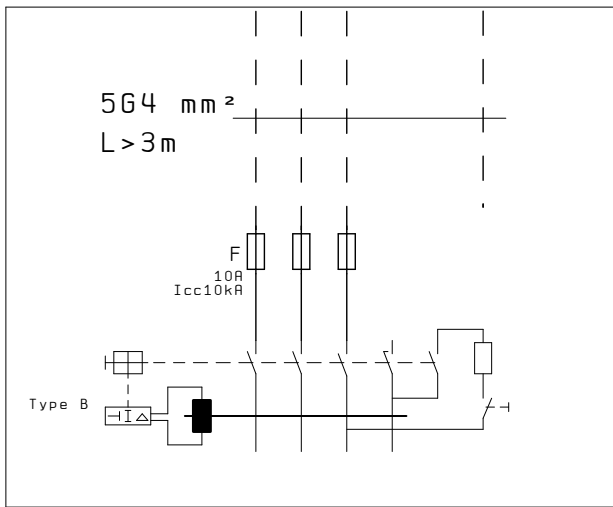
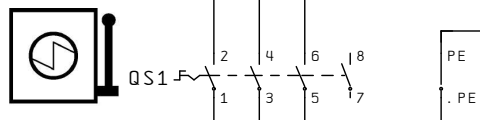
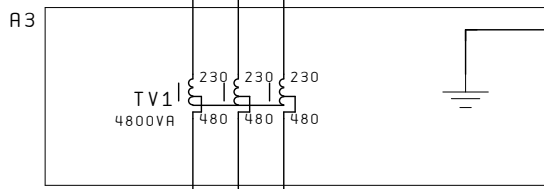
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-U3	SOFTWARE	KN157701	ROBOPAC	1	1550301718	/16. 1
-U4	MODULO/MODULE	1762-I08	ALLEN BRADLEY	1	1374310046	/16. 5
-U5	MODULO/MODULE	1762-0B16	ALLEN BRADLEY	1	1374310049	/16. 6
-U6	MODULO SICUR. /SAFETY RELAY	CS-AT-32V024	PIZZATO	1	1400300004	/17. 0
-SB4	PULSANTE/BUTTON	M22-PV-K11	EATON	1	0001349507A	/17. 2
-A1	PULSANTE/BUTTON	M22-PV-KC11-IY	EATON	1	0001359508E	/17. 2
-SQ6	FINECORSА/ENDSTROKE	FR-993-K70	PIZZATO	1	0001301153A	/17. 5
-SQ6	CHIAVE/KEY	VF-KEY-D1	PIZZATO	1	0001309268D	/17. 5
-SQ7	FINECORSА/ENDSTROKE	FR-993-K70	PIZZATO	1	0001301153A	/17. 5
-SQ7	CHIAVE/KEY	VF-KEY-D1	PIZZATO	1	0001309268D	/17. 5
-K1	CONTATTORE/CONTACTOR	3RT2017-2BB42	SIEMENS	1	00L01160656	/17. 8
-K1	CONTATTI AUS. /AUX. CONTACTS	3RH2911-2HA11	SIEMENS	1	00L0116096C	/17. 8
-U7	TOUCH SCREEN	2711P-T6C5D8	ALLEN BRADLEY	1	00L0182993	/18. 2
-U7	CAVO/CABLE			1	0741300060	/18. 2
-B1	FOTOCPELLULA/PHOTOCELL	VL18-4P3440-6013587	SICK	1	0001310180H	/19. 0
-B1	CATARIFRANGENTE/REFLECTOR	PL20A-1012719	SICK	1	0001310181A	/19. 0
-B2	FOTOCPELLULA/PHOTOCELL	VL18-4P3440-6013587	SICK	1	0001310180H	/19. 1
-B2	CATARIFRANGENTE/REFLECTOR	PL20A-1012719	SICK	1	0001310181A	/19. 1
-SQ1	FINECORSА\PROXIMITY MICROSW.	NBB5-18GM50-E2V1	PEPPERL+FUCHS	1	0001309154B	/19. 4
-B3	FOTOCPELLULA/PHOTOCELL	VL18-4P3440-6013587	SICK	1	0001310180H	/19. 5
-B3	CATARIFRANGENTE/REFLECTOR	PL40A-1012720	SICK	1	0001310195A	/19. 5
-SQ2	FINECORSА\PROXIMITY MICROSW.	NBB5-18GM50-E2V1	PEPPERL+FUCHS	1	0001309154B	/19. 6
-SQ3	FINECORSА\PROXIMITY MICROSW.	NBB5-18GM50-E2V1	PEPPERL+FUCHS	1	0001309154B	/19. 7
-SQ4	FINECORSА/MICROSWITCH	FEK-110A0R-P316-5000	SHIELD	1	0001300801E	/19. 8
-SQ4	SUPPORTO/SUPPORT	FA45-01	SHIELD	1	0001300802G	/19. 8



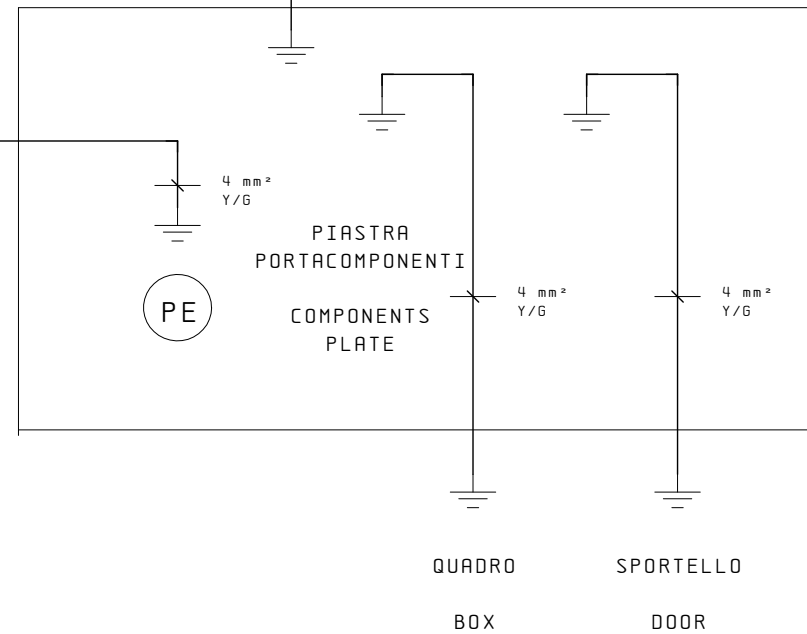
Distinta base
Bill of materials

SEF ID	Designazione Designation	Articolo Article	Costruttore Manufacturer	Q. ta' Amount	Cod. articolo Article number	Pag. /colon. Page/path
-SQ5	FINECORSA/MICROSWITCH	FEK-110A0R-P316-5000	SHIELD	1	0001300801E	/20. 0
-SQ5	SUPPORTO/SUPPORT	FA45-01	SHIELD	1	0001300802G	/20. 0
-SB1	PULSANTE/BUTTON	M22-D-W	EATON	1	0001307116L	/21. 2
-SB1	SUPPORTO/SUPPORT	M22-A	EATON	1	0001300700A	/21. 2
-SB1	CONTATTO/CONTACT	M22-K10	EATON	1	0001300698F	/21. 2
-SB2	PULSANTE/BUTTON	M22-D-S	EATON	1	0001300762B	/21. 3
-SB2	SUPPORTO/SUPPORT	M22-A	EATON	1	0001300700A	/21. 3
-SB2	CONTATTO/CONTACT	M22-K01	EATON	1	0001300699H	/21. 3
-SB3	PULSANTE/BUTTON	M22-D-B	EATON	1	0001300696B	/21. 4
-SB3	SUPPORTO/SUPPORT	M22-A	EATON	1	0001300700A	/21. 4
-A2	PULSANTE/BUTTON	M22-D-G-X1-KC11-I	EATON	1	0001300752A	/22. 0
-K2	CONTATTORE/CONTACTOR	3RT2016-2BB41	SIEMENS	1	00L0116063C	/23. 1
-K3	CONTATTORE/CONTACTOR	3RT2016-2BB41	SIEMENS	1	00L0116063C	/25. 5
	SCHEDA RELE' /RELAY CARD	MR-2-24-PLS	DIPIEMME	2	1580310005	/26. 1
W9	CONNETTORE/CONNECTOR	V1-G-5M-PVC	PEPPERL+FUCHS	1	0001349743A	/19. 0
W10	CONNETTORE/CONNECTOR	V1-G-5M-PVC	PEPPERL+FUCHS	1	0001349743A	/19. 1
W12	CONNETTORE/CONNECTOR	V1-W-5M-PVC	PEPPERL+FUCHS	1	0001348712D	/19. 4
W13	CONNETTORE/CONNECTOR	V1-G-5M-PVC	PEPPERL+FUCHS	1	0001349743A	/19. 5
W14	CONNETTORE/CONNECTOR	V1-W-5M-PVC	PEPPERL+FUCHS	1	0001348712D	/19. 6
W15	CONNETTORE/CONNECTOR	V1-W-5M-PVC	PEPPERL+FUCHS	1	0001348712D	/19. 7

		S/N	7450305417				
		Mod.	SPIROR HP				
		w.d.					
N.		Ref.		 <input type="text"/> Kg			
Un	480	V	Ph	3	f	50/60	Hz
In	9	A	Ik	10	Ka		
Data					By		

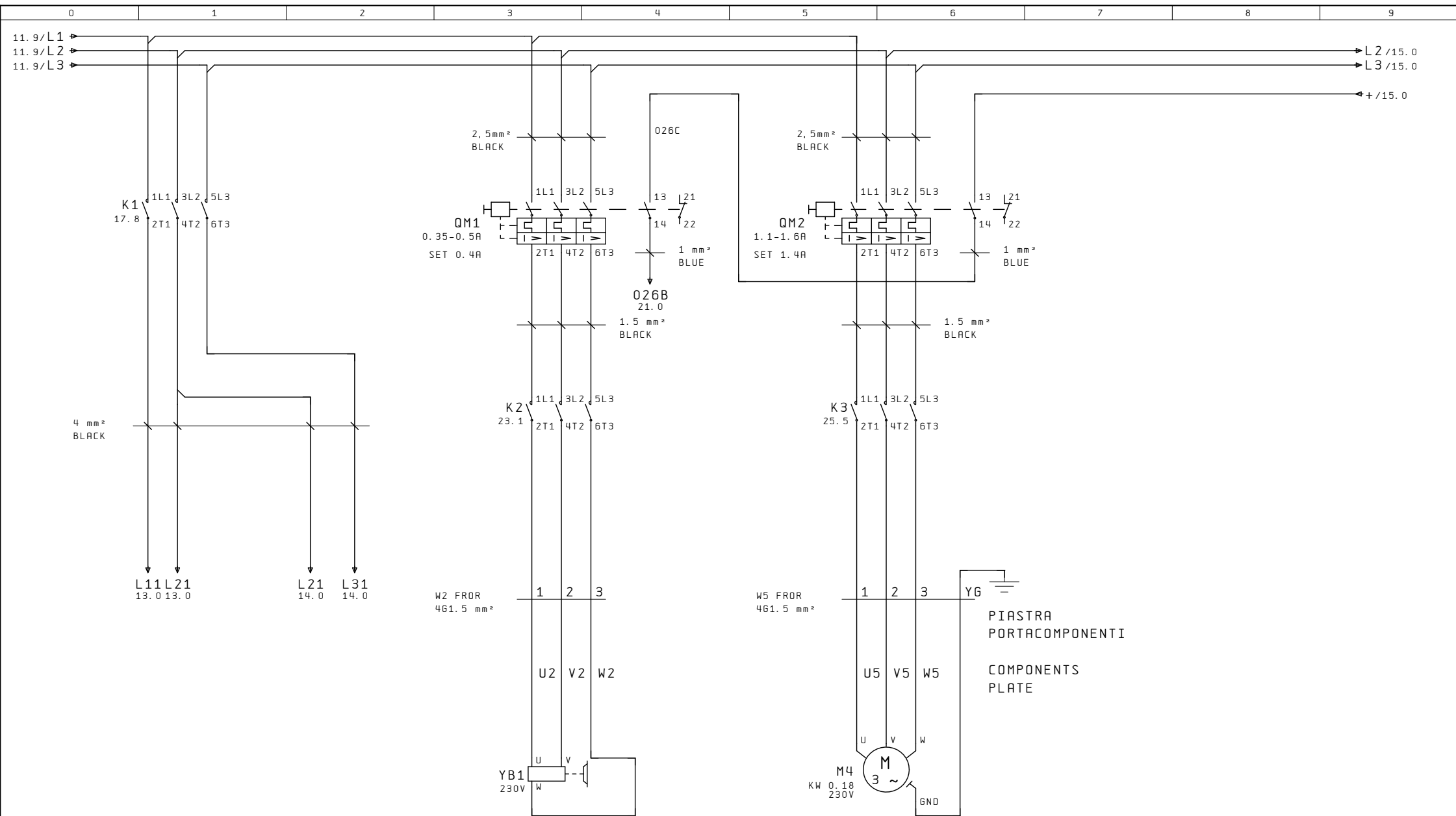


A CURA DEL CLIENTE
CUSTOMER CARE



TENSIONE DI ALIMENTAZIONE
480V + N + PE

POWER SUPPLY VOLTAGE 480V
+ N + PE



ALIMENTAZIONE
INVERTER ROTAZIONE

ROTATION INVERTER
POWER SUPPLY

ALIMENTAZIONE
INVERTER TRAINO

CONVEYOR INVERTER
POWER SUPPLY

FRENO MOTORE ROTAZIONE

ROTATION MOTOR BRAKE

MOTORE TAGLIO

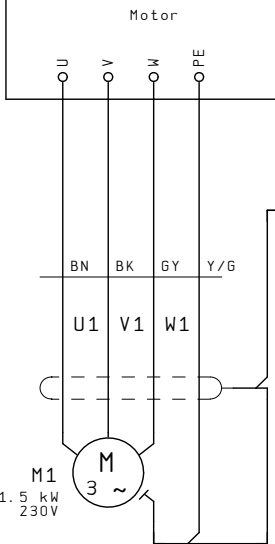
MOTOR CUT

12.1/L11
12.1/L21

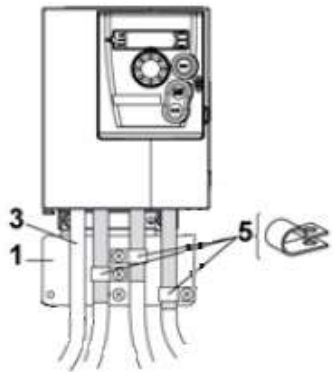


U1
1.5kW/2HP

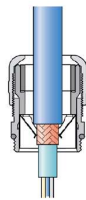
Mains 200-240VAC
50/60Hz
Schneider Electric ALTIVAR
ATV312HU15M2



MOTORE ROTAZIONE
ROTATION MOTOR

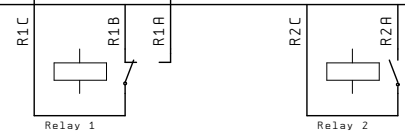


- 1 - PIASTRA EMC
- 3 - CAVI NON SCHERMATI
- 5 - CAVI SCHERMATI

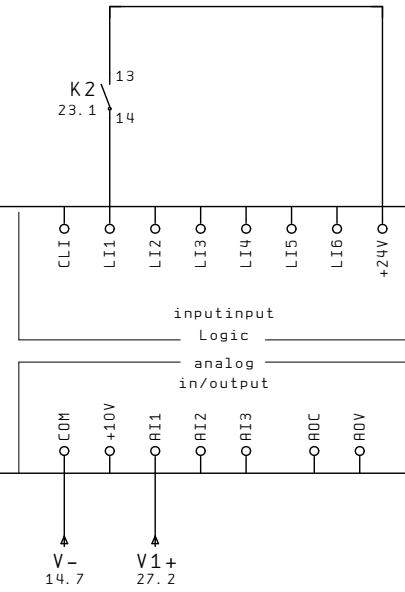


CIRCUITO DI POTENZA
POWER CIRCUIT

15.0 +
14.4
014A



SOURCE
CLI
SINK



CODE: 3709302973

DATE 05. Giu. 2017

TOTAL
39

PREV.
12

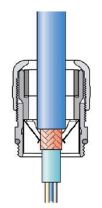
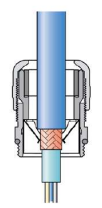
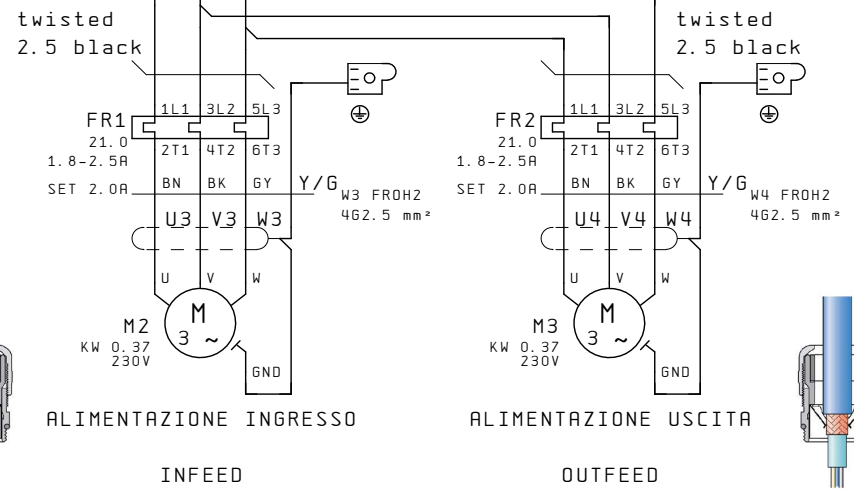
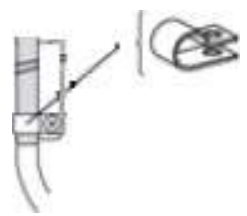
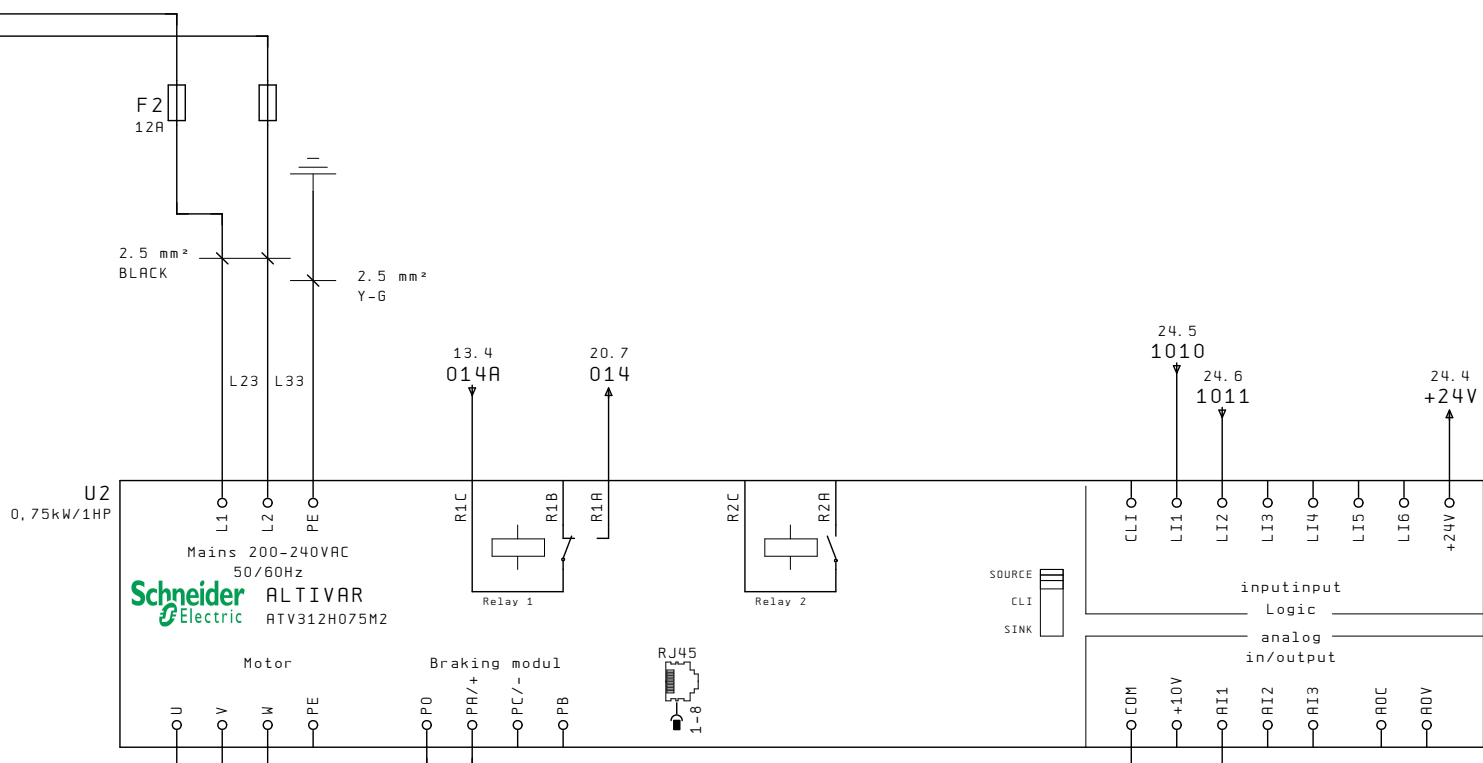
SUBS.
14

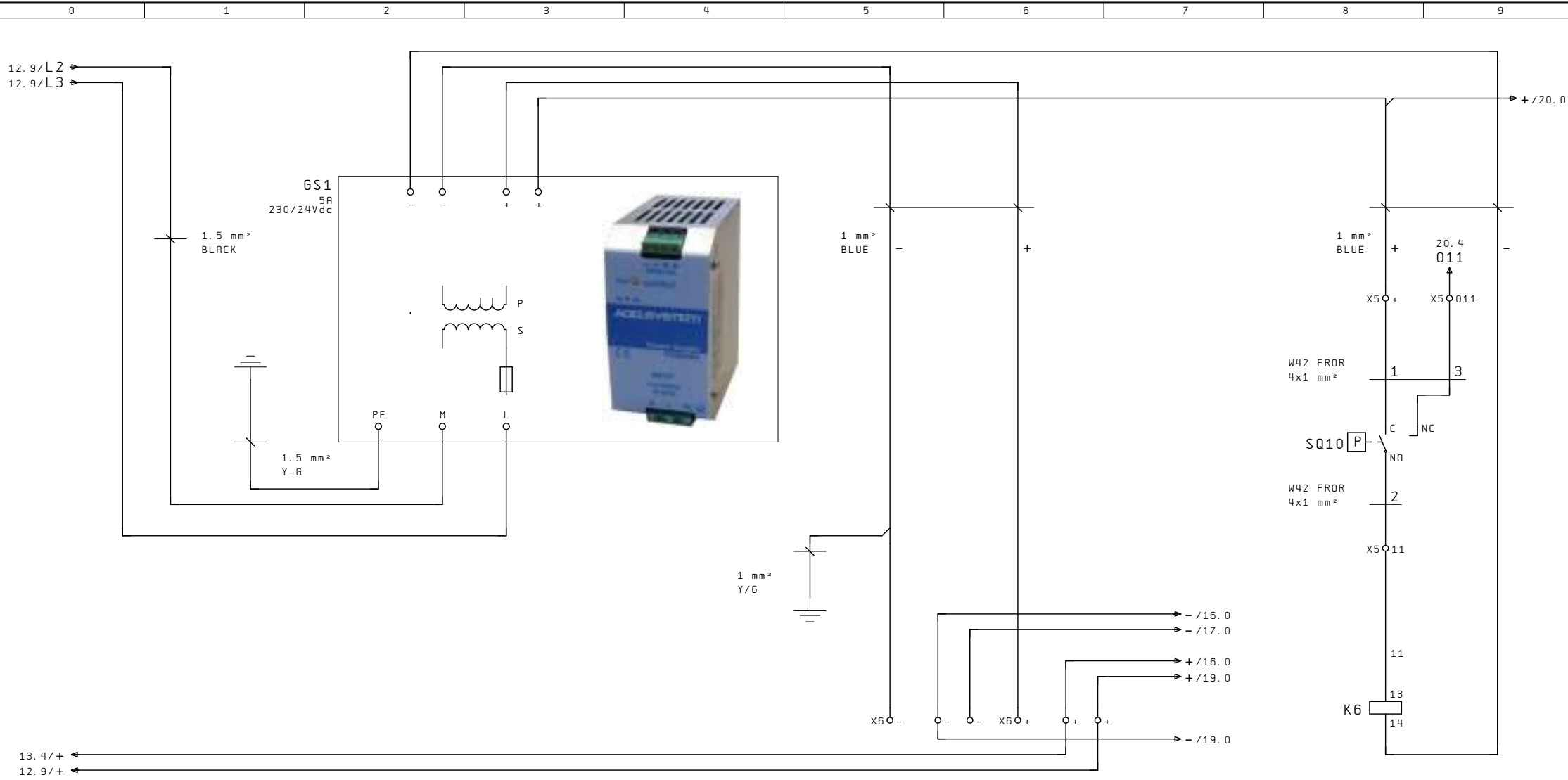
SPIROR HP

PAGE

13

12. 2/L21
12. 2/L31

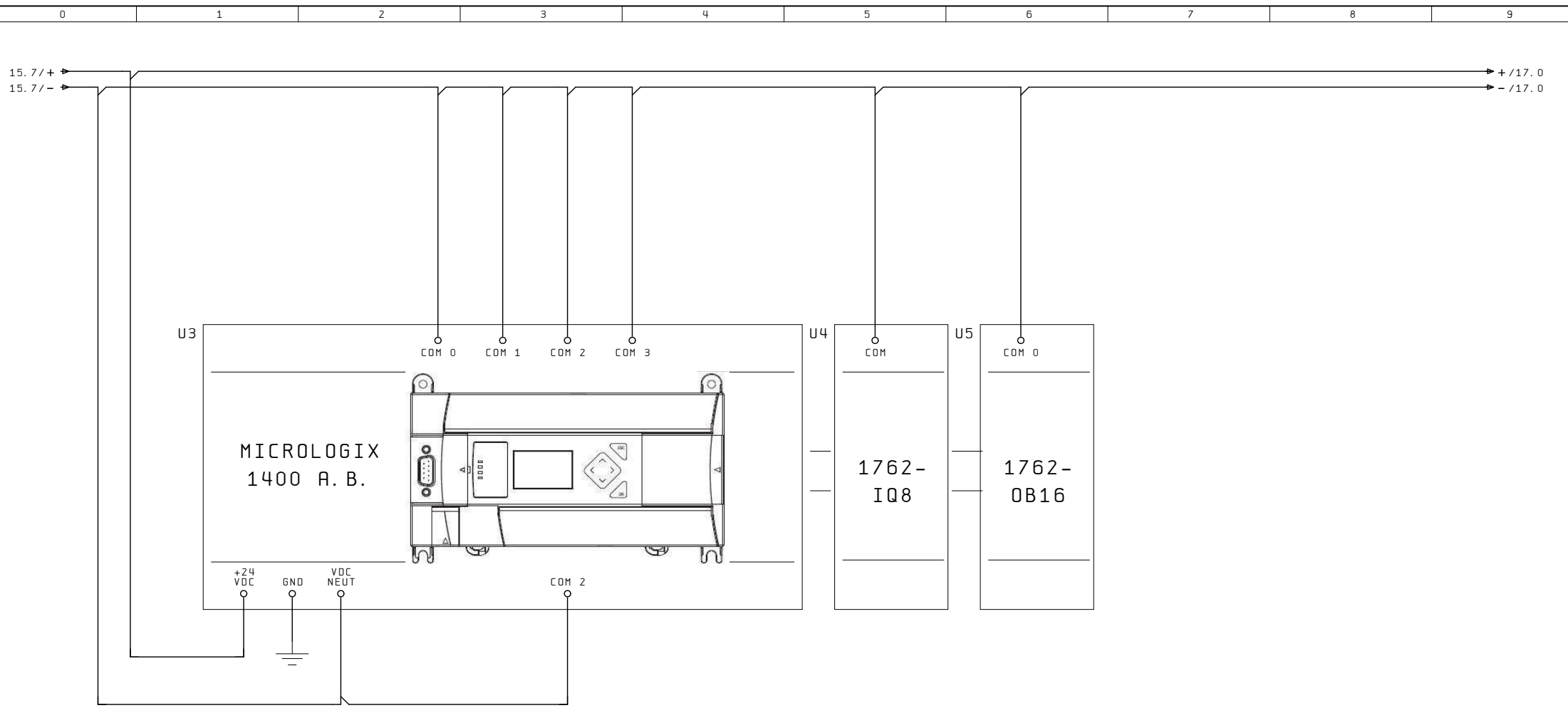




ALIMENTATORE 230 VAC/24 Vdc
POWER SUPPLY 24Vdc

CIRCUITO AUSILIARIO
AUXILIARY CIRCUIT

PRESSOSTATO
PRESSURE SWITCH



LOGICA PROGRAMMABILE

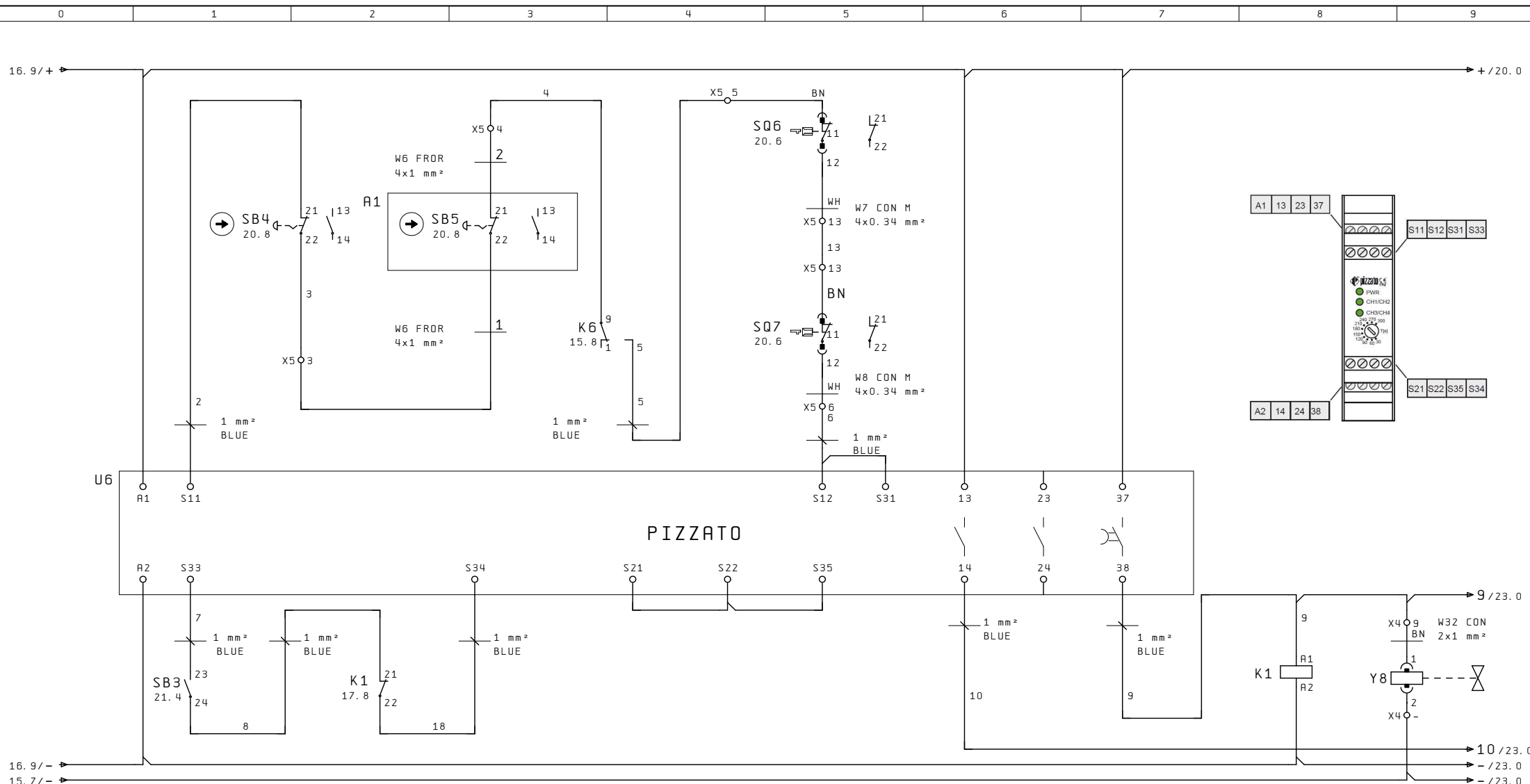
ESPANSIONE INGRESSI

ESPANSIONE USCITE

PLC

INPUT EXPANSION

OUTPUT EXPANSION



ALIMENTAZIONE MODULO
SICUREZZA

CATENA EMERGENZA
EMERGENCY CHAIN

SAFETY MODULE POWER
SUPPLY

CATENA
RIPARI
SAFETY GUARD
CHAIN

USCITA
SICURA
SAFETY
OUTPUT

USCITA
SICURA
RITARDATA
SAFETY
OUTPUT
DELAYED

ALIMENTAZIONE SCARICO
INVERTERS ARIA
INVERTERS AIR
POWER SUPPLY EXHAUST

- 1L1 - 2T1 12.1
- 21 - 22 17.2
- 31 - 32 20.5
- 3L2 - 4T2 12.1
- 5L3 - 6T3 12.1



DISPOSITIVI DI SICUREZZA
SAFETY DEVICES

CODE: 3709302973

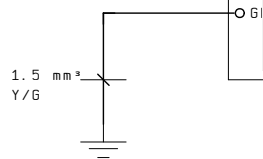
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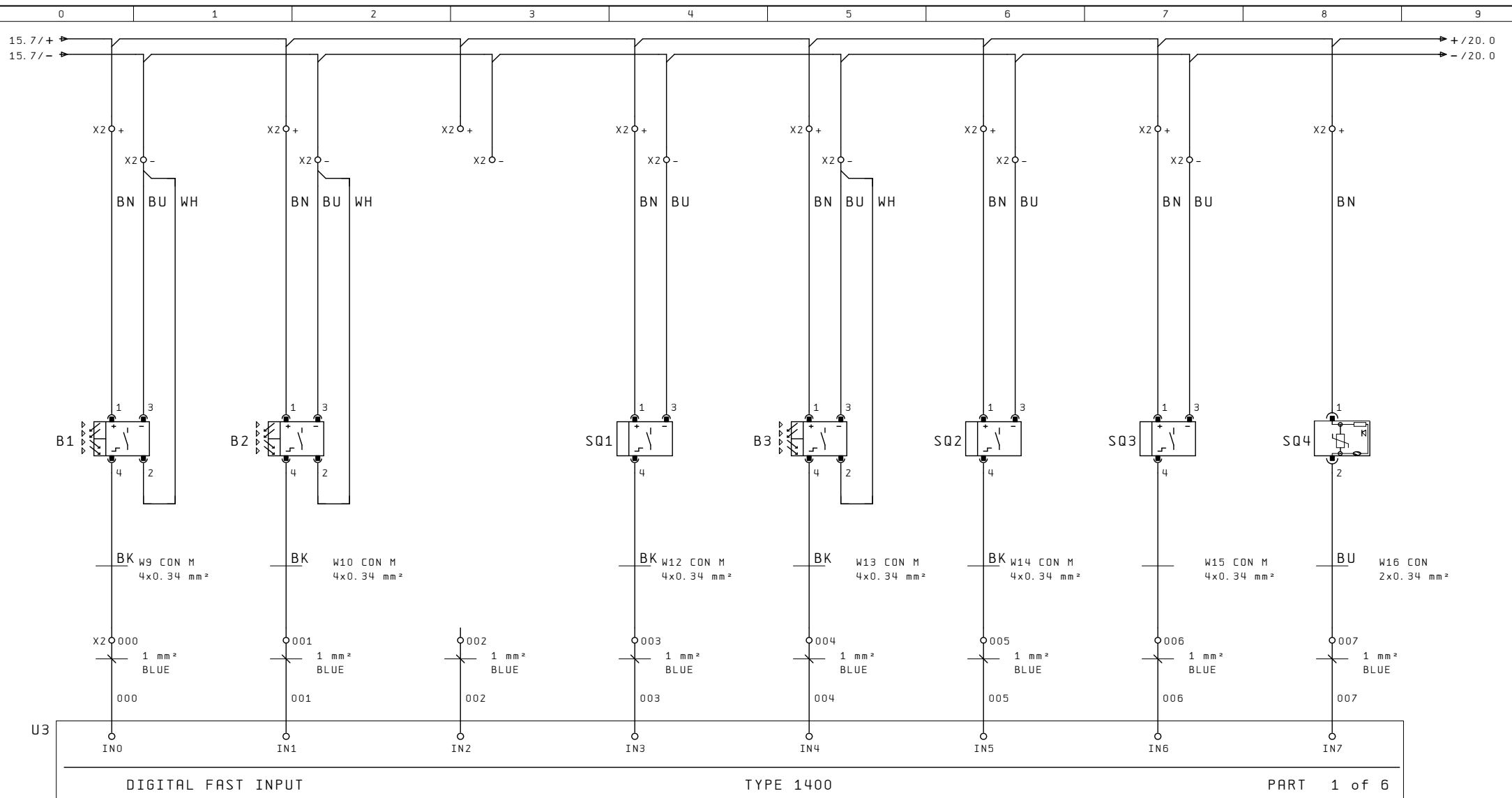
TOTAL 39
PREV. 16
SUBS. 18

SPIROR HP

PAGE 17

U7





DIGITAL FAST INPUT

TYPE 1400

PART 1 of 6

INGRESSO
PRODOTTO

PRODUCT
INPUT

USCITA
PRODOTTO

PRODUCT
OUTPUT

FASE
ROTAZIONE

START-POSITION
SET

AUTOASSESTANTI

SELF-ADJUSTING

FASE TAGLIO

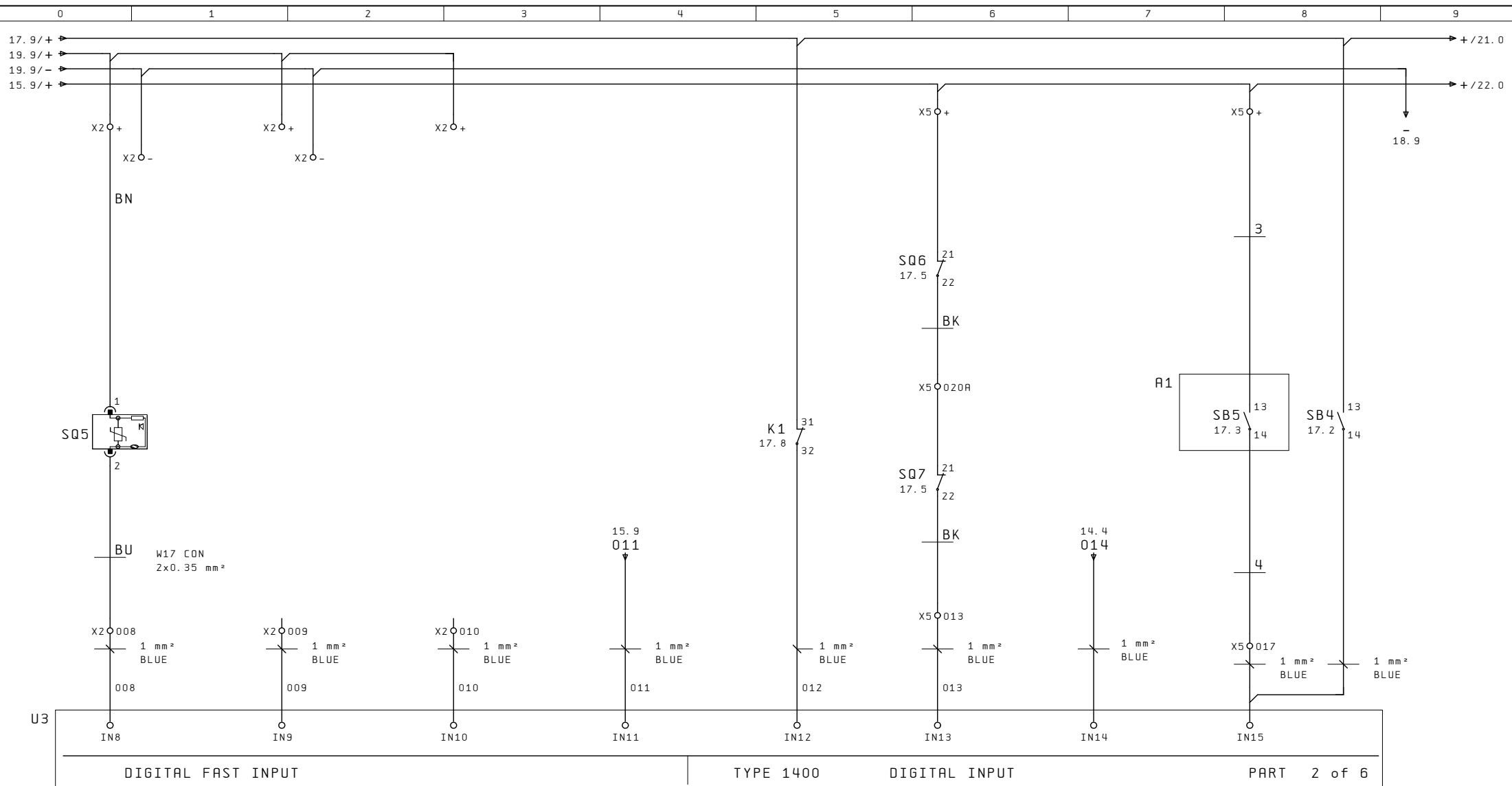
PHASE CUT

FASE
CAMBIO BOBINA

COIL
CHANGE PHASE

PINZA
AVANTI

CLAMP
FORWARD



DIGITAL FAST INPUT

TYPE 1400

DIGITAL INPUT

PART 2 of 6

PINZA
CHIUSA

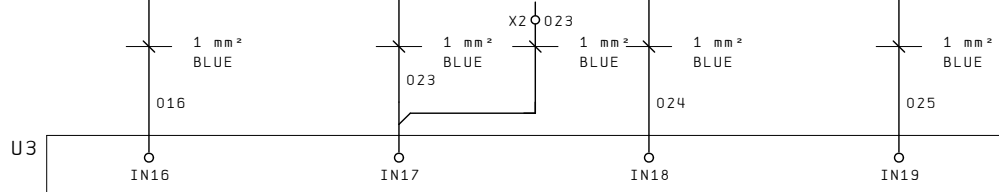
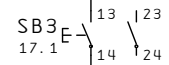
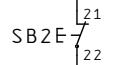
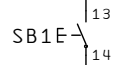
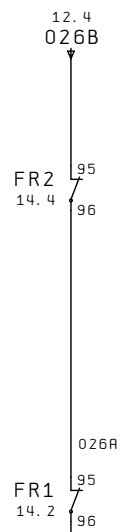
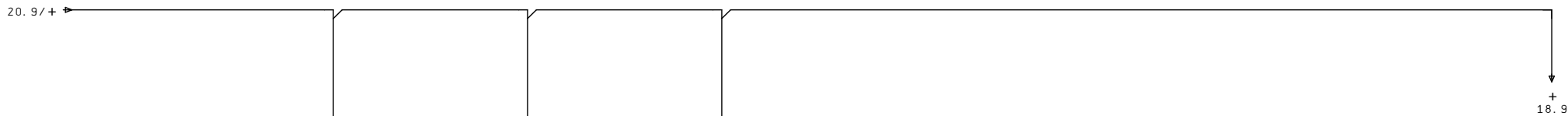
PRESSOSTATO
PRESSURE SWITCH

RETRAZIONE
EMERGENZA
EMERGENCY
FEEDBACK

SICUREZZA
PORTE
DOORS
SAFETY

FAULT'S
INVERTERS

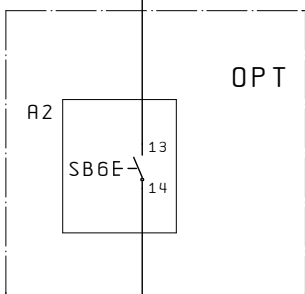
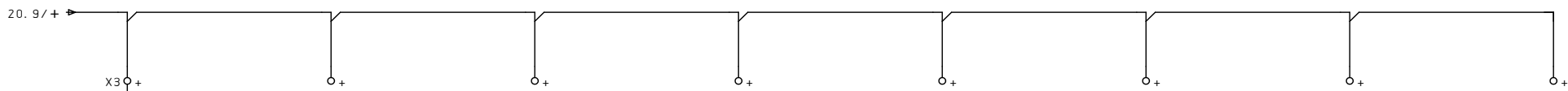
EMERGENZA
EMERGENCY



TYPE 1400

PART 3 of 6

ALLARME TERMICO	START	STOP	RESET
THERMIC ALARM	START	STOP	RESET



1 W33 FROR
4x1 mm²

X3 030 1 mm²
BLUE

X3 031 1 mm²
BLUE

X3 032 1 mm²
BLUE

X3 033 1 mm²
BLUE

X3 034 1 mm²
BLUE

X3 035 1 mm²
BLUE

X3 036 1 mm²
BLUE

X3 037 1 mm²
BLUE

U4

INO IN1 IN2 IN3 IN4 IN5 IN6 IN7

DIGITAL INPUT

TYPE 1762-IQ8

PART 1 of 1

PRODOTTO PRONTO
PER ENTRATA

PRONTO A RICEVERE
IN USCITA

FINE USCITA
PRODOTTO

RICHIAMO
PROGRAMMI 1

RICHIAMO
PROGRAMMI 2

RICHIAMO
PROGRAMMI 3

RICHIAMO
PROGRAMMI 4

READY PRODUCT
FOR INPUT

READY FOR
OUTPUT

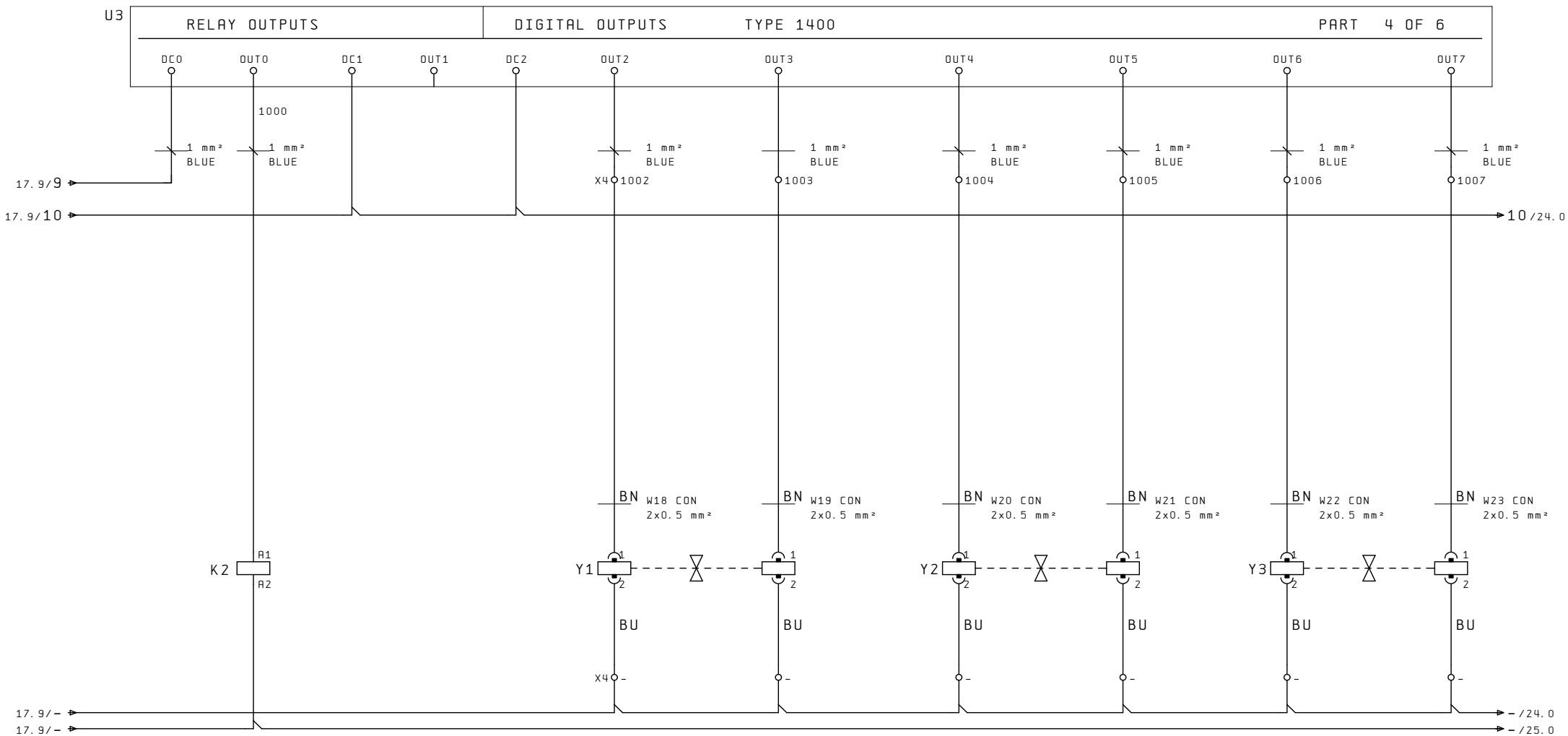
OUTPUT PRODUCT
END

PROGRAMS
RECALL 1

PROGRAMS
RECALL 2

PROGRAMS
RECALL 3

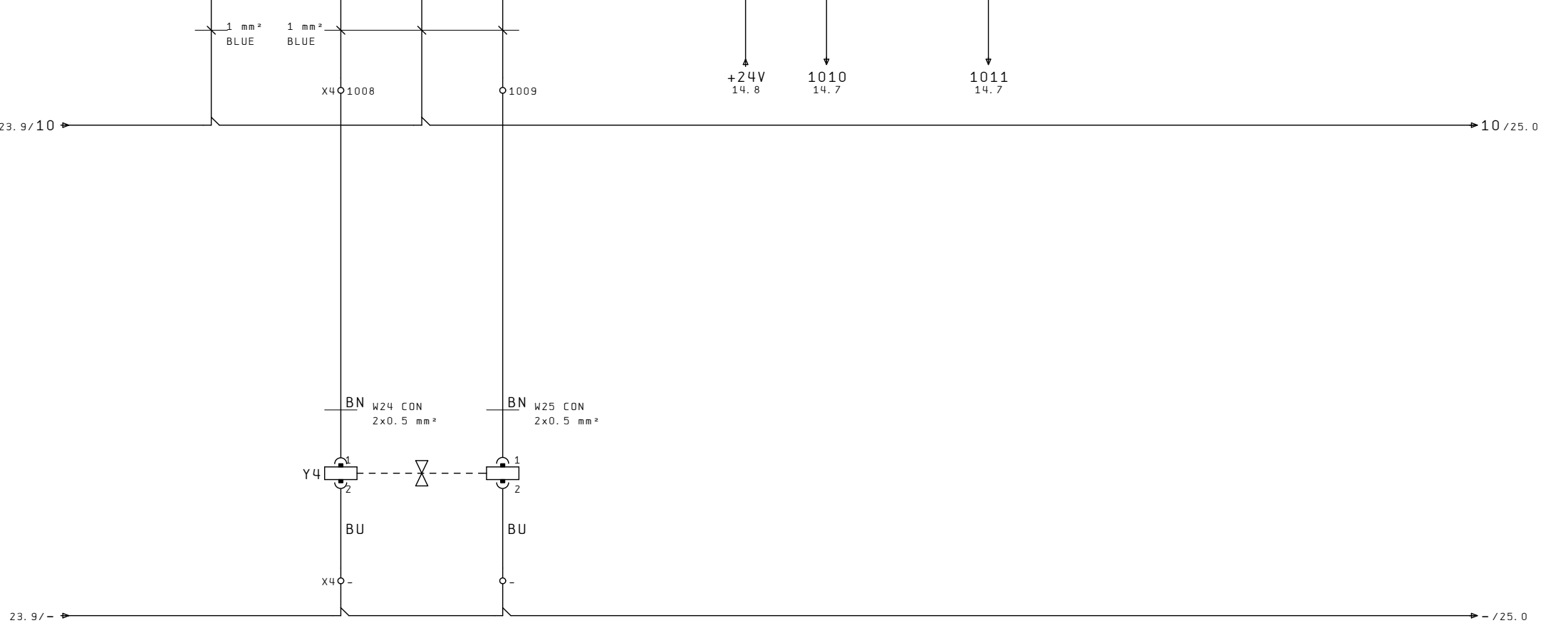
PROGRAMS
RECALL 4



13 --- 14 13.7
 1L1 --- 2T1 12.3
 3L2 --- 4T2 12.3
 5L3 --- 6T3 12.4

FRENO MOTORE ROTAZIONE	AVANZAMENTO PINZA	ARRETRAMENTO PINZA	APERTURA PINZA	CHIUSURA PINZA	SALITA PRESSORE INGRESSO	DISCESA PRESSORE INGRESSO
ROTATION MOTOR BRAKE	CLAMP FORWARD	CLAMP MOVE BACK	OPENING CLAMP	CLOSING CLAMP	INPUT PRESSER RISE	INPUT PRESSER FALL

U3 RELAY OUTPUTS TYPE 1400 PART 5 OF 6



SALITA
PRESSORE
USCITA

OUTPUT
PRESSER
RISE

DISCESA
PRESSORE
USCITA

OUTPUT
PRESSER
FALL

CONVOGLIATORI
AVANTI

FORWARD
CONVEYORS

CONVOGLIATORI
INDIETRO

BACKWARD
CONVEYORS

USCITE PLC
PLC OUTPUTS

CODE: 3709302973

DATE 05. Giu. 2017

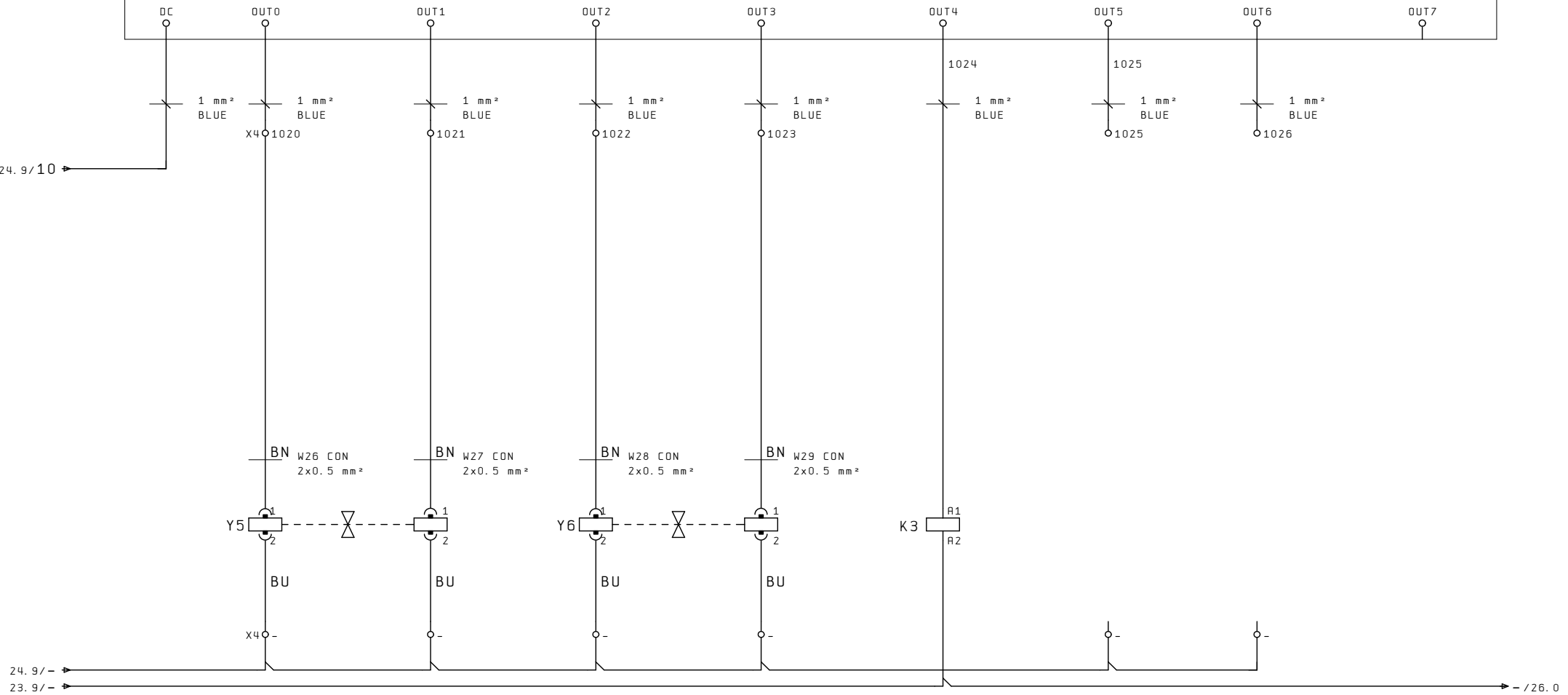
TOTAL 39	PREV. 23	SUBS. 25
-------------	-------------	-------------

SPIROR HP

PAGE 24



U5 OUTPUTS TYPE 1762-OB16 PART 1 OF 2



1L1 → 2T1 12.5
 3L2 → 4T2 12.6
 5L3 → 6T3 12.6

APERTURA AUTOSSESTANTE INGRESSO	CHIUSURA AUTOSSESTANTE INGRESSO	APERTURA AUTOSSESTANTE USCITA	CHIUSURA AUTOSSESTANTE USCITA	MOTORE TAGLIO	LIBERO	LIBERO
OPENING SELF-ADJUSTING INPUT	CLOSING SELF-ADJUSTING INPUT	OPENING SELF-ADJUSTING OUTPUT	CLOSING SELF-ADJUSTING OUTPUT	MOTOR CUT	AVAILABLE	AVAILABLE



USCITE PLC
 PLC OUTPUTS

CODE: 3709302973

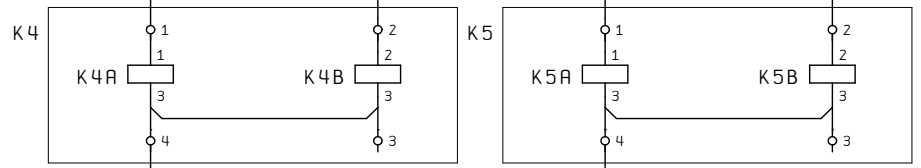
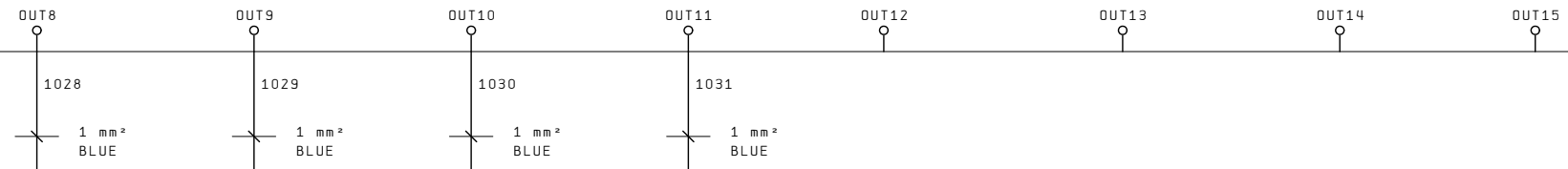
DATE 05. Giu. 2017

TOTAL 39	PREV. 24	SUBS. 26
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SPIROR HP

PAGE 25

U5 OUTPUTS TYPE 1762-OB16 PART 2 OF 2

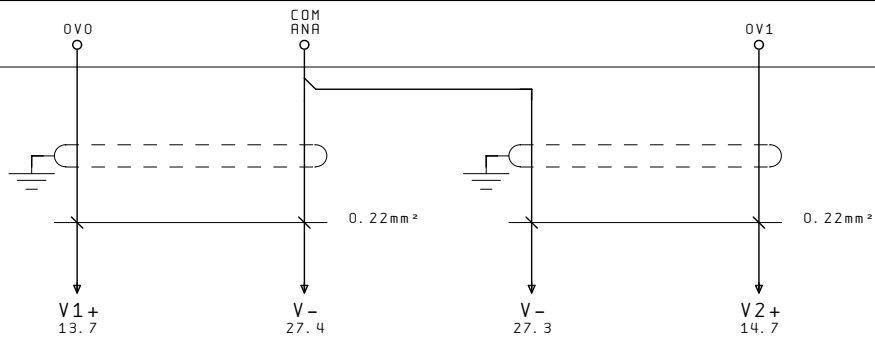


25. 9/-



LIBERO AVAILABLE	PRONTO A RICEVERE IN ENTRATA READY FOR INPUT	FINE ENTRATA PRODOTTO INPUT PRODUCT END	PRODOTTO PRONTO PER USCITA READY PRODUCT FOR OUTPUT
---------------------	---	--	--

U3 ANALOGIC OUTPUT TYPE 1400 PART 6 OF 6



CONTROLLO VELOCITA
MOTORE ROTAZIONE

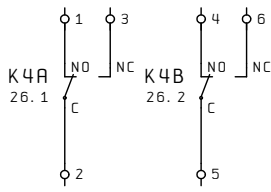
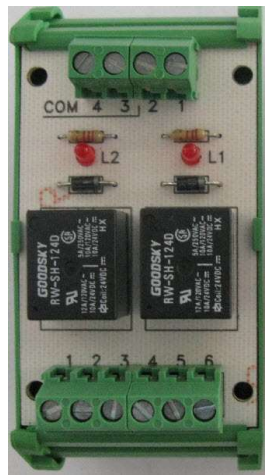
ROTATION MOTOR
SPEED CONTROL

CONTROLLO VELOCITA
MOTORI CONVOGLIATORI

CONVEYORS MOTORS
SPEED CONTROL

"SEGNALI DA "" MACCHINA AVVOLGITRICE "" AL CLIENTE "" TRASPORTATORE "" "
 "SIGNAL FROM ""WRAPPING MACHINE"" TO CUSTOMER ""CONVEYOR"" "

K4

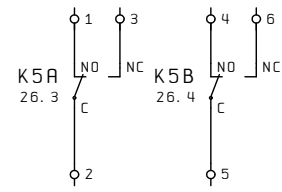
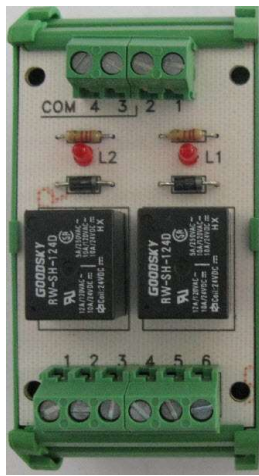


LIBERO
 AVAILABLE

PRONTO A RICEVERE
 IN ENTRATA

READY FOR
 INPUT

K5



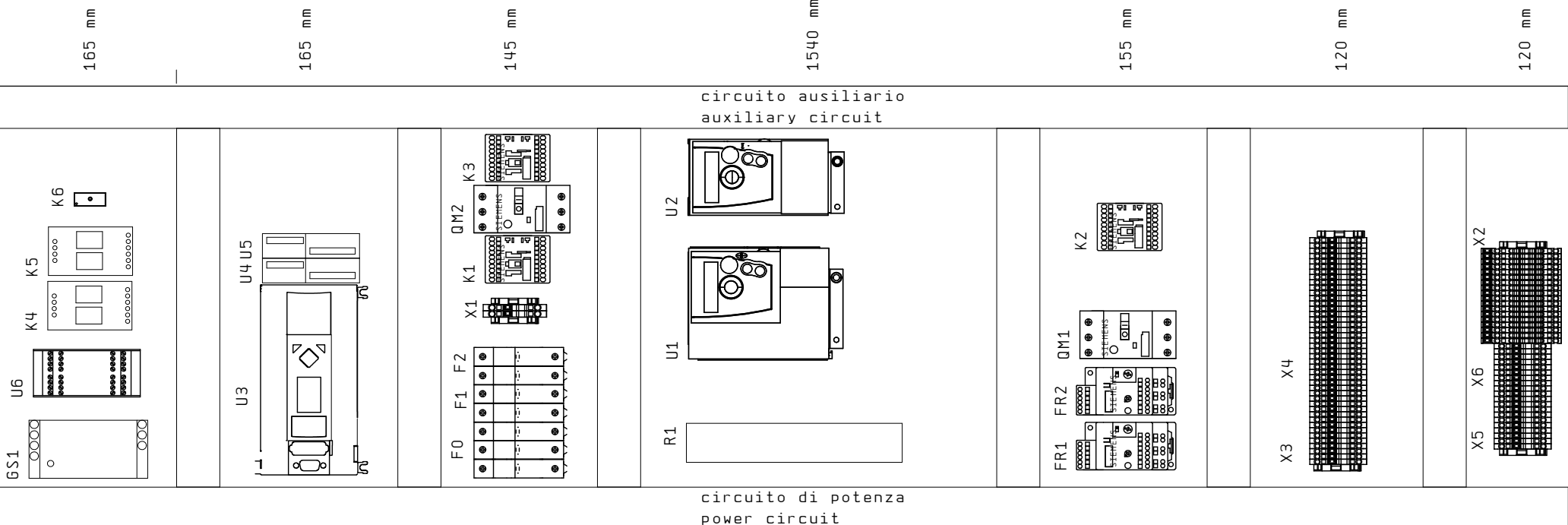
FINE ENTRATA
 PRODOTTO

INPUT PRODUCT
 END

PRODOTTO PRONTO
 PER USCITA

READY PRODUCT
 FOR OUTPUT

QE



MORSETTI:
 4 mmq 281-901
 2.5 mmq 280-901
 2.5 mmq doppi 280-520
 blocco 249-116

CASSETTA

U7

SB2

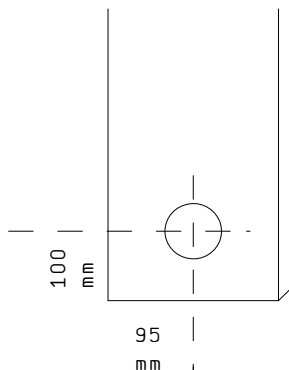
SB4

QS1

SB3

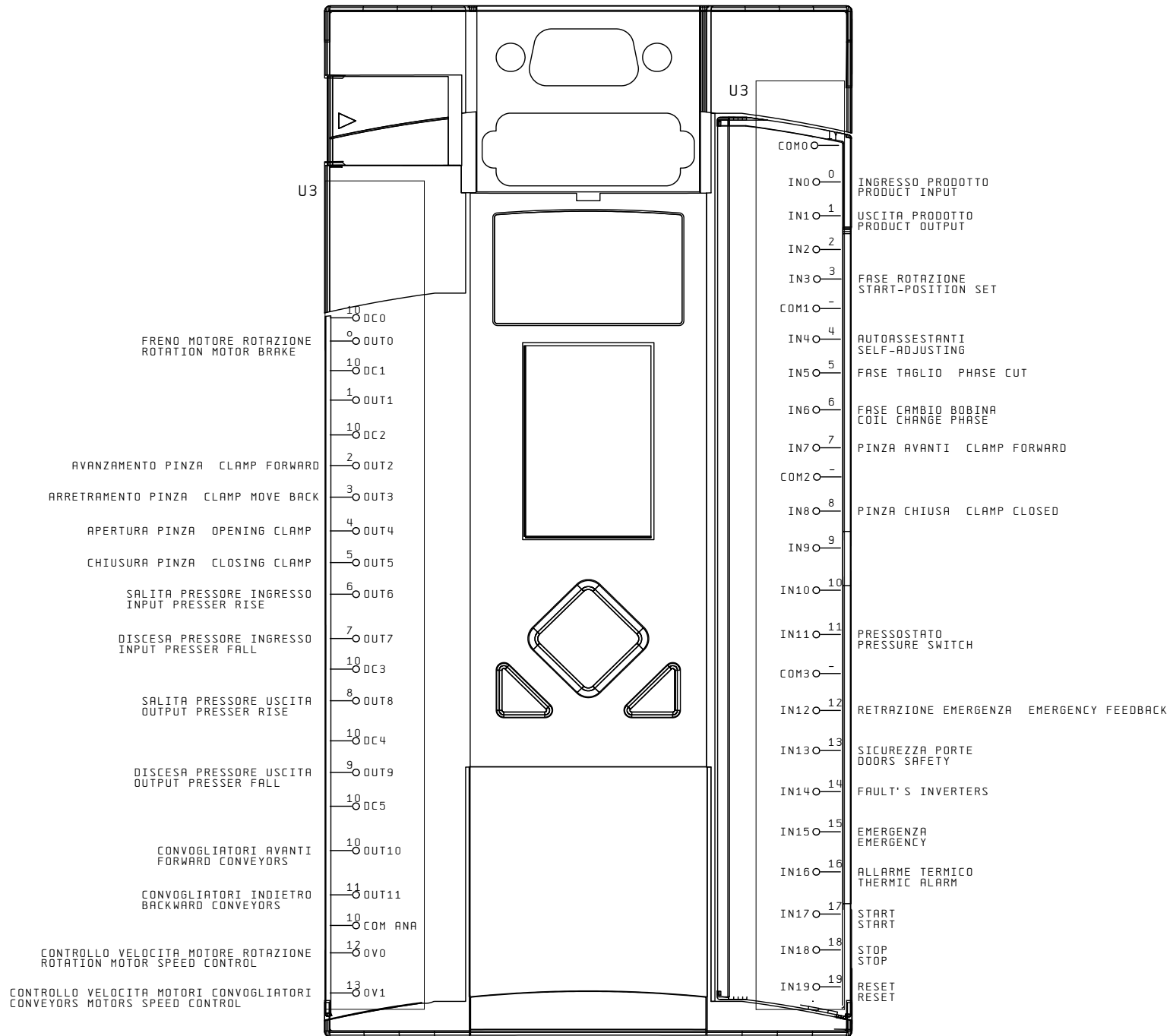
SB1

La guaina in uscita dal quadro, deve essere lunga 600 mm. I cavi devono fuoriuscire dalla guaina lato trasformatore di 1000 mm.

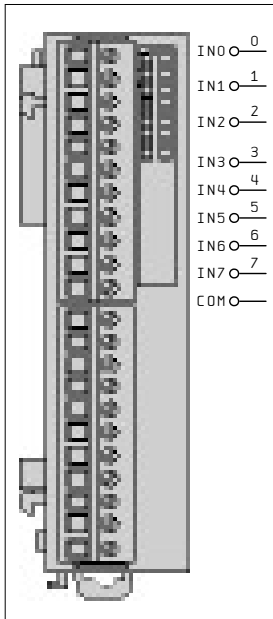


USCITA CAVI MOTORE

USCITA CAVI ELETTROVALVOLE
USCITA CAVI SENSORI

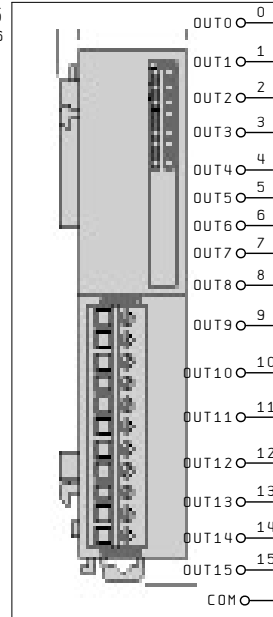


U4
1762I08



- IN0 0 PRODOTTO PRONTO PER ENTRATA
READY PRODUCT FOR INPUT
- IN1 1 PRONTO A RICEVERE IN USCITA
READY FOR OUTPUT
- IN2 2 FINE USCITA PRODOTTO
OUTPUT PRODUCT END
- IN3 3
- IN4 4 RICHIAMO PROGRAMMI 1 PROGRAMS RECALL 1
- IN5 5 RICHIAMO PROGRAMMI 2 PROGRAMS RECALL 2
- IN6 6 RICHIAMO PROGRAMMI 3 PROGRAMS RECALL 3
- IN7 7 RICHIAMO PROGRAMMI 4 PROGRAMS RECALL 4
- COM -

U5
17620B16



- OUT0 0 APERTURA AUTOASSESTANTE INGRESSO
OPENING SELF-ADJUSTING INPUT
- OUT1 1 CHIUSURA AUTOASSESTANTE INGRESSO
CLOSING SELF-ADJUSTING INPUT
- OUT2 2 APERTURA AUTOASSESTANTE USCITA
OPENING SELF-ADJUSTING OUTPUT
- OUT3 3 CHIUSURA AUTOASSESTANTE USCITA
CLOSING SELF-ADJUSTING OUTPUT
- OUT4 4 MOTORE TAGLIO MOTOR CUT
- OUT5 5 LIBERO
AVAILABLE
- OUT6 6 LIBERO
AVAILABLE
- OUT7 7 LIBERO
AVAILABLE
- OUT8 8 LIBERO
AVAILABLE
- OUT9 9 PRONTO A RICEVERE IN ENTRATA
READY FOR INPUT
- OUT10 10 FINE ENTRATA PRODOTTO
INPUT PRODUCT END
- OUT11 11 PRODOTTO PRONTO PER USCITA
READY PRODUCT FOR OUTPUT
- OUT12 12
- OUT13 13
- OUT14 14
- OUT15 15
- COM -

QE

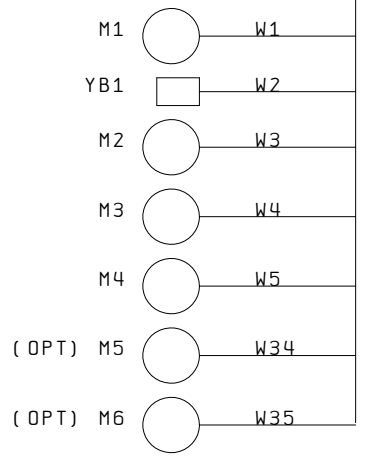
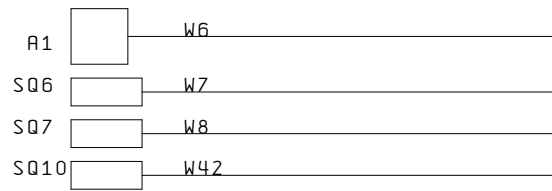
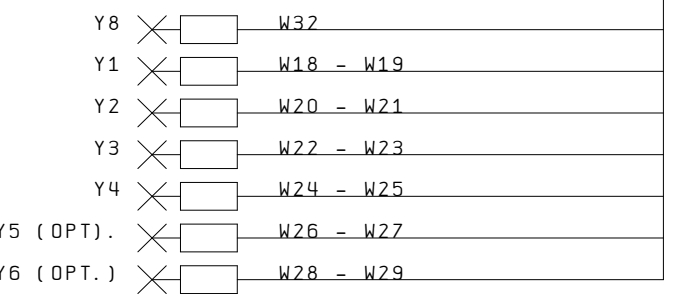
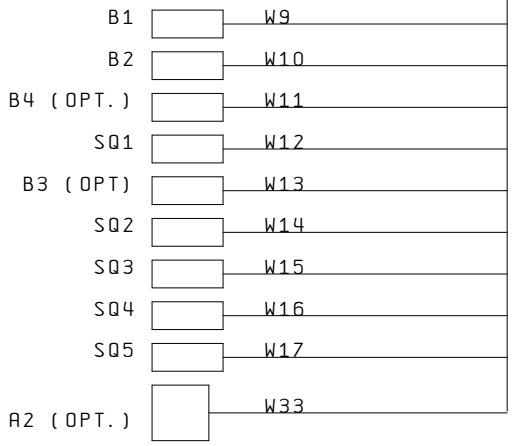
ARMADIO ELETTRICO

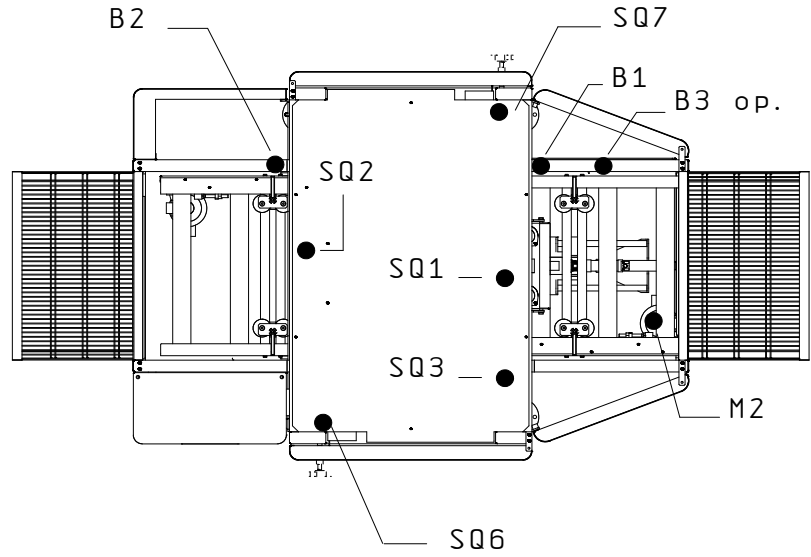
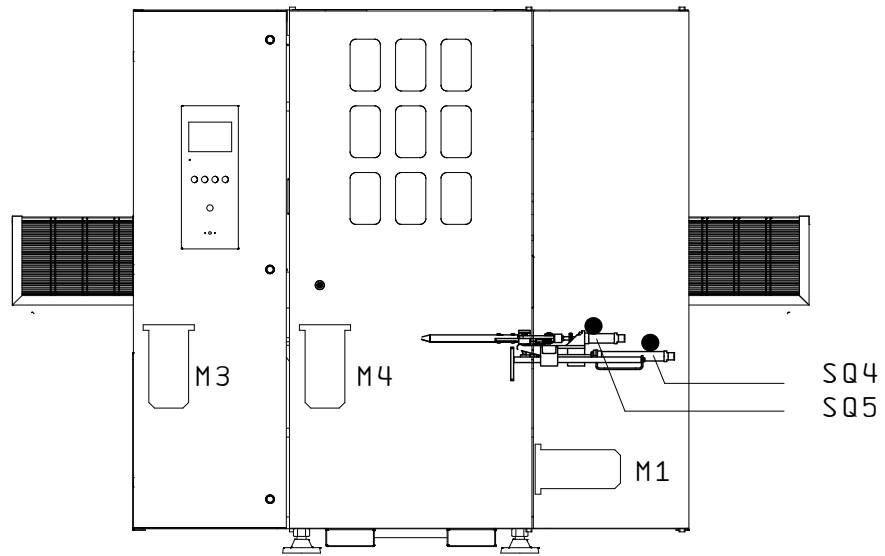
X2

X4

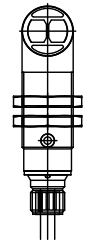
X5

X6 - X3





B1
B2
B3 OPT.



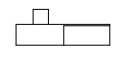
SQ6
SQ7




SQ1
SQ2
SQ3



SQ4
SQ5



0	1	2	3	4	5	6	7	8	9			
SIGLA CAVI	ORIGINE	NUMERO CONDUTTORI	SIGLA CONDUTTORI	SEZIONE CONDUTTORI (IN mm²)	SCHERMATURA	CAPICORDA	SPELLATURA (IN cm)	LUNGHEZZA E TIPO CAVO	LUNGHEZZA FUORI CASSETTA	SPELLATURA (IN cm)	CAPICORDA	DESTINAZIONE
												
W1	U1	4	U1, V1, W1 GND	4	SI			4G 4 FROH2R-CEI 2022	VEDI DISTINTA	12 cm		U1 OCCH. M5---- M1 V1 OCCH. M5---- M1 W1 OCCH. M5---- M1 GND OCCH. M5--- M1
W2	K2	4	U2, V2, W2 GND	1.5	NO			4G 1.5 FROR-CEI 2022	VEDI DISTINTA	12 cm		U2 Punt. --- YB1 V2 Punt. --- YB1 W2 Punt. --- YB1
W3	FR1	4	U3, V3, W3 GND	1.5	SI			4G 2.5 FROH2R-CEI 2022	VEDI DISTINTA	12 cm		U3 OCCH. M4---- M2 V3 OCCH. M4---- M2 W3 OCCH. M4---- M2 GND OCCH. M4--- M2
W4	FR2	4	U4, V4, W4 GND	1.5	SI			4G 2.5 FROH2R-CEI 2022	VEDI DISTINTA	12 cm		U4 OCCH. M4---- M3 V4 OCCH. M4---- M3 W4 OCCH. M4---- M3 GND OCCH. M4--- M3
W5	K3	4	U5, V5, W5 GND	1.5	NO			4G 1.5 FROR-CEI 2022	VEDI DISTINTA	12 cm		U5 OCCH. M4---- M4 V5 OCCH. M4---- M4 W5 OCCH. M4---- M4 GND OCCH. M4--- M4
W6	X5	4	3, 4, + 030	1	NO			4x1 FROR-CEI 2022	VEDI DISTINTA	10 cm		3 Punt. --- A1 4 Punt. --- A1 + Punt. --- A1 021 Punt. --- A1
W33	X3	4	+, 030	1	NO			4x1 FROR-CEI 2022	VEDI DISTINTA	10 cm		+ Punt. --- A2 035 Punt. --- A2
W42	X5	4	+, 11, 011	1	NO			4x1 FROR-CEI 2022	VEDI DISTINTA	10 cm		+ Punt. --- SQ10 11 Punt. --- SQ10 022 Punt. -- SQ10

LA MISURA DEI CAVI RIPORTATA IN DISTINTA CORRISPONDE ALLA DISTANZA TRA CASSETTA E UTILIZZATORE E VA AUMENTATA DI CIO' CHE SERVE PER LA CONNESSIONE INTERNA AL QUADRO.

LA SCHERMATURA NON VA CAPICORDATA MA LASCIATA LIBERA PERCHE' CONNESSA A MASSA CON IL PG DEL MOTORE



CAVI NON CONNETTORIZZATI
UNCONNECTORIZED WIRES

CODE: 3709302973

DATE 05. Giu. 2017

TOTAL
39

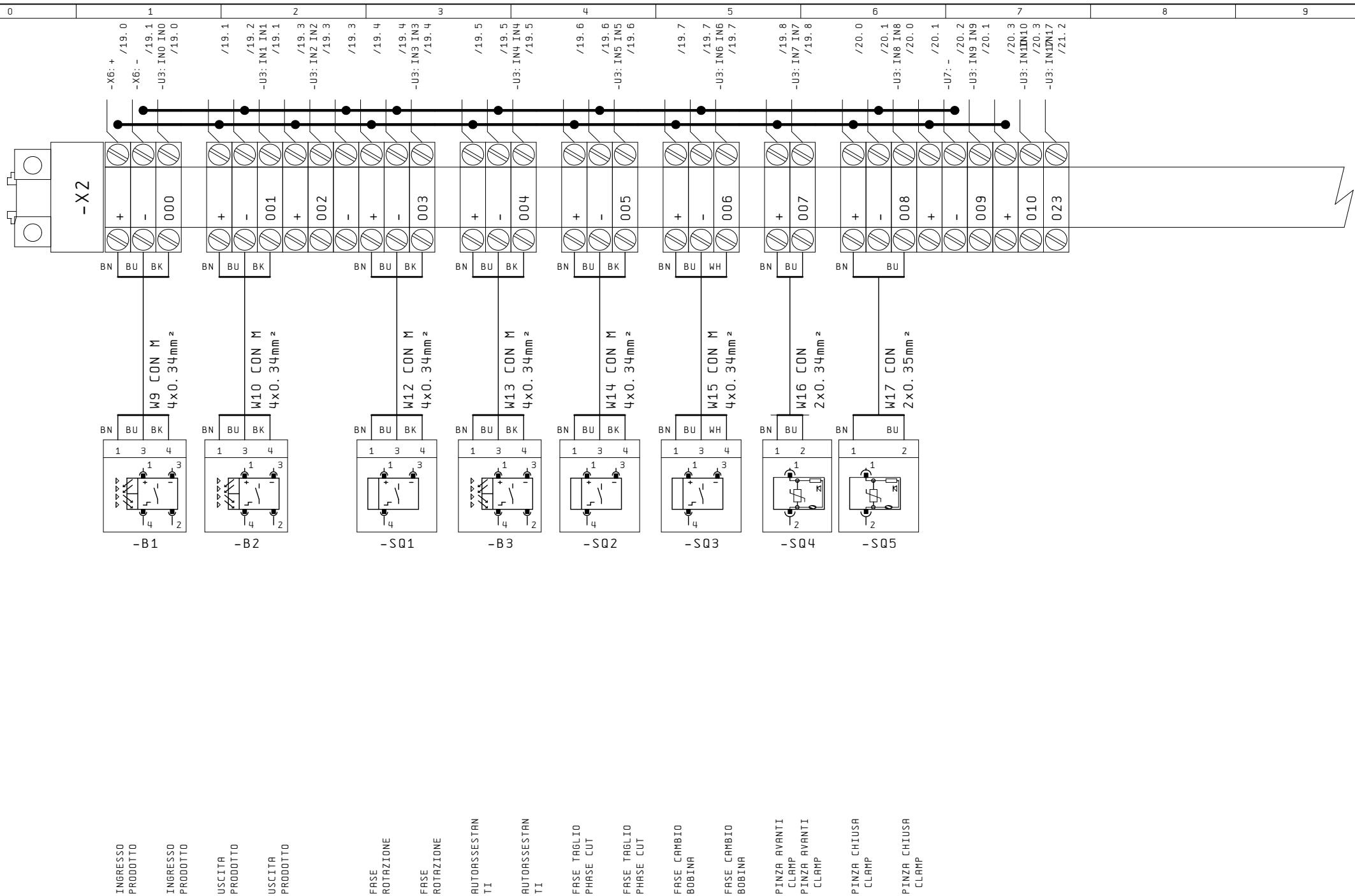
PREV.
34

SUBS.
37

SPIROR HP

PAGE

35



INGRESSO
PRODOTTO

INGRESSO
PRODOTTO

USCITA
PRODOTTO

USCITA
PRODOTTO

FASE
ROTAZIONE

FASE
ROTAZIONE

AUTORASSESTAN
TI

AUTORASSESTAN
TI

FASE TAGLIO
PHASE CUT

FASE TAGLIO
PHASE CUT

FASE CAMBIO
BOBINA

FASE CAMBIO
BOBINA

PINZA AVANTI
CLAMP
PINZA AVANTI
CLAMP

PINZA CHIUSA
CLAMP

PINZA CHIUSA
CLAMP

MORSETTIERA SENSORI
SENSORS TERMINAL STRIP

CODE: 3709302973

DATE 05. Giu. 2017

TOTAL
39

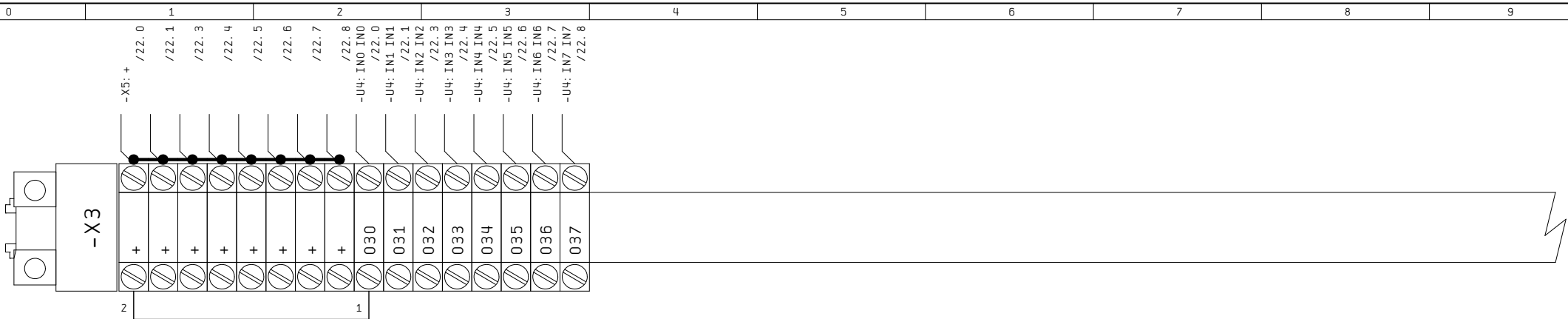
PREV.
35

SUBS.
38

SPIROR HP

PAGE

37



PRODOTTO
 PRONTO PER
 PRONTO A
 RICEVERE IN
 FINE USCITA
 PRODOTTO
 RICHIAMO
 PROGRAMMI 1
 RICHIAMO
 PROGRAMMI 2
 RICHIAMO
 PROGRAMMI 3
 RICHIAMO
 PROGRAMMI 4
 PRODOTTO
 PRONTO PER
 PRONTO A
 RICEVERE IN
 FINE USCITA
 PRODOTTO
 RICHIAMO
 PROGRAMMI 1
 RICHIAMO
 PROGRAMMI 2
 RICHIAMO
 PROGRAMMI 3
 RICHIAMO
 PROGRAMMI 4

MORSETTIERA CONTATTI IN SCAMBIO
 CHANGE-OVER CONTACTS TERMINAL STRIP

CODE: 3709302973

DATE 05. Giu. 2017

TOTAL
39

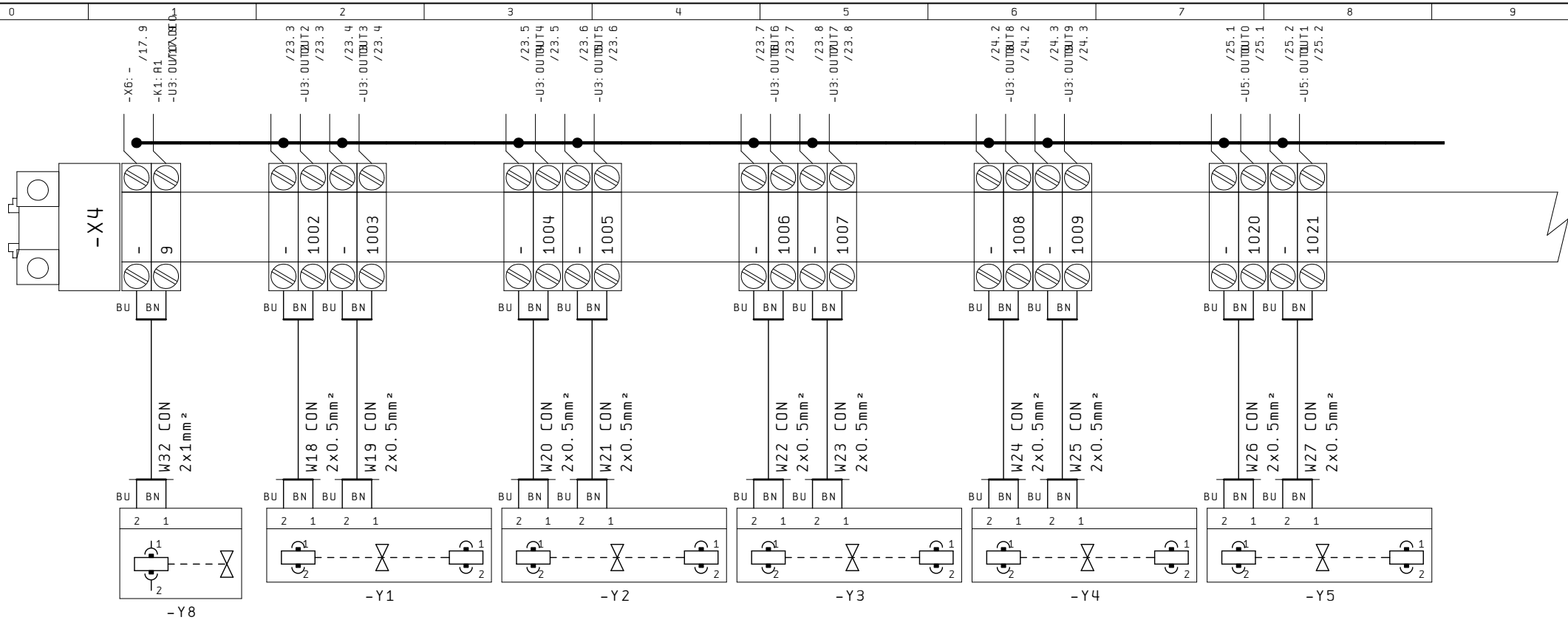
PREV.
37

SUBS.
39

SPIROR HP

PAGE

38



AVANZAMENTO
P.INZA
AVANZAMENTO
P.INZA
ARRETRAMENTO
P.INZA
ARRETRAMENTO
P.INZA

APERTURA
P.INZA
APERTURA
P.INZA
CHIUSURA
P.INZA
CHIUSURA
P.INZA

SALITA
PRESSORE
SALITA
PRESSORE
DISCESA
PRESSORE
DISCESA
PRESSORE

SALITA
PRESSORE
SALITA
PRESSORE
DISCESA
PRESSORE
DISCESA
PRESSORE

APERTURA
AUTORASSESTA
APERTURA
AUTORASSESTA
CHIUSURA
AUTORASSESTA
CHIUSURA
AUTORASSESTA

MORSETTIERA ELETTROVALVOLE
SOLENOID-VALVES TERMINAL STRIP

CODE: 3709302973

DATE 05. Giu. 2017

TOTAL
39

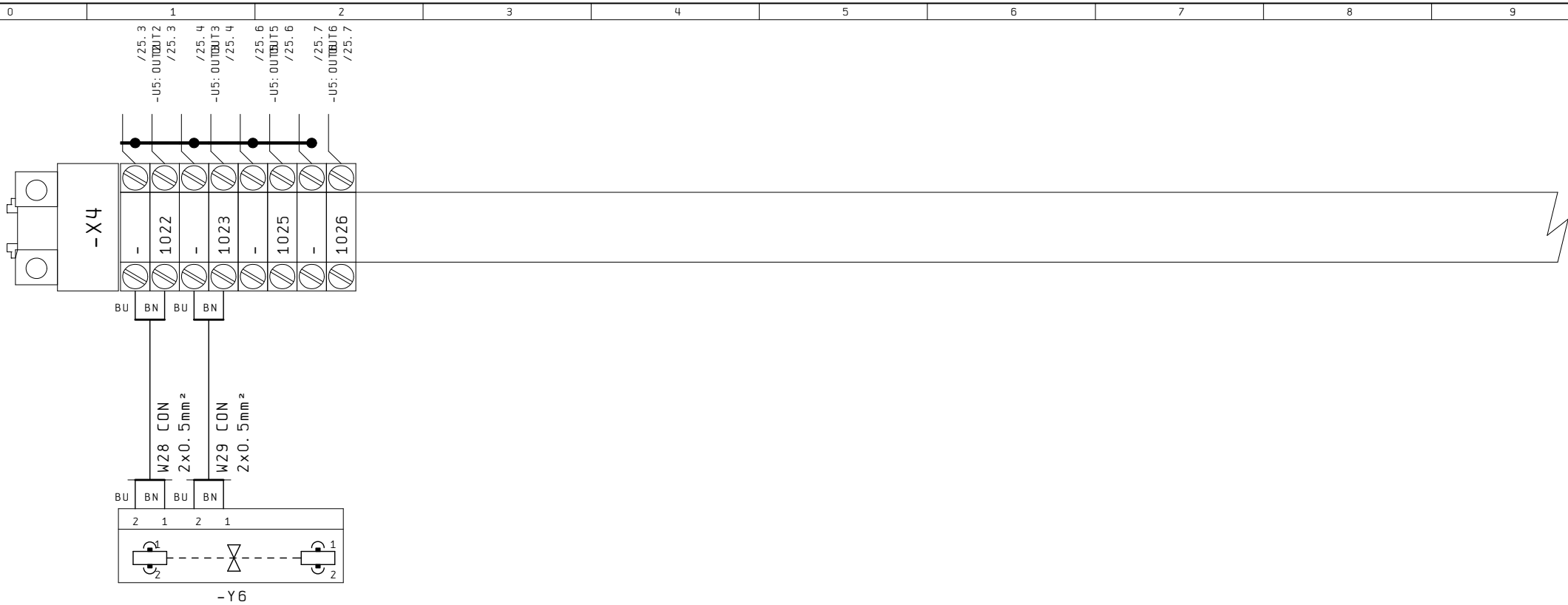
PREV.
38

SUBS.
40

SPIROR HP

PAGE

39



APERTURA
 AUTORASSESTA
 APERTURA
 AUTORASSESTA
 CHIUSURA
 AUTORASSESTA
 CHIUSURA
 AUTORASSESTA
 LIBERO
 LIBERO
 LIBERO
 LIBERO

MORSETTIERA ELETTROVALVOLE
SOLENOID-VALVES TERMINAL STRIP

CODE: 3709302973

DATE 05. Giu. 2017

TOTAL
39

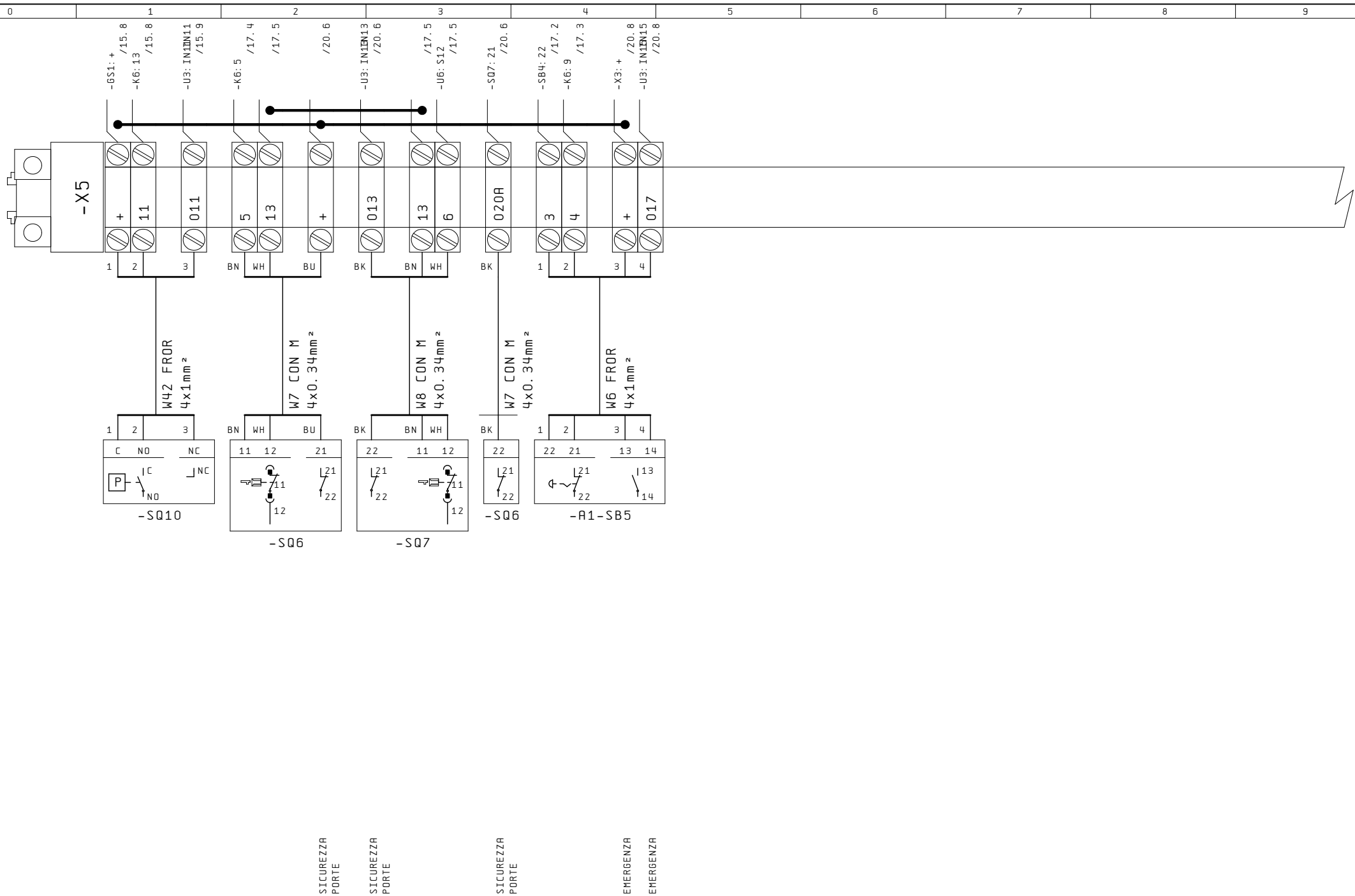
PREV.
39

SUBS.
41

SPIROR HP

PAGE

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SICUREZZA
PORTE

SICUREZZA
PORTE

SICUREZZA
PORTE

EMERGENZA
EMERGENZA

