



Strada degli Angariari, 6 47891 FALCIANO
 TEL. (Italy): 0549 977419 (Int'l): ++378 977419 FAX 908549
 SAN MARINO

www.noxon.it

SCHEMA ELETTRICO ELECTRIC DRAWING ELEKTRISCHER SCHALTPLAN SCHEMA ELECTRIQUE ESQUEMA ELECTRICO

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

WRAPPY 9/12 M

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

Codice Impianto
 Control Box Code
 Anlage Nummer
 Code Cadre Electrique
 Codigo Caja Eléctrica

7450303197

I.M.: 01 N.B.: 2619

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

400V + N + PE 50/60HZ

Potenza Installata
 Installed Power
 Installierte Leistung
 Puissance installée
 Potencia Instalada

1/1.9 kW

Corrente Assorbita
 Absorbed Current
 Stromaufnahme
 Absorption Electrique
 Absorcion

7/12 A

Project Name: 7450303197

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 : Pecchenini P.
 Approvazione : Pecchenini P.



INTESTAZIONE
 HEADING

CODE: 3710307785

DATE 10.01.2012

TOTAL
 20

PREV.
 2

SUBS.
 2

WRAPPY 9/12 M

PAGE

1

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12	LAYOUT MACCHINA E PULSANTIERA (Only for Robopac use)		16. 05. 2011	AGO
13	PLANIMETRIA (Only for Robopac use)	CAR\M280000	17. 05. 2011	MPO




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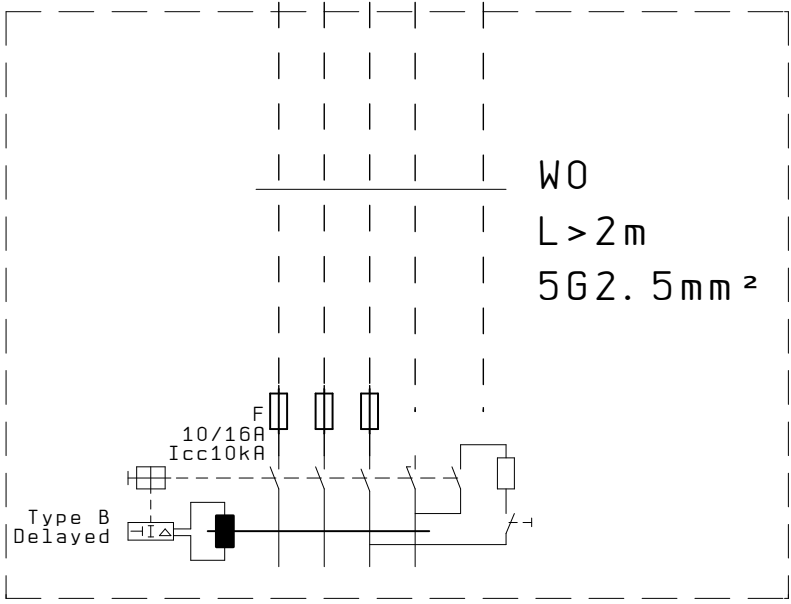
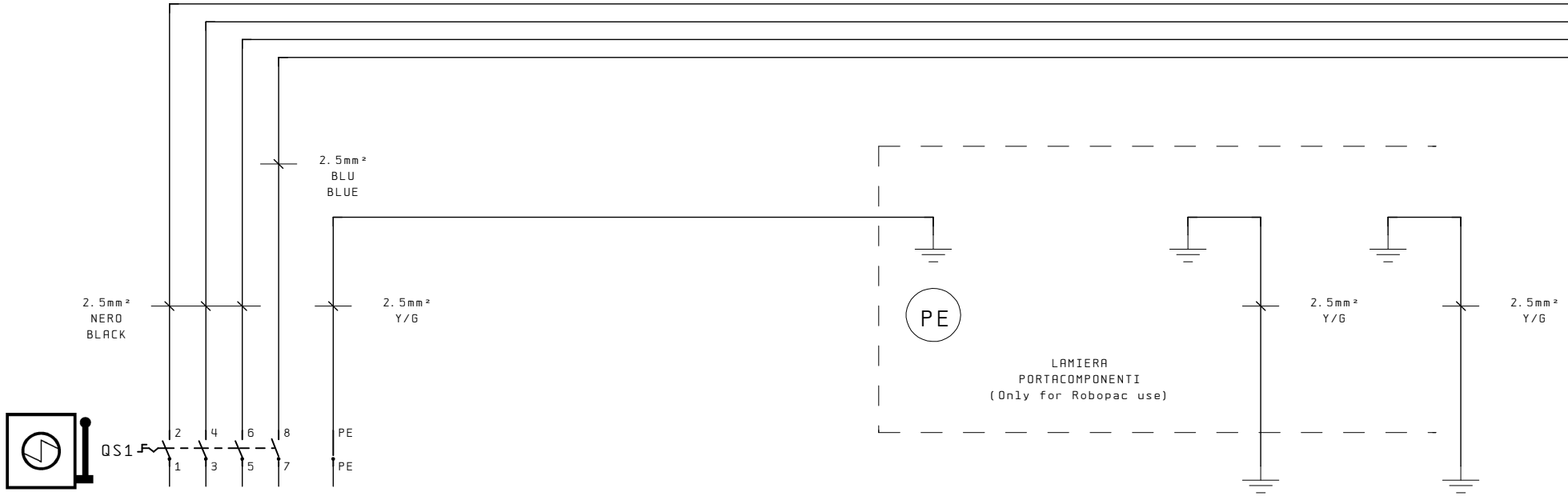
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19	LISTA COMPONENTI BILL OF MATERIALS		11.01.2012	ABO



		S/N	7450303197	
		Mod.	WRAPPY 9/12 M	
		w.d.		
N.		Ref.		 <input type="text"/> Kg
Un	400	V	Ph	3/N
			f	50/60 Hz
In	7/12	A	Ik	10
			Ka	
Data			By	



L1 /5.0
 L2 /6.0
 L3 /6.0
 N /5.0



WO
 L > 2m
 5G2.5mm² A CURA DEL CLIENTE
 BY THE CUSTOMER

400V + N + PE 50/60Hz
 ALIMENTAZIONE GENERALE IN
 CASSETTA
 ELECTRICBOX
 POWER SUPPLY



CIRCUITO DI POTENZA
 POWER CIRCUIT

CODE: 3710307785

DATE 10. 01. 2012

TOTAL
 20

PREV.
 3

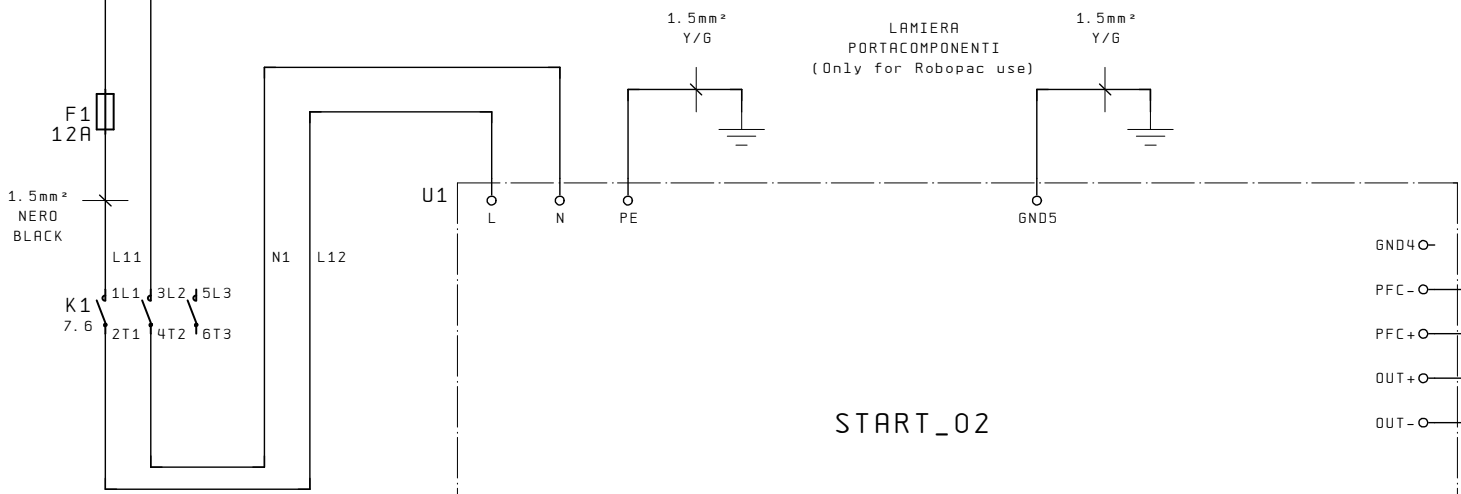
SUBS.
 5

WRAPPY 9/12 M

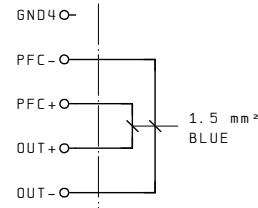
PAGE

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4.9/L1 → L1/6.0
 4.9/N → N/7.0

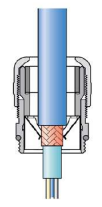
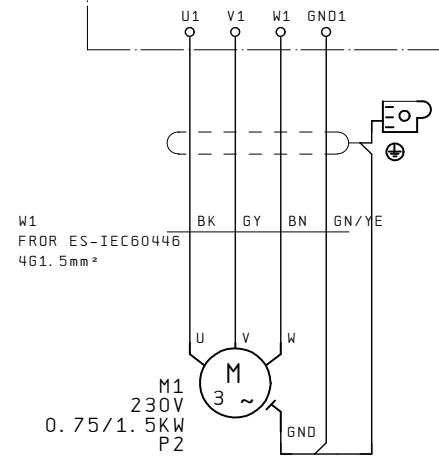
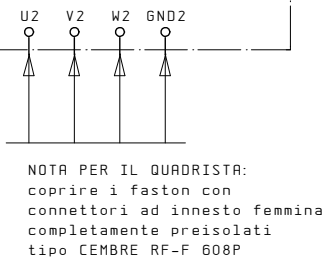


START_02



L30-
 N30-
 GND30-

NOTA PER IL QUADRISTA:
 coprire i faston con
 connettori ad innesto femmina
 completamente preisolati
 tipo CEMBRE RF-F 608P



MOTORE
 ROTAZIONE
 ROTATION
 MOTOR



CIRCUITO DI POTENZA
 POWER CIRCUIT

CODE: 3710307785

DATE 10.01.2012

TOTAL
 20

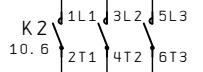
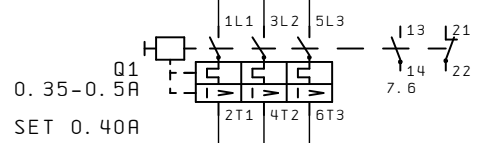
PREV.
 4
 SUBS.
 6

WRAPPY 9/12 M

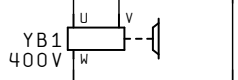
PAGE
 5

5.8/L1 →
 4.9/L2 →
 4.9/L3 →

→ L2 / 7.0



1 2 3 W21
 FROR 3-NUM
 3x1.5 mm²



FRENO MOTORE ROTAZIONE
 ROTATION MOTOR BRAKE



CIRCUITO DI POTENZA
 POWER CIRCUIT

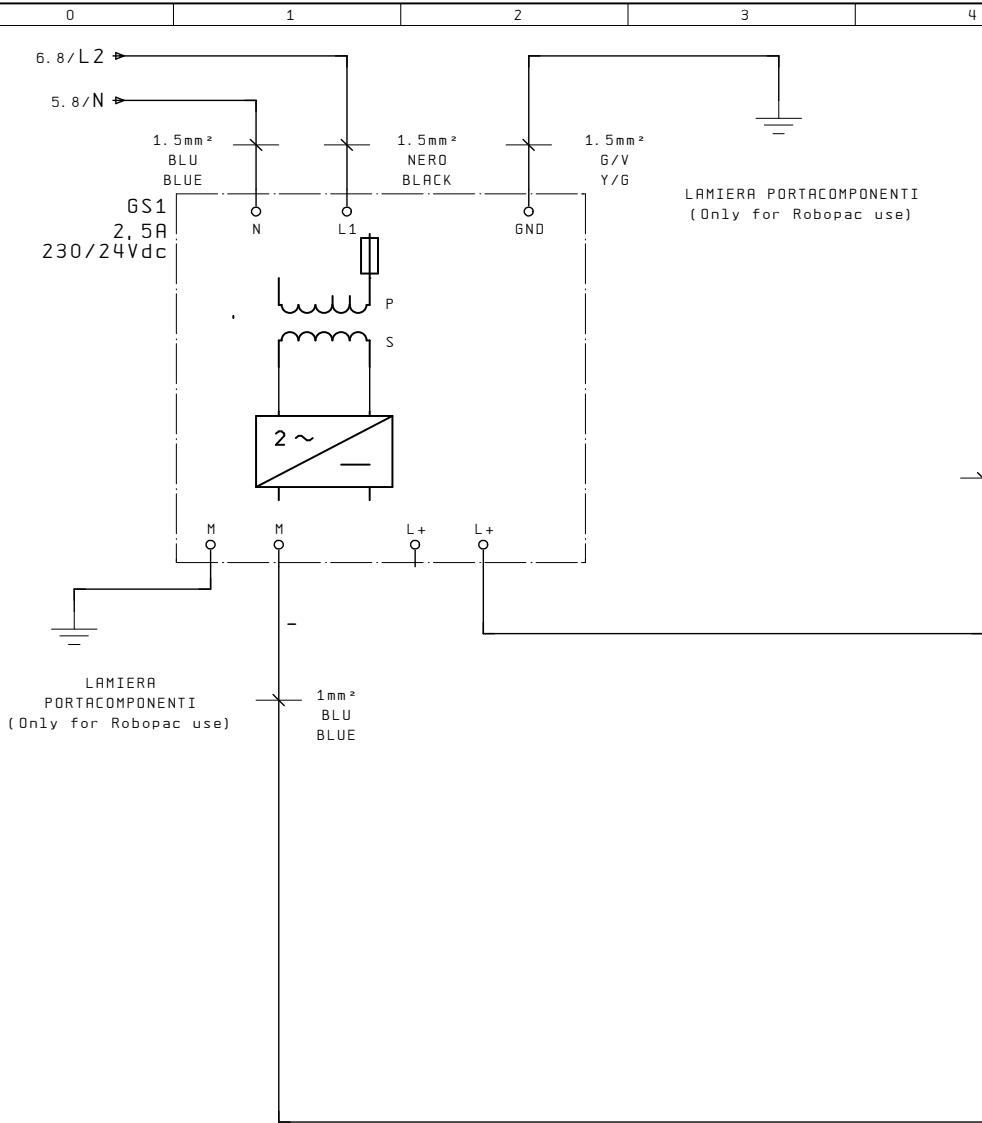
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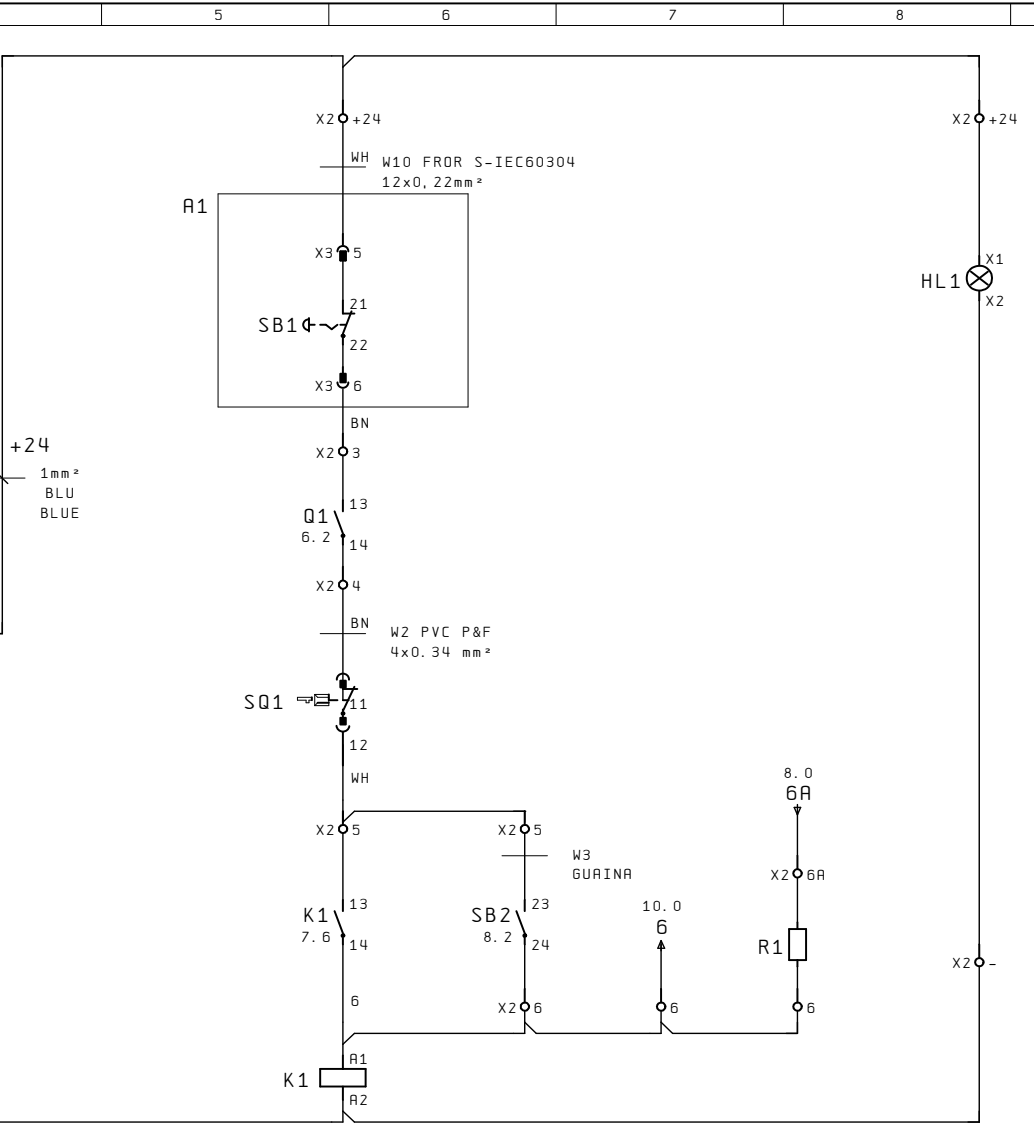
TOTAL 20	PREV. 5	SUBS. 7
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WRAPPY 9/12 M

PAGE 6



CIRCUITO AUSILIARIO
24VDC
AUXILIARY CIRCUIT
24VDC



ALIMENTAZIONE
INVERTERS
INVERTERS
POWER SUPPLY

ALIMENTAZIONE
POWER SUPPLY

- 13 -> 14 7.6
- 1L1 -> 2T1 5.1
- 3L2 -> 4T2 5.1
- 5L3 -> 6T3 5.1



CIRCUITO AUSILIARIO
AUXILIARY CIRCUIT

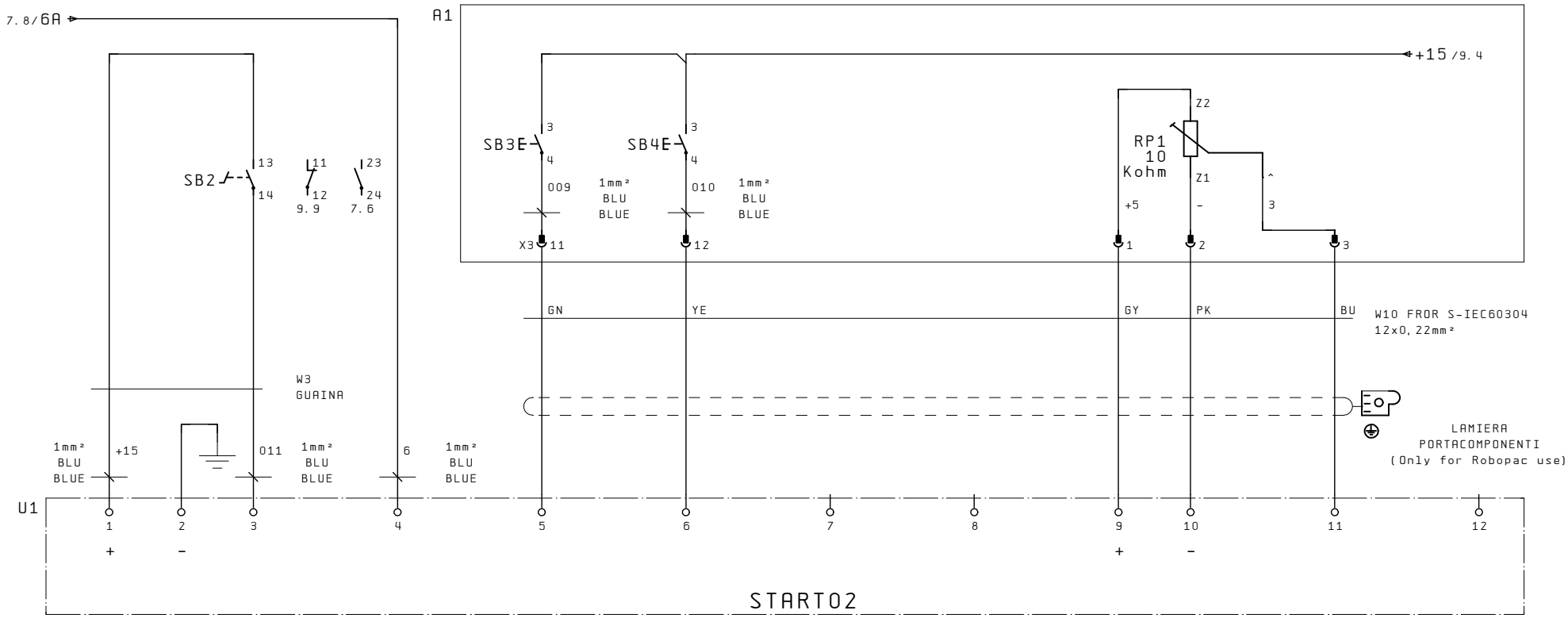
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DATE 10. 01. 2012

TOTAL 20	PREV. 6	SUBS. 8
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WRAPPY 9/12 M

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START	EMERGENZA	MANUALE	MANUALE	VELOCITA'
START	EMERGENCY	PINZA	ROTAZIONE	ROTAZIONE
		CLAMP		ROTATION
		MANUAL		SPEED



INGRESSI CPU
CPU INPUTS

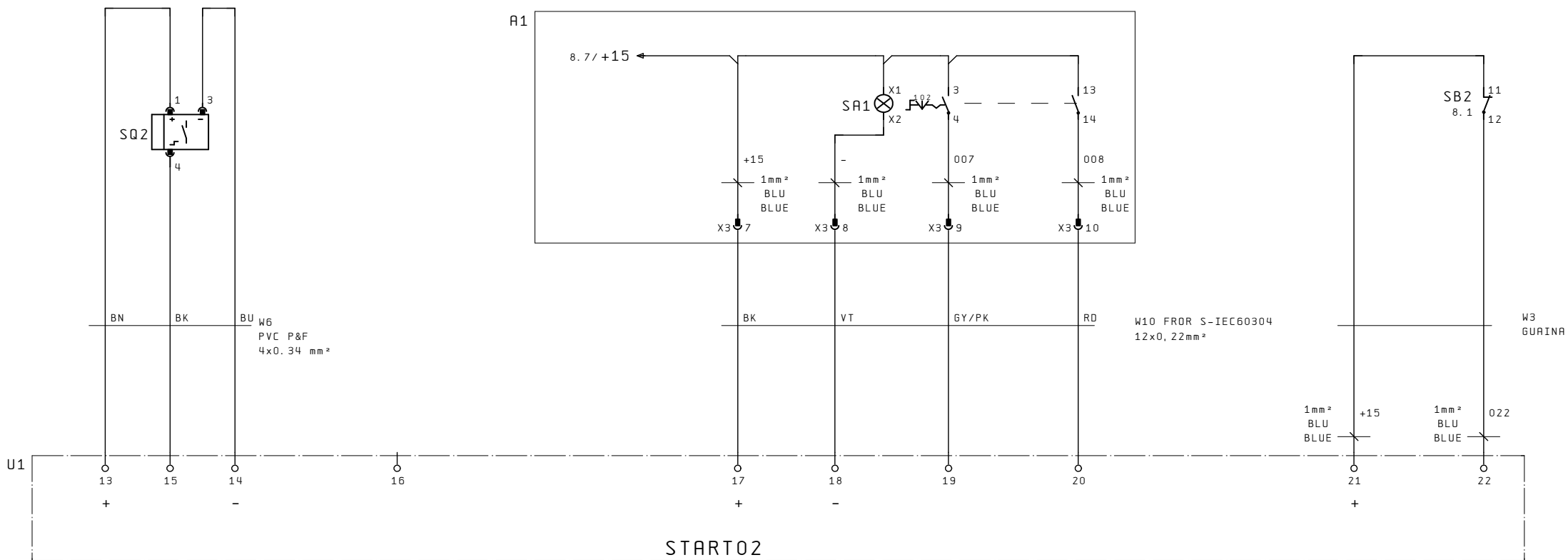
CODE: 3710307785

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TOTAL 20	PREV. 7	SUBS. 9
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WRAPPY 9/12 M

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FASE
ROTAZIONE

START-POSITION
SET

SELETTORE
NUMERO GIRI
SELECTOR
NOMBRE VUELTAS

CONTROLLO
DISCORDANZA

DOUBLE
CONTROL

INGRESSI CPU
CPU INPUTS

CODE: 3710307785

DATE 10. 01. 2012

TOTAL
20

PREV.
8

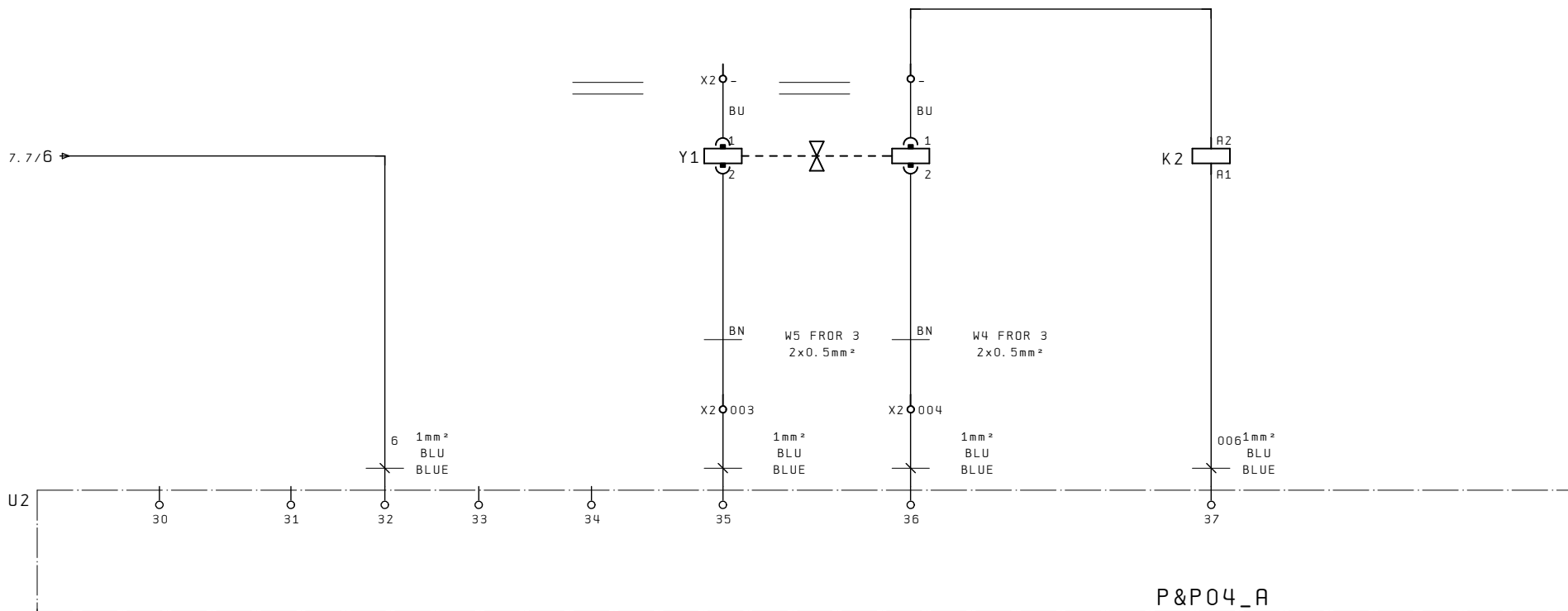
SUBS.
10

WRAPPY 9/12 M

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LC1-D0910B7 TEL
 1L1 ~ 2T1 6.1
 3L2 ~ 4T2 6.1
 5L3 ~ 6T3 6.1

PINZA
 INDIETRO
 BACKWARD
 CLAMP

PINZA
 AVANTI
 FORWARD
 CLAMP

FRENO
 MOTORE ROTAZIONE
 ROTATION
 MOTOR BRAKE



ESPANSIONE P&P03_A
 P&P03_A EXPANSION

CODE: 3710307785

DATE 10. 01. 2012

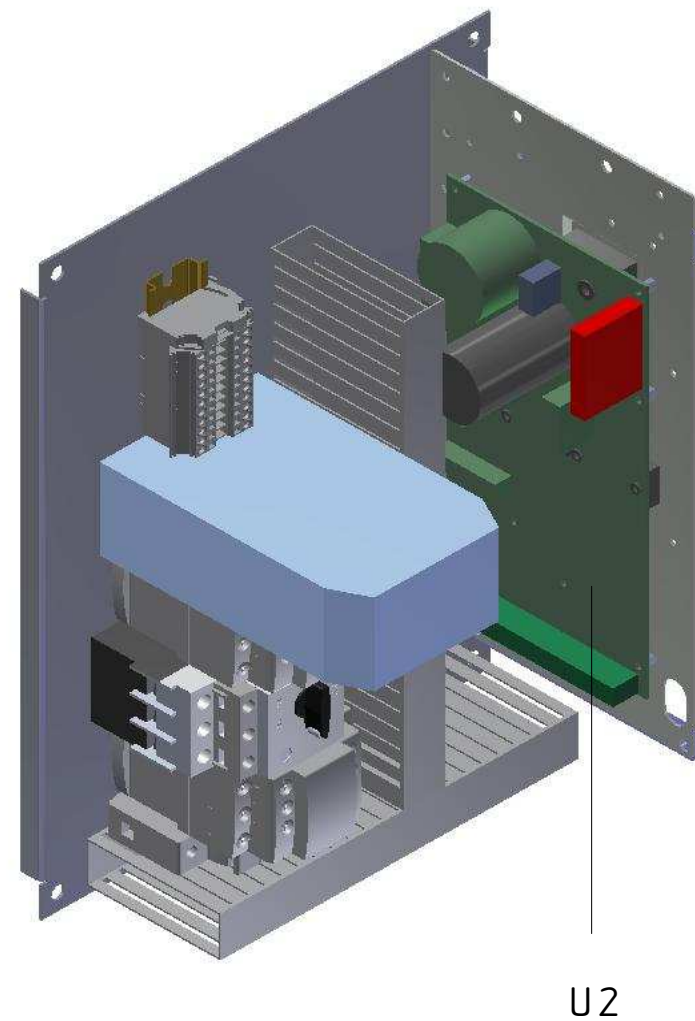
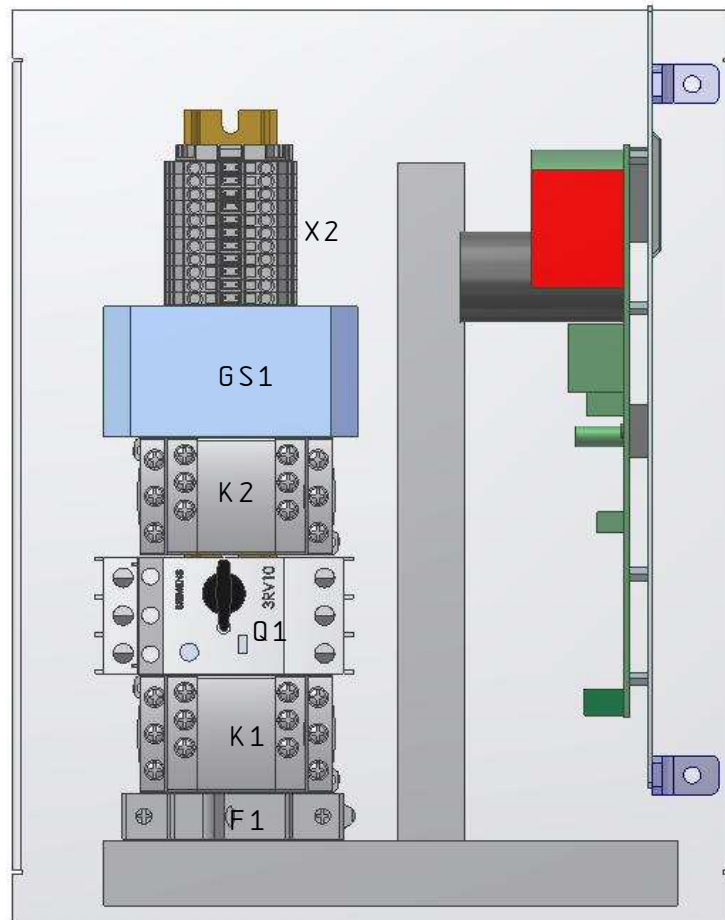
TOTAL
 20

PREV.
 9

SUBS.
 11

WRAPPY 9/12 M

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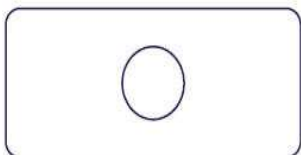


U2

PULSANTIERA ESTERNA PUSH-BUTTONS

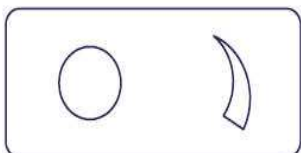
DISPOSIZIONE BORDO MACCHINA MACHINE LAYOUT

EMERGENZA
EMERGENCY



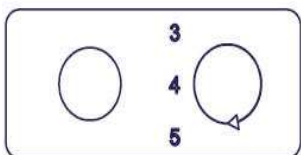
SB1

VELOCITA' ROTAZIONE
ROTATION SPEED



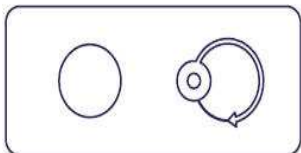
RP1

NUMERO GIRI
ROUNDS NUMBER
ALIMENTAZIONE
POWER SUPPLY



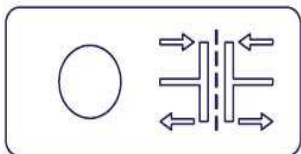
SR1

MANUALE ROTAZIONE
ROTATION MANUAL

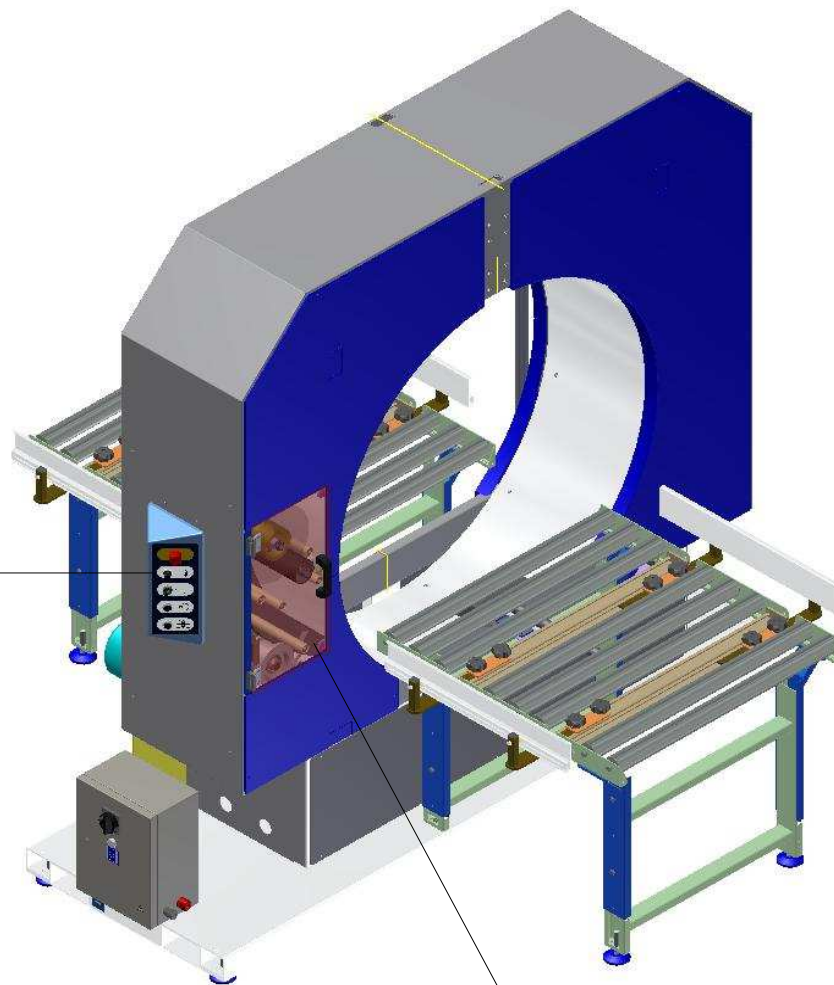


SB4


MANUALE PINZA
CLAMP MANUAL



SB3



SQ2

CAVO	ORIGINE	DENOMINAZIONE CONDUTTORI	CAPICORDA	SPELLATURA cm	TIPO CAVO	LUNGHEZZA FUORI CASSETTA cm	SPELLATURA cm	CAPICORDA	DESTINAZIONE
									
W1	U1	BK, GY, BN, GN/YE	FASTON	20 cm	4G 1.5 mm ² +SCH FROR3-IEC60446 Anello EMC	300 cm	10 cm		OCCHIELLO U, V, W Y4 GND, SCH Y5 M1
W21	U1	1, 2, 3	--	20 cm	3x1.5 mm ² FROR3-NUMERATO	300 cm	10 cm		OCCHIELLO U, V, W Y4 GND, SCH Y5 YB1
W2	X2	BN, WH	--	20 cm	4x0.34 PVC P&F	270 cm	--	--	SQ1
W3 GUAINA	X2 U1	5, 6, +15, 011, +15, 022	-- PUNTALINO	--	1x 1mm ² NO7V-K BLU GUAINA PAFS-21B ADP	310 cm	--	PUNTALINO	SB2
W4	X2	BN, BU	--	20 cm	2x0.5 mm ² SHIELD	260 cm	--	--	Y1
W5	X2	BN, BU	--	20 cm	2x0.5 mm ² SHIELD	260 cm	--	--	Y1
W6	U1	BN, BU, BK	--	20 cm	3x0.34 mm ² PVC P&F	310 cm	--	--	SQ2
W10	X2 U1	WH, BN, GN, YE, GY, PK, BU, RD, BK, VT, GY/PK, RD/BU	--	15 cm	12x0.22 mm ² + SCH FROR3-IEC60304	360 cm	10 cm	--	X3
		FORD X GUAINA CASSETTA			BLOCCA- GUAINA M50		75 cm		BLOCCA- GUAINA M50 FORD X GUAINA BASAMENTO



PLANIMETRIA
(Only for Robopac use)

CODE: 3710307785

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TOTAL
20

PREV.
12

SUBS.
14

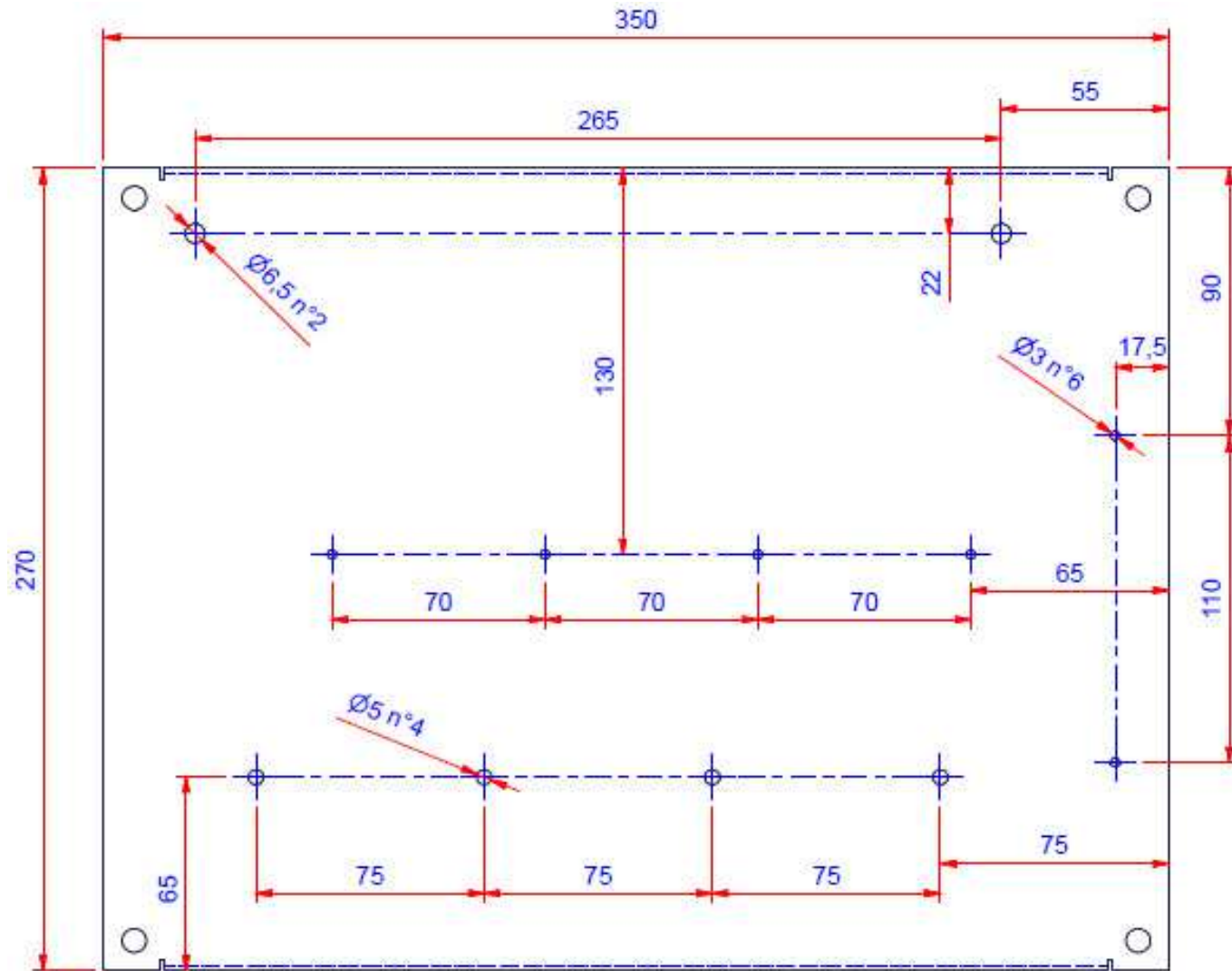
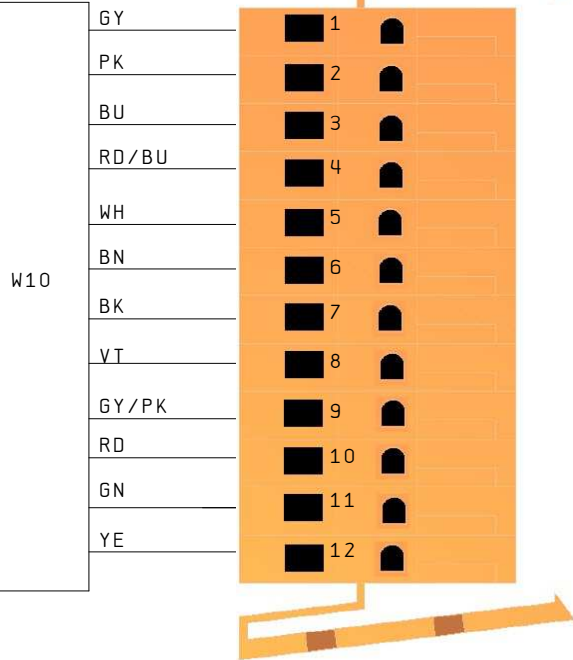
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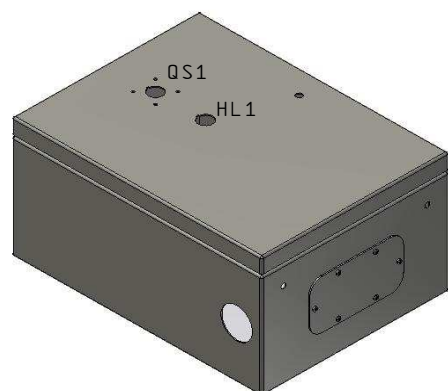
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FORATURA LAMIERA PORTACOMPONENTI

X3





SCHEMA DI FORATURA

Vedi disegno cassetta elettrica (cod. in distinta).

NOTE PER IL QUADRISTA (For ROBOPAC use ONLY):

CASSETTA (QUADRO GENERALE)

1) Il Bordo Macchina descritto a Pag. 14 DEVE essere cablato e fornito insieme al quadro elettrico, compreso il sensore induttivo SQ2. Tutti i cavi e conduttori del bordo macchina devono fuoriuscire dalla cassetta elettrica dal foro disegnato qui a lato. All' estremità di ogni cavo DEVE essere apposta una targhetta serigrafata riportante la sigla del cavo medesimo.

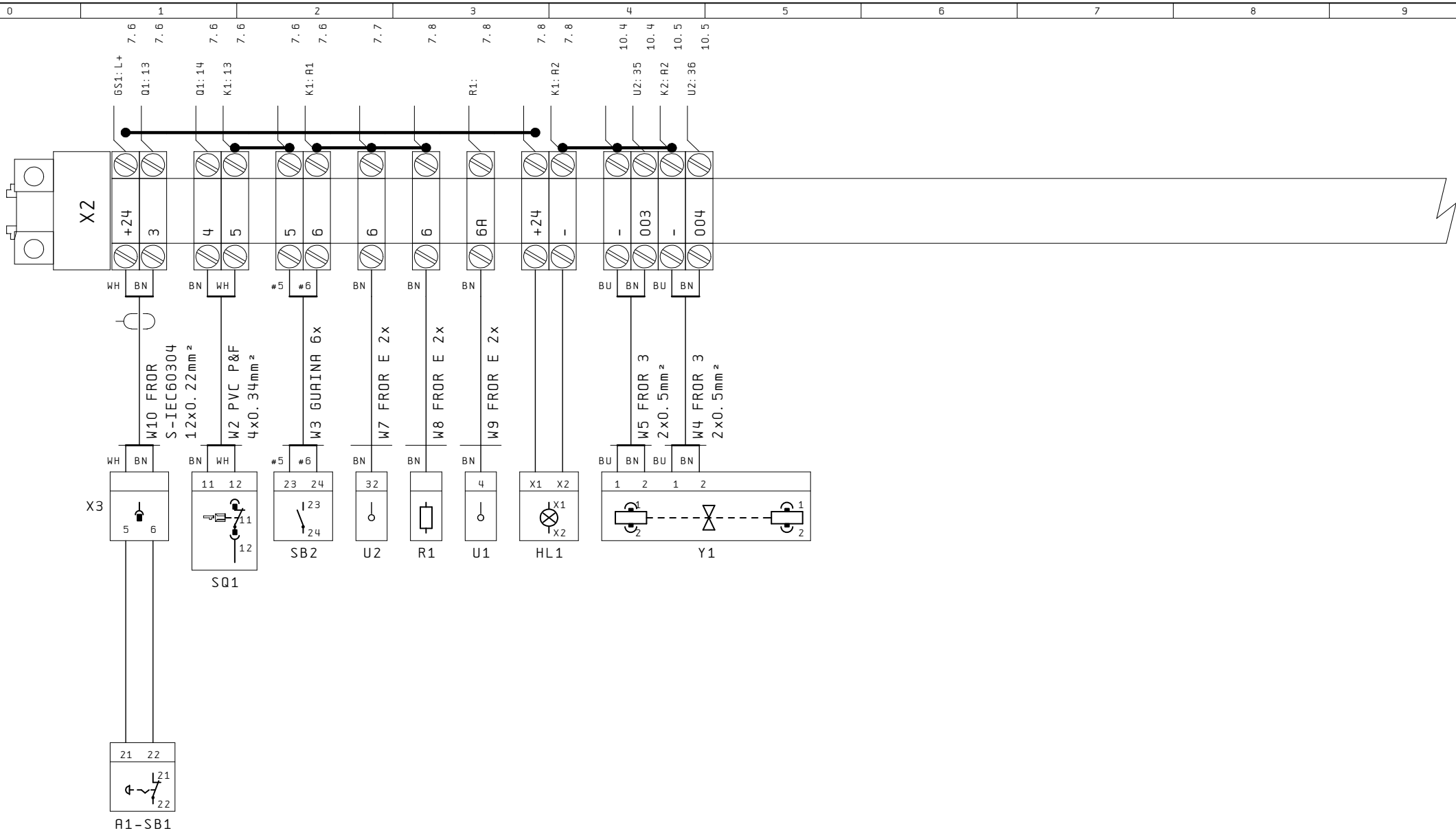
3) Per la lunghezza dei cavi descritta a pag.14 è stato preso come riferimento il foro di ingresso al quadro, la quale deve essere allungata della misura necessaria al collegamento all'interno del quadro generale.

4) Inserire su porta targa della lampada HL1 la targa di apparecchiatura sotto tensione



5) Consegnare la cassetta elettrica con la lamiera di chiusura non fissata.

2) La morsettiera X2 DEVE essere composta con morsetti WAGO della famiglia 280



PINZA
INDIETRO
=

PINZA AVANTI
=



MORSETTIERA CIRCUITO AUSILIARIO
(Only for Robopac use)

CODE: 3710307785

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20

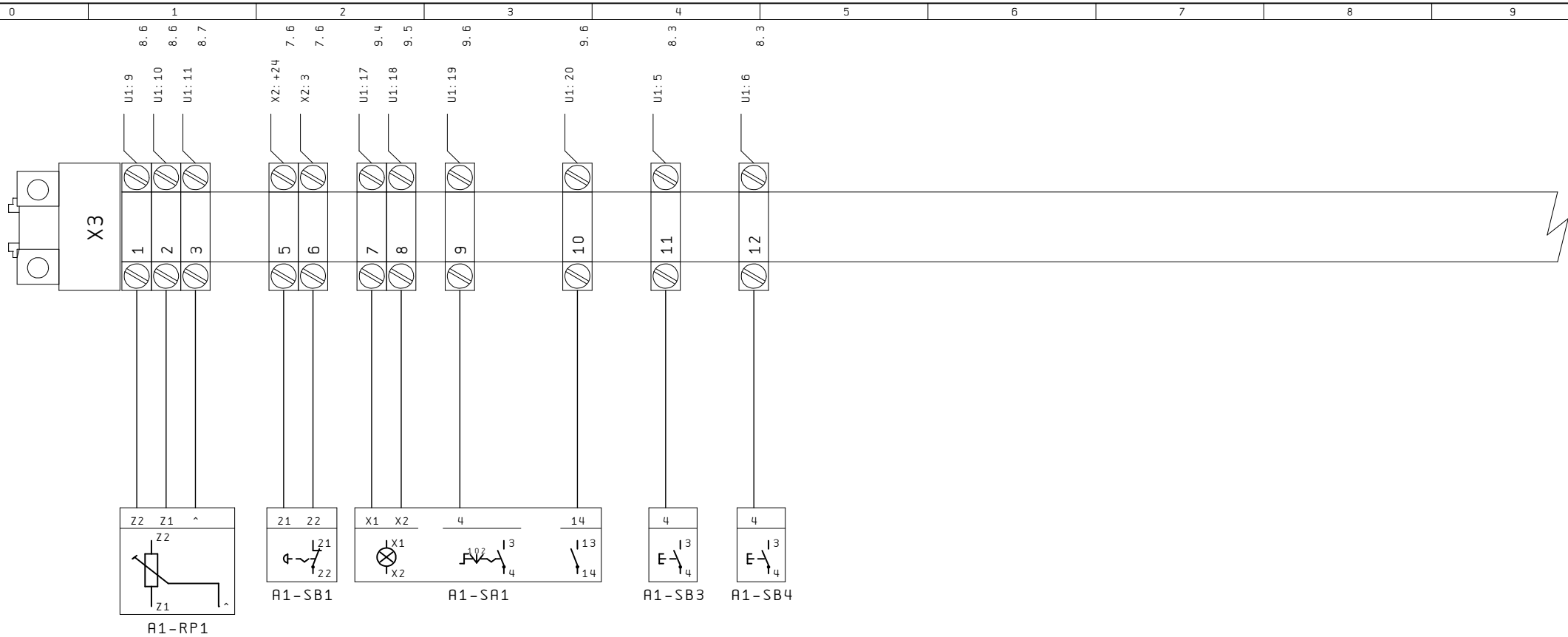
PREV.
15

SUBS.
17

WRAPPY 9/12 M

PAGE

16



MANUALE
 ROTAZIONE
 VELOCITA'
 ROTAZIONE
 =

FASE
 ROTAZIONE
 =

SELETTORE
 NUMERO GIRI
 =

MANUALE
 PINZA
 =

MANUALE
 ROTAZIONE
 =



CONNETTORE PULSANTIERA
 (Only for Robopac use)

CODE: 3710307785

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PREV.
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SUBS.
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WRAPPY 9/12 M

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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
QS1	INTERRUTTORE/SWITCH	SQ032004S	GIOVENZANA	1	0001310652A	4. 1
QS1	POLO/POLE	SQ032APER	GIOVENZANA	1	0099000294C	4. 1
QS1	MANIGLIA/HAND GRIP	SQ32 089-0001	GIOVENZANA	1	0001310680L	4. 1
CASSETTA	CHIAVE/KEY	1004-34	EMKA	1	0000626480E	4. 4
F1	BASE FUSIBILE/BASE FOR FUSE	1P 10, 3X38		1	0001352427E	5. 1
F1	FUSIBILE/FUSE	10, 3X38 GG 12A 500VAC		1	0001304222A	5. 1
U1	SCHEDA/CARD	START_02 CUBE	ROBOPAC	Baugruppe	1430300186	5. 2
U1	SOFTWARE	COMPACTA REL. 420	ROBOPAC	1	1550300919	5. 2
Q1	MAGNETOTERMICO/THERMOMAG. SW.	3RV1021-0FA10	SIEMENS	1	0001307460H	6. 1
Q1	CONTATTI AUS./AUX. CONTACTS	3RV1901-2E	SIEMENS	1	0001347147D	6. 1
GS1	ALIMENTATORE/POWER PACK	SPD19-2402P	C. E.	1	0001346659L	7. 1
A1-SB1	PULSANTE/BUTTON	M22-PV-K11	MOELLER	1	0001349507A	7. 6
SQ1	FINECORSO/ENDSTROKE	FR-993-K70	PIZZATO	1	0001301153A	7. 6
SQ1	CHIAVE/KEY	VF-KEY-D7	PIZZATO	1	0001309918D	7. 6
K1	CONTATTORE/CONTACTOR	3RT1016-2BB41	SIEMENS	1	0001356569A	7. 6
R1	RESISTENZA/RESISTANCE	1K8 0.5W	SCM	1	0001352846D	7. 8
HL1	LAMPADA/LAMP	M22-L-W	MOELLER	1	0001307015E	7. 8
HL1	SUPPORTO/SUPPORT	M22-A	MOELLER	1	0001300700A	7. 8
HL1	LED	M22-LED-W	MOELLER	1	0001300719B	7. 8
SB2	PEDALE/PEDAL	PX-40110-M2	PIZZATO	1	0622300001	8. 1
A1-SB3	PULSANTE/BUTTON	M22-D-S	MOELLER	1	0001300762B	8. 3
A1-SB3	SUPPORTO/SUPPORT	M22-A	MOELLER	1	0001300700A	8. 3
A1-SB3	CONTATTO/CONTACT	M22-CK10	MOELLER	1	0001300024F	8. 3
A1-SB4	PULSANTE/BUTTON	M22-D-S	MOELLER	1	0001300762B	8. 3
A1-SB4	SUPPORTO/SUPPORT	M22-A	MOELLER	1	0001300700A	8. 3



Distinta base
Bill of materials

SEF ID	Designazione Designation	Articolo Article	Costruttore Manufacturer	Q. ta' Amount	Cod. articolo Article number	Pag. /colon. Page/path
A1-SB4	CONTATTO/CONTACT	M22-CK10	MOELLER	1	0001300024F	8. 3
A1-RP1	POTENZIOM. /POTENTIOM.	M22-R10K	MOELLER	1	0001300820E	8. 6
SQ2	FINECORSAXPROXIMITY MICROSW.	NBB5-18GM50-E2V1	PEPPERL+FUCHS	1	0001309154B	9. 1
A1-SA1	SELETTORE/SELECTOR	M22-WRLK3-6	MOELLER	1	0099000314F	9. 5
A1-SA1	CONTATTO/CONTACT	M22-CK10	MOELLER	2	0001300024F	9. 5
A1-SA1	SUPPORTO/SUPPORT	M22-A	MOELLER	1	0001300700A	9. 5
A1-SA1	LED	M22-LED-G-216559	MOELLER	1	0001300764F	9. 5
U2	SCHEDA/CARD	P&P ARIANE	MBM-CD	1	1430300167	10. 0
K2	CONTATTORE/CONTACTOR	3RT1016-2BB41	SIEMENS	1	0001356569A	10. 6
W6	CONNETTORE/CONNECTOR	V1-W-5M-PVC	PEPPERL+FUCHS	1	0001348712D	9. 0



LISTA COMPONENTI
BILL OF MATERIALS

CODE: 3710307785

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TOTAL
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PREV.
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SUBS.

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