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Repubblica di San Marino



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

Masterplat Pgs

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

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

230 V

50 Hz

1 Ph + N

Potenza Installata
Installed Power
Installierte Leistung
Puissance installée
Potencia Instalada

1.8 kW

Corrente Assorbita
Absorbed Current
Stromaufnahme
Absorption Electrique
Absorción

5.9 A

For Robopac Use Only

Codice Quadro Elettrico

7450304064R5013B

Indice Modifica

R0

Numero Bolla

00631

Costruire secondo specifica tecnica 50.1.1
Controllare con scheda di collaudo

Masterplat PGS

Elaborato da

Brizi A.

Verificato da

Ingrosso D.

Approvato da

Laghi P.



Description

Copertina
Cover sheet

Code

3709308435

Date

14/04/2015

Total

25

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Subs

2

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Machine

Masterplat Pgs

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		2.1	Sommario delle pagine : /115 - /122 Table of contents : /115 - /122		17/04/2015	abrizi
		4	Targhetta quadro elettrico Plate control cabinet		14/04/2015	abrizi
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		5.1	Distinta articoli Parts list		14/04/2015	abrizi
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		20	Circuito di potenza Power circuit		14/04/2015	abrizi
		30	Circuito di potenza Power circuit		16/04/2015	abrizi
		40	Circuito Ausiliario Auxiliary Circuit		15/04/2015	abrizi
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		122	Connettore scheda prestiro Prestretch card connector		14/04/2015	abrizi

		S/N		7450304064R5013B	
		Mod.		Masterplat Pgs	
		w.d.			
N.		Ref.			Kg
Un	230 V	V	Ph	1 Ph + N	f Hz
In	5.9	A	Ik	10	Ka 50 Hz
Data				By	

Distinta articoli

Parts list

F01_ART_0000

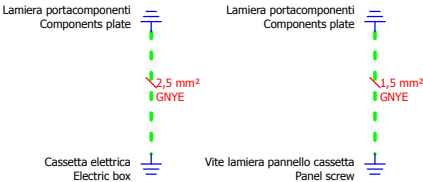
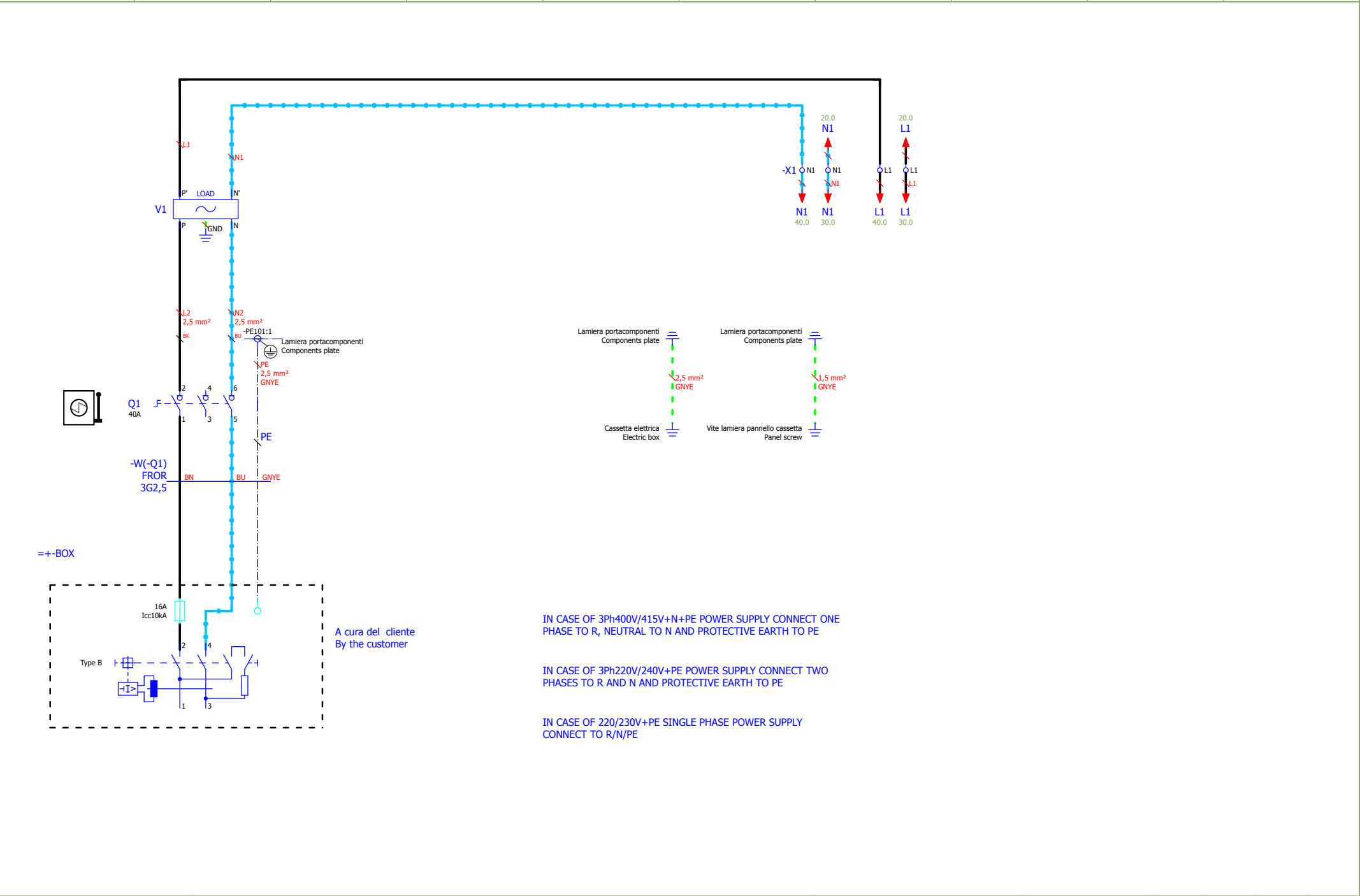
SEF	Designazione Designation	Numero tipo Type number	Produttore Manufacturer	Quantità Quantity	Codice Code	Pagina Page
-BOX	Cassetta elettrica Electric box		Robopac	1	4280300228R5013B	/10.0
-BOX	Pannello cassetta elettrica Electric box panel		Robopac	1	5210300335	/10.0
-V1	Filtro alimentazione Mains filter	FN2070-10-06	Schaffner	1	00L0202680	/10.1
-Q1	Sezionatore 600V 40A 3P Switch-disconnector 600V 40A 3P	OT40FT3	ABB	1	0099000193H	/10.1
-Q1	Maniglia retroquadro GRI-NER Handle for door mounted GY-BK	OHBS2RJ		1	0001310774	/10.1
-Q1	Polo aggiuntivo di terra 40A Protective earth terminal 40A	OTPE40FD	ABB	1	0099000398	/10.1
-T1	Inverter Variable speed drives	INV01ROB_1	Robopac	1	1430300239	/20.1
-S5	Selettori a chiave, 2 posizioni, ad impulso Selector switch actuator, 2 Pos., spring-return	M22-WS	Eaton Moeller	1	0001300015G	/20.5
-S5	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/20.5
-S5	Elementi di contatto, 1NA, Fissaggio frontale, Cage clamp Contact element, 1N/O, Front fixing, Cage clamp	M22-CK10	Eaton Moeller	1	0001300024F	/20.5
-S5	Elementi di contatto, 1NC, Fissaggio frontale, Cage clamp Contact element, 1N/C, Front fixing, Cage clamp	M22-CK01	Eaton Moeller	2	0001300027C	/20.5
-T2	Inverter Variable speed drives	INV01ROB_1	Robopac	1	1430300239	/30.1
-U1	Logica Programmabile PLC	PLC02ROB	Robopac	1	1430300228	/40.1
-U3	Scheda Card	DIS01ROB_1	Robopac	1	1430300240	/40.2
-U4	Scheda Card	RJ_01ENC	Robopac	1	1430300125	/40.5
-S2	Pulsante, piatto, blu, ad impulso Pushbutton actuator, flush, blue, spring return	M22-D-B	Eaton Moeller	1	0001300696B	/50.5
-S2	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/50.5
-S2	Elementi di contatto, 1NA, Fissaggio frontale, Cage clamp Contact element, 1N/O, Front fixing, Cage clamp	M22-CK10	Eaton Moeller	2	0001300024F	/50.5
-K1	CONTATTORE AUSILIARIO, 3NO+1NC DC 24V CONTACTOR RELAY, 3NO+1NC DC 24V	3RH2131-2BB40	Siemens	1	00L0116056H	/50.6
-K1	VARISTORE AC 24...48V, DC 24...70V SURGE SUPPRESSOR, VARISTOR, AC 24...48V, DC 24...70V	3RT2916-1BB00	Siemens	1	00L0116090L	/50.6
-K1	CONTATTI AUX. , 1NO+1NC	3RH2911-2HA11	Siemens	1	00L0116096C	/50.6
-S1	Pulsanti per arresto d'emergenza, Sblocco a rotazione Emergency-Stop actuator, non-illuminated , turn to release	M22-PVT	Eaton Moeller	1	0001300005F	/60.3
-S1	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/60.3
-S1	Elementi di contatto, 1NC, Fissaggio frontale, Cage clamp Contact element, 1N/C, Front fixing, Cage clamp	M22-CK01	Eaton Moeller	2	0001300027C	/60.3
-S3	Pulsante, piatto, bianco, ad impulso Pushbutton actuator, flush, white, spring-return	M22-D-W	Eaton Moeller	1	0001307116L	/60.5
-S3	Elementi di contatto, 1NA, Fissaggio frontale, Cage clamp Contact element, 1N/O, Front fixing, Cage clamp	M22-CK10	Eaton Moeller	1	0001300024F	/60.5
-S3	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/60.5
-S4	Pulsante, piatto, nero, ad impulso Pushbutton actuator, flush, black, spring-return	M22-D-S	Eaton Moeller	1	0001300762B	/60.7
-S4	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/60.7
-S4	Elementi di contatto, 1NC, Fissaggio frontale, Cage clamp Contact element, 1N/C, Front fixing, Cage clamp	M22-CK01	Eaton Moeller	1	0001300027C	/60.7
-SQ1	Finecorsa Limit switch	FR-1630-M1	Pizzato	1	0001309638L	/70.6
-X3	Frutto Maschio, 4poli + Gnd Male insert, 4P+GND	CKM 04	Ilme	1	0001353017F	/80.0
-X3	Custodia con piolini Mobile case	MK-V20	Ilme	1	0001357351H	/80.0
-X3.1	Frutto Femmina, 4poli + Gnd Female insert, 4P+GND	CKF 04	Ilme	1	0001353016D	/80.0
-X3.1	Custodia con leva Mobile case	MK-VG20	Ilme	1	0001357358D	/80.0
-SQ7	Sensore induttivo, M12 PNP NO Proximity switch, M12 PNP NO	AM6/AP-2H	Microdetectors	1	0202300001	/80.3
-U11	Scheda Card	PRES03ROB	Robopac	1	1430300220	/90.0
-SQ3	Cella di carico Loading cell	FFL 2K 0250AF	Nbc Elettronica	1	0204300004	/90.1

Distinta articoli

Parts list

F01_ART_0000

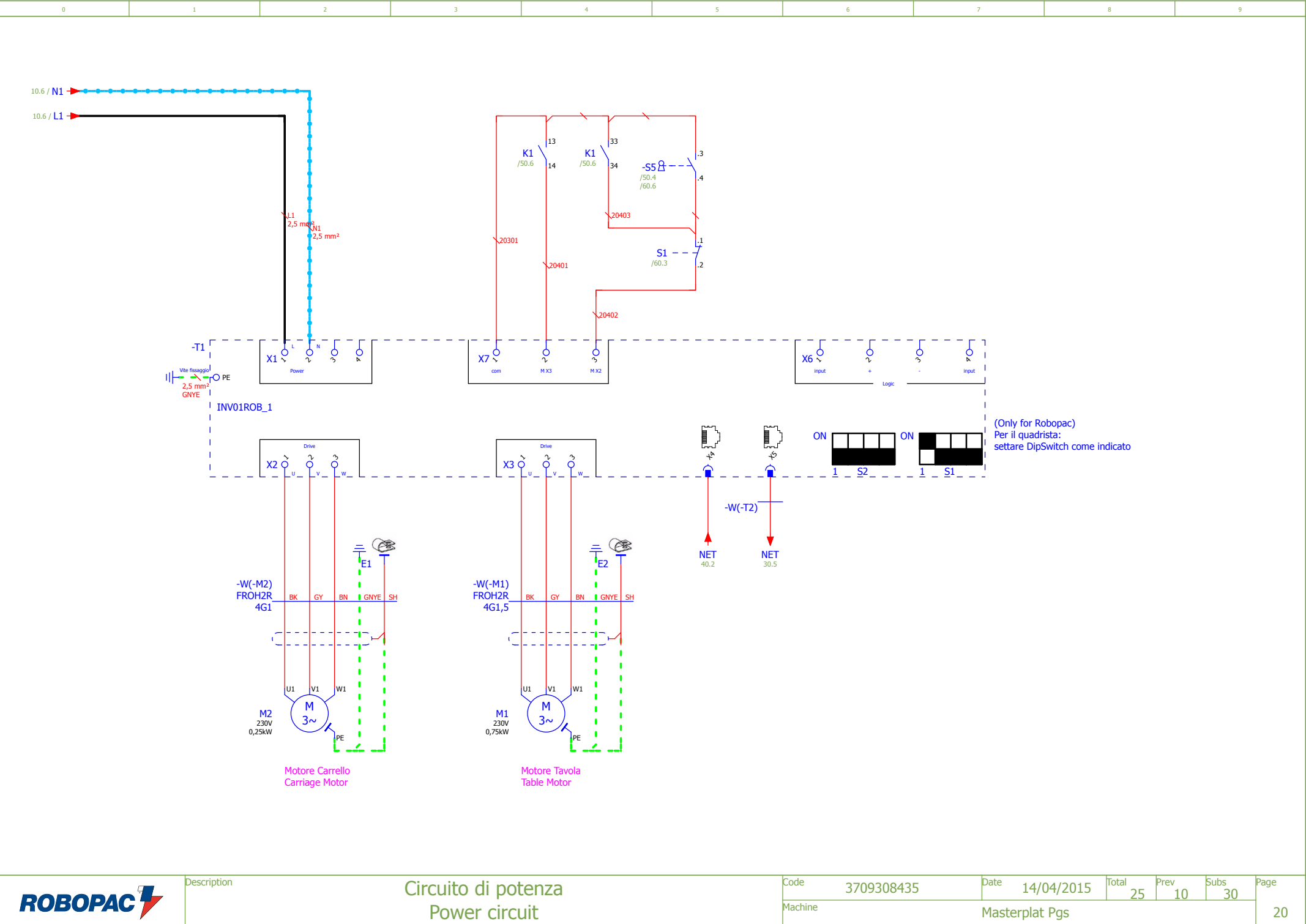
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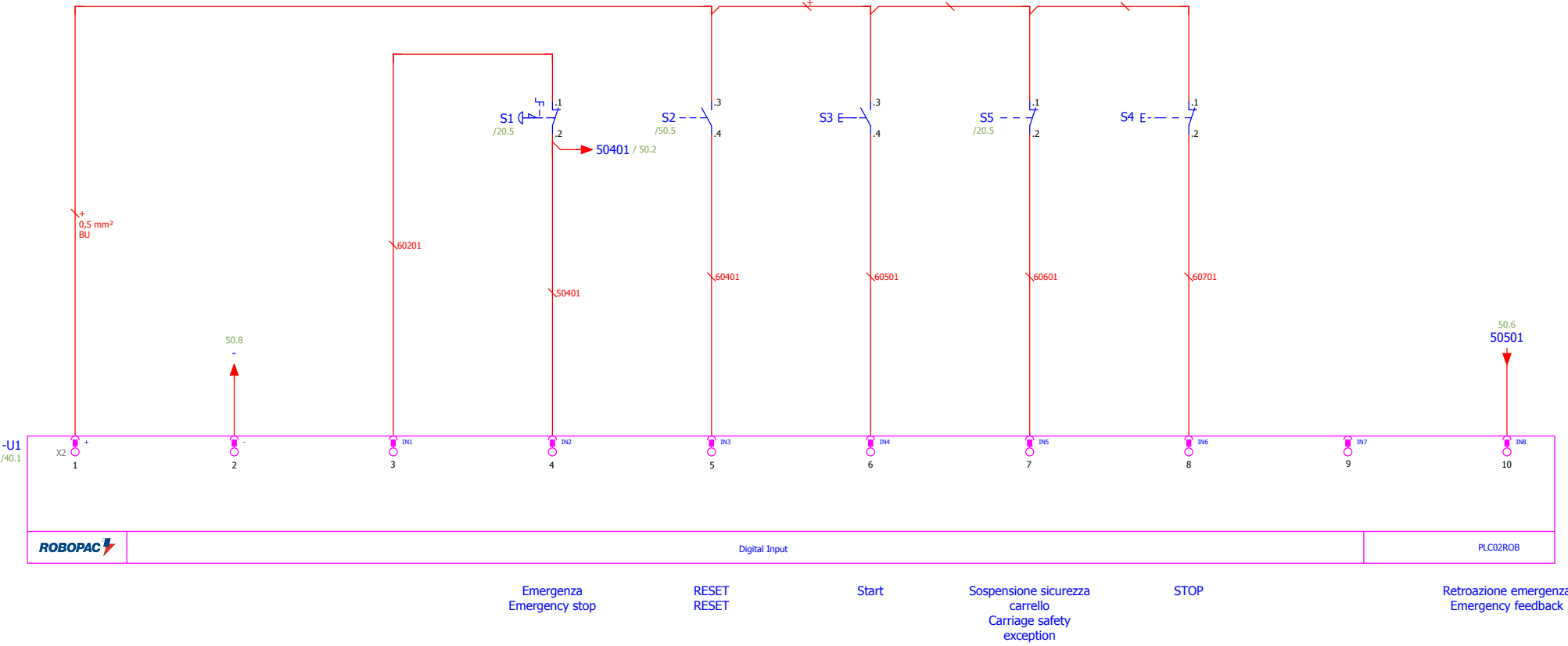
IN CASE OF 3Ph400V/415V+N+PE POWER SUPPLY CONNECT ONE PHASE TO R, NEUTRAL TO N AND PROTECTIVE EARTH TO PE

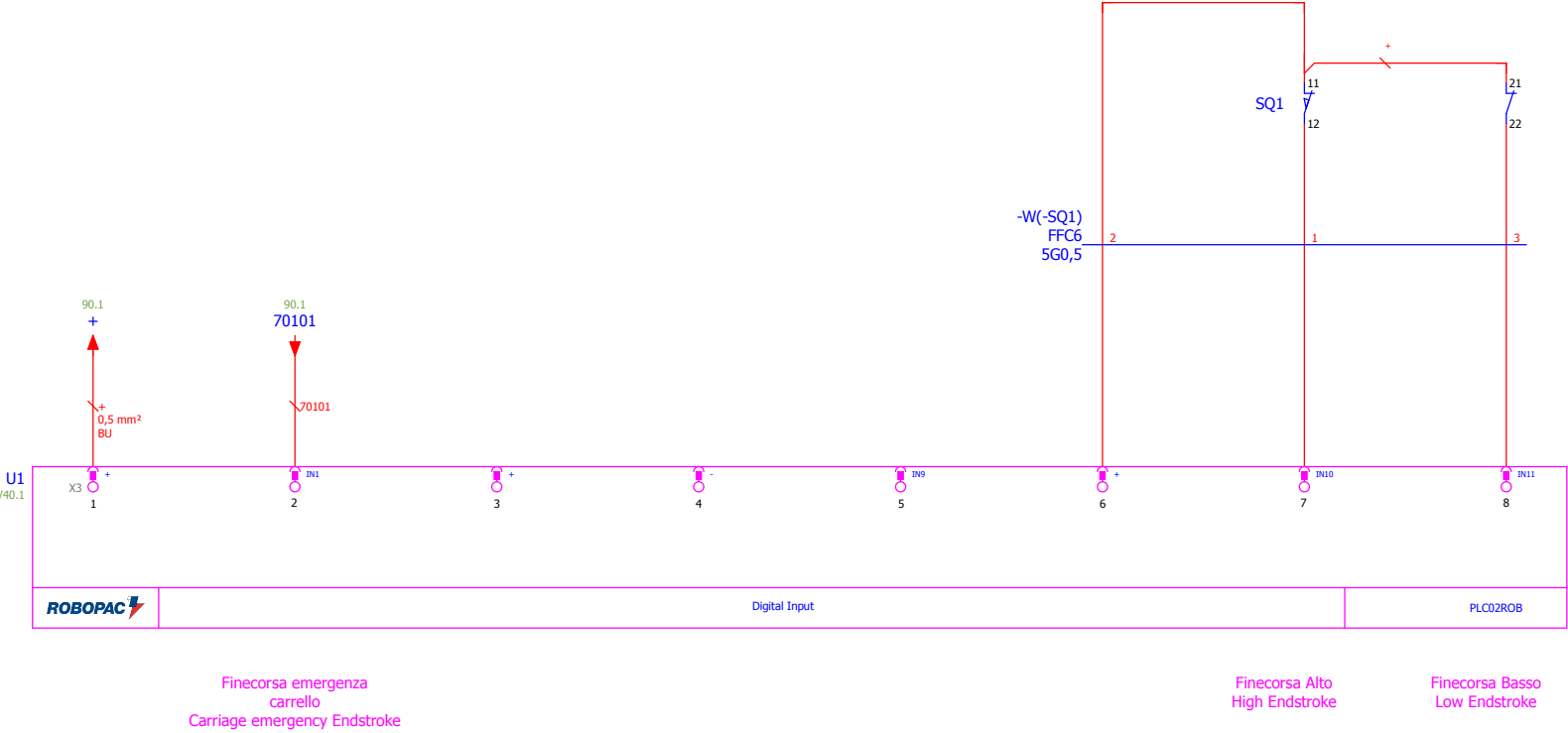
IN CASE OF 3Ph220V/240V+PE POWER SUPPLY CONNECT TWO PHASES TO R AND N AND PROTECTIVE EARTH TO PE

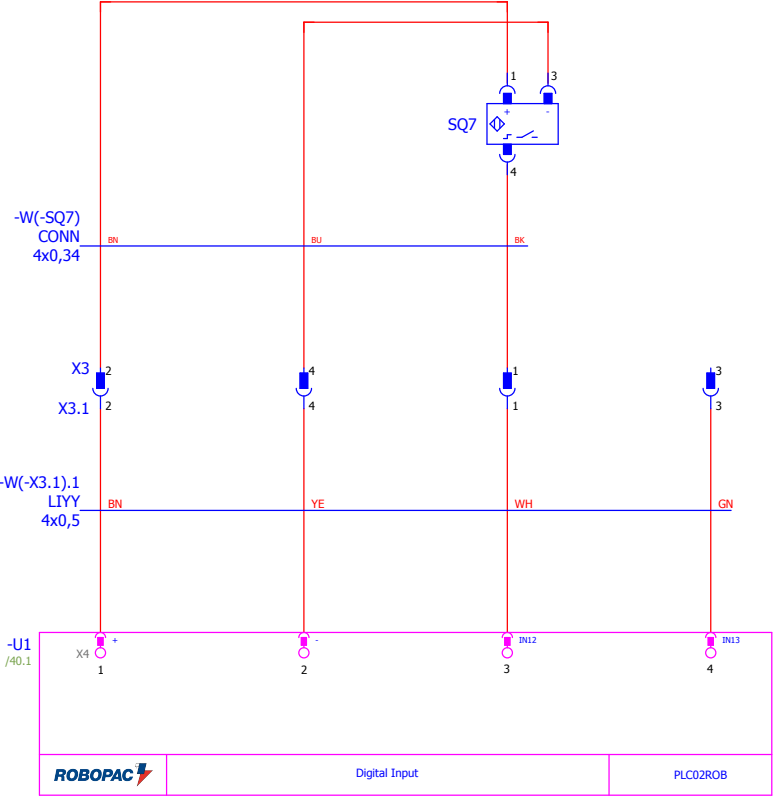
IN CASE OF 220/230V+PE SINGLE PHASE POWER SUPPLY CONNECT TO R/N/PE



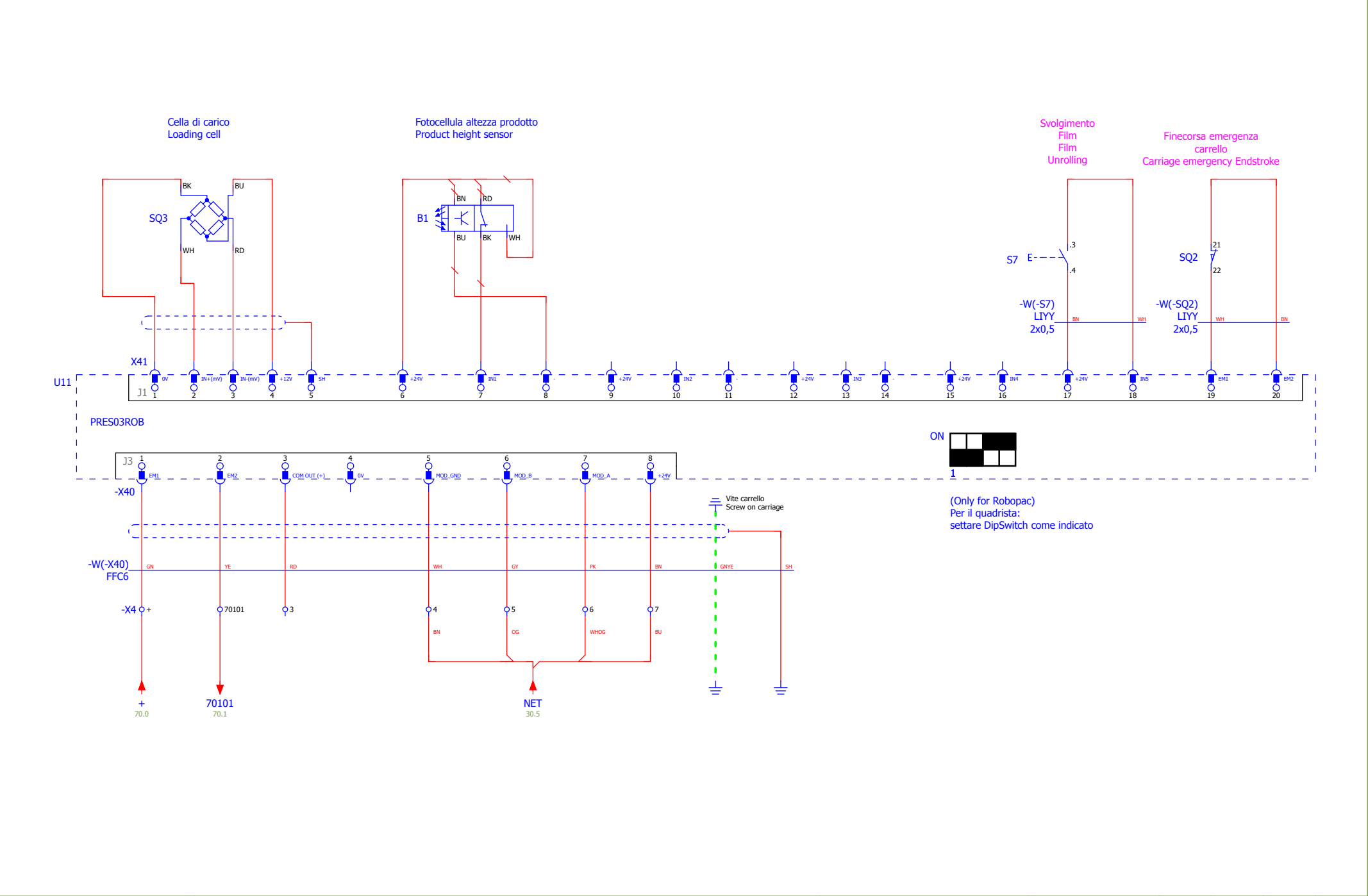


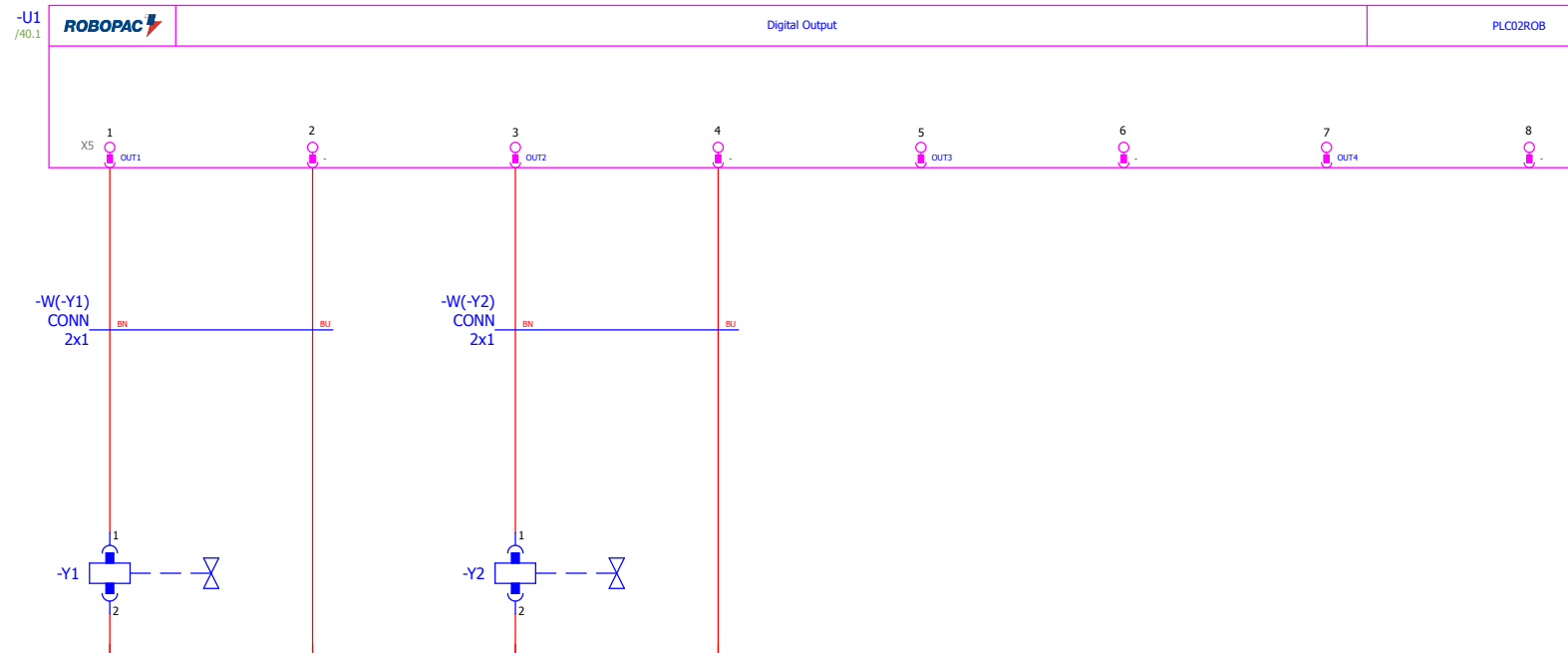






Fase Tavola
Table Phase





Discesa pressione
Pressure downward

(Optional)

Salita pressione
Pressure upward

(Optional)



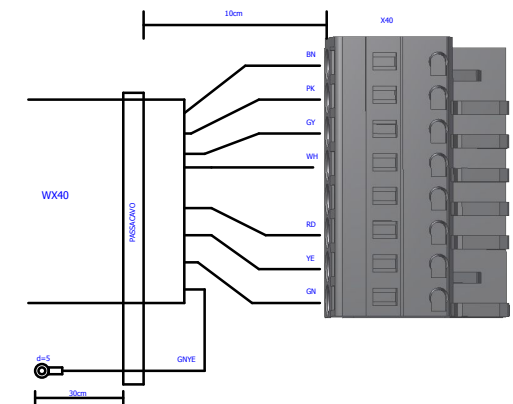
Per il quadrista: W0 deve proseguire fino a Q1 passando nella parte inferiore della cassetta (sotto il filtro).

Finecorsa alto/basso



Posizionare la leva 90° a sinistra.

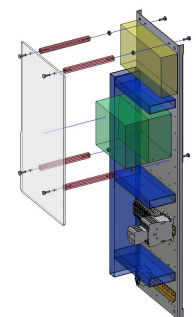
- 11 - Filo 2
- 12 - Filo 1
- 21 - Ponte con contatto 11
- 22 - Filo 3

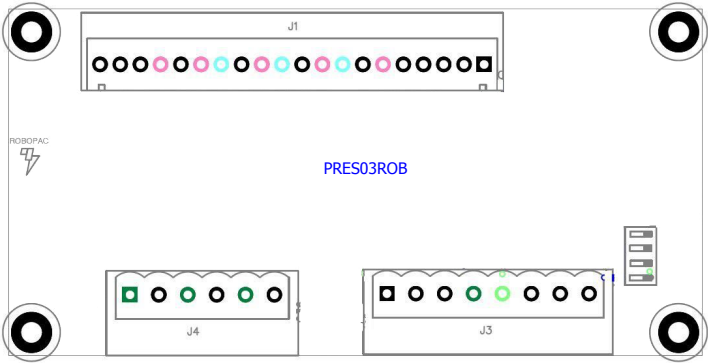
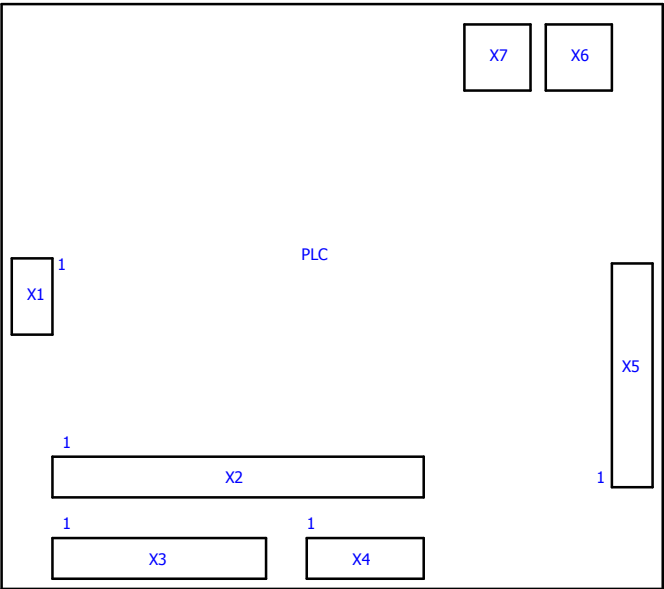
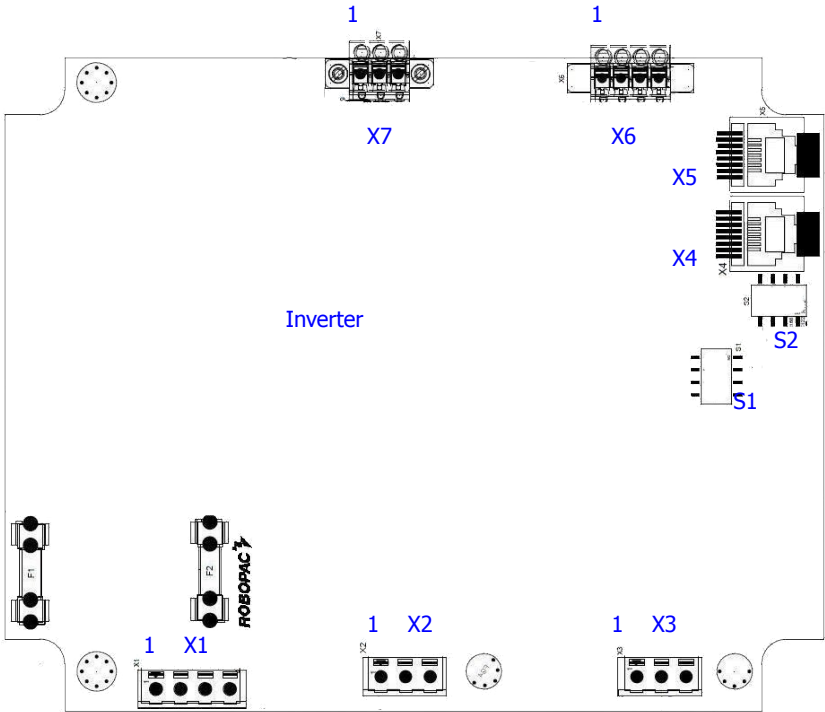


Montaggio display



Montaggio plexiglass



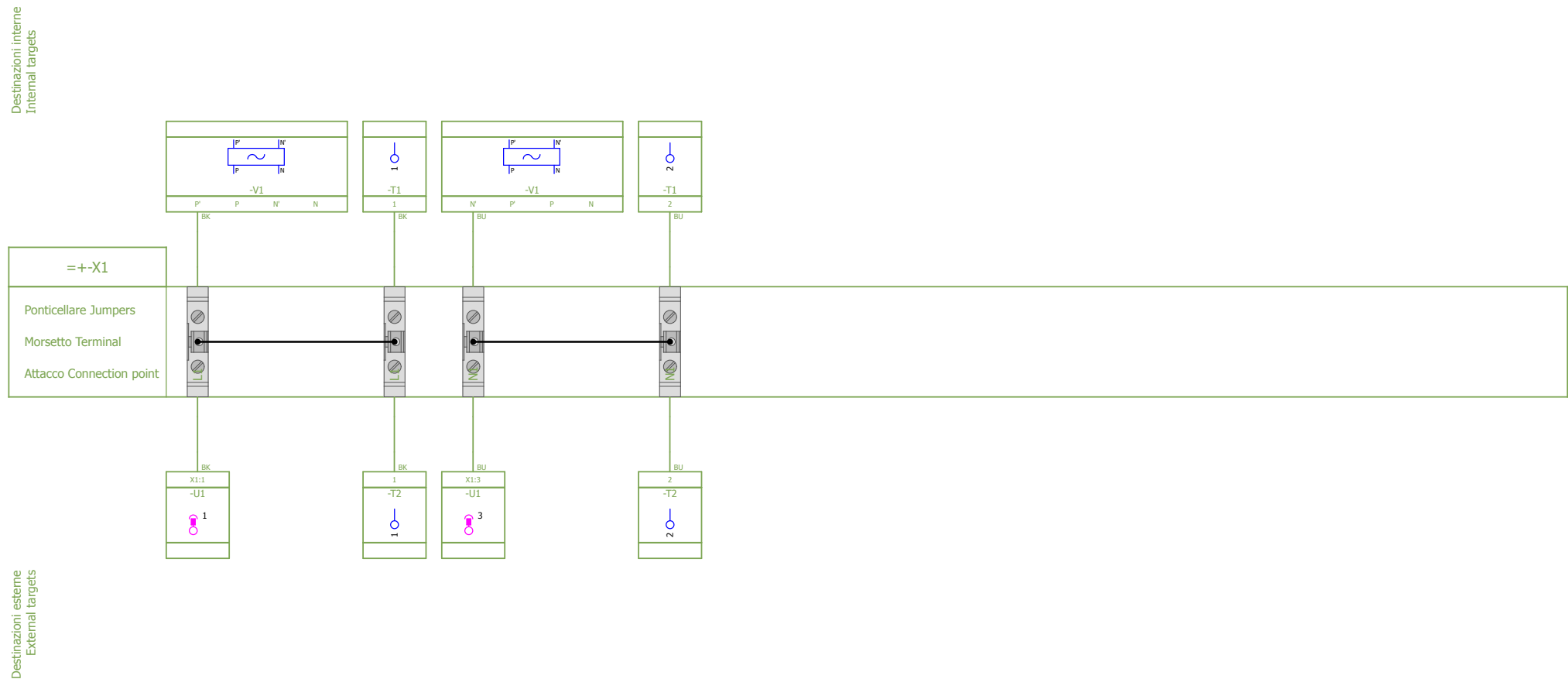


Sommario cavi

Cavo	Origine	N° Conduttori	conduttori utilizzati	Sezione	Capicorda origine	Spelatura origine (cm)	Lunghezza fuori cassetta (m)	Spelatura destinazione (cm)	Capicorda destinazione	Destinazione	Note
-W(-M1)	-T1;-E2	4G	5	1,5 mm²	--	10	2,8	7	Occhiello d=4, Gnd e sch d=5	-M1	
-W(-M2)	-T1;-E1	4G	4	1 mm²	--	10	2,6	7	Occhiello d=4, Gnd e sch d=5	-M2	
-W(-M3)	-T2;-E3	4G	5	1 mm²	--	10	3,4	7	Occhiello d=4, Gnd e sch d=5	-M3	In catena portacavo
-W(-Q1)		3G	3	2,5 mm²		15	2,8	7	Puntalino	-Q1	
-W(-SQ1)	-U1	5G	3	0,5 mm²	--	7	2,85	7	Puntalino	-SQ1	In catena portacavo
-W(-X3.1).1	-U1	4	4	0,5 mm²	--	7	2,5	7	Puntalino	-X3.1	
-W(-X40)	-X4		8		--	10	3,3	7	--	-X40	In catena portacavo

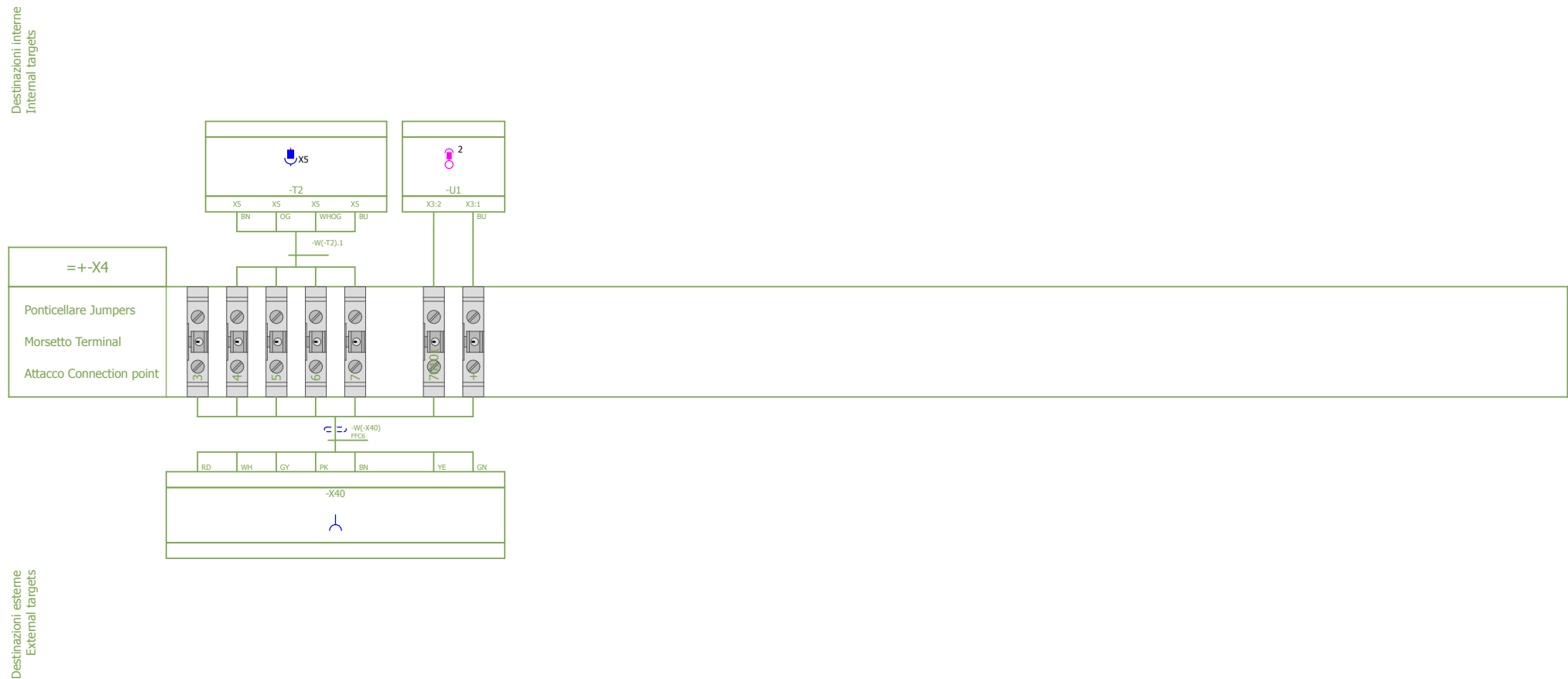
Schema allacciamento morsetti

Terminal-connection diagram



Schema allacciamento morsetti

Terminal-connection diagram



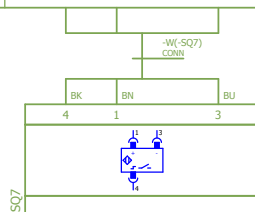
Schema allacciamento connettori

Pin-connection diagram

Destinazioni interne



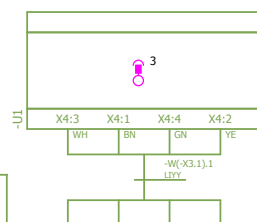
Attacco



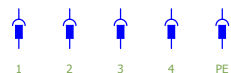
Destinazioni esterne

Schema allacciamento connettori

Destinazioni interne


$$= \pm X_{3.1}$$


Attacco

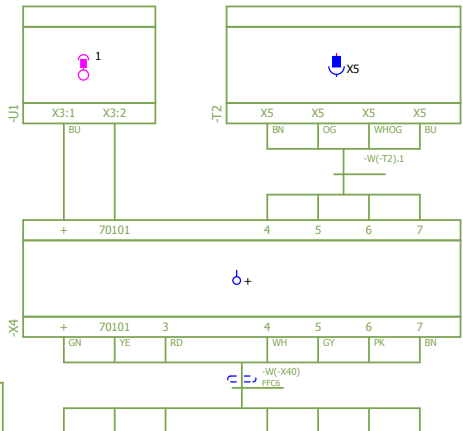


Destinazioni esterne

Schema allacciamento connettori

Pin-connection diagram

Destinazioni interne



=+-X40

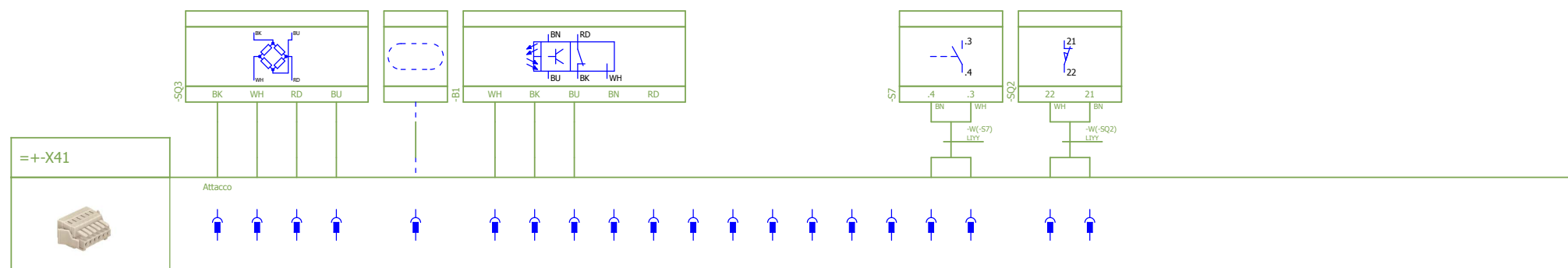


Destinazioni esterne



Schema allacciamento connettori

Destinazioni interne



Destinazioni esterne