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Repubblica di San Marino

Modello Macchina Machine Model Maschine Modell Modele de la Machine Modelo Maquina	Boomerang 212/214 C		Numero Matricola Machine Serial Number Maschine Kennnummer Numero de Matricule Numero de Matricula		
Tensione di alimentazione Power Supply Voltage Spannungsversorgung Voltage electrique Tension de Alimentacion	230 V	50 Hz	Potenza Installata Installed Power Installierte Leistung Puissance installée Potencia Instalada	1.9/2.3 kW	Corrente Assorbita Absorbed Current Stromaufnahme Absorption Electrique Absorcion
Control cabinet code	7450307060R7040B		Revision index	00	Bill number 3209
			Costruire secondo specifica tecnica 50.1.1 Controllare con scheda di collaudo		
			212-C_7450307060		
Edited by	Savioli V.		Checked by	Ridolfi A.	Approved by Casale C.



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**Copertina
Cover sheet**

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		163	Morsettiera 24Vdc 24Vdc terminalboard		09/10/2020	Iperoni
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		165	Morsettiera braccio mobile Mobile arm terminalboard		09/10/2020	Iperoni



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		171	Connettore ausiliari, braccio fisso Aux connector, fixed arm		09/10/2020	Iperoni
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		174	Connettore potenza, braccio mobile Power connector, mobile arm		09/10/2020	Iperoni
		175	Connettore ausiliari, braccio mobile Aux connector, mobile arm		09/10/2020	Iperoni
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		177	Connettore ausiliari, braccio mobile Aux connector, mobile arm		09/10/2020	Iperoni
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Ik		10		Ka	
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Targhetta quadro elettrico
Plate control cabinet

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DT	Designazione Designation	Numero tipo Type number	Produttore Manufacturer	Quantità Quantity	Codice Code	Pagina Page
-V1	Filtro alimentazione Main filter	10SS4-2DC2-Q (10S42EC2)	Comestero Sistemi	1	00L0430751D	/10.1
-Q1	Sezionatore 600V 40A 3P Switch-disconnector 600V 40A 3P	OT40FT3	ABB	1	0099000193H	/10.1
-Q1	Polo aggiuntivo di terra 40A Protective earth terminal 40A	OTPE40FD	ABB	1	0099000398	/10.1
-Q1	Maniglia retroquadro GRI-NER Handle for door mounted GY-BK	OHBS2RJ	ABB	1	0001310774	/10.1
-X1	Morsetto passante per 4 conduttori 4-conductor through terminal block	2002-1401	WAGO	4	00L0074297L	/10.4
-T1	Inverter Variable speed drives	INV01ROB_4	Robopac	1	1430300278	/20.1
-X7.1	Custodia volante, taglia 16 B Hood	19 30 016 1521	Harting	1	0001309936B	/20.1
-X7.1	Inserto femmina, 16p + Gnd Han 16 ES Female insert, 16p + Gnd Han 16 ES	09 33 016 2716	Harting	1	0001352052H	/20.1
-X7.11	Custodia fissa da incasso, taglia 16 B Bulkhead mounting	09 30 016 0301	Harting	1	0001353030C	/20.1
-X7.11	Inserto maschio, 16p + Gnd Han 16 ES Male insert, 16p + Gnd Han 16 ES	09 33 016 2616	Harting	1	0001353562B	/20.1
-X6	Distributore elettrico Slip ring	1131935-01	Ltn Servotechnik	1	1160300011	/20.2
-X5.1	Custodia volante, taglia 24 B Hood	19 30 024 1522	Harting	1	00L0038006H	/20.5
-X5.1	Inserto femmina, 24p + Gnd Han 24 ES Female insert, Han 24 ES	09 33 024 2716	Harting	1	0001352053A	/20.5
-X5.11	Custodia fissa da incasso, taglia 24 B Bulkhead mounting	09 30 024 0301	Harting	1	0001347418L	/20.5
-X5.11	Inserto maschio, 24p + Gnd Han 24 ES Male insert, Han 24 ES	09 33 024 2616	Harting	1	0001353563D	/20.5
-T2	Inverter Variable speed drives	INV01ROB_4	Robopac	1	1430300278	/30.1
-Q5	Magnetic termica del motore Circuit Breaker TeSys GV2P - 3P - 0.4...0.63 A Thermal Magnetic Motor Circuit Breaker TeSys GV2P - 3P - 0.4...0.63 A	GV2P04	Schneider Electric	1	0001351718B	/40.2
-Q5	TeSys GVAE113 - contatto ausiliario - 1 NO + 1 NC TeSys GVAE113 - auxiliary contact - 1 NO + 1 NC	GVAE113	Schneider Electric	1	0001340848D	/40.2
-U1	Logica Programmabile PLC	PLC01ROB_1	Robopac	1	1430300238	/50.1
-R2	Varistore Varistor	MOV 75V S07K75		1	1340300011	/50.3
-V2	Diodo Diode	BAT46 SCHOTTKY 100V 0.15A		1	1340300010	/50.3
-X3	Morsetto passante per 4 conduttori 4-conductor through terminal block	2002-1401	WAGO	6	00L0074297L	/50.4
-X5.2	Custodia volante, taglia 16 B Hood	19 30 016 1521	Harting	1	0001309936B	/60.0
-X5.2	Inserto femmina, 16p + Gnd Han 16 ES Female insert, 16p + Gnd Han 16 ES	09 33 016 2716	Harting	1	0001352052H	/60.0
-X5.21	Custodia fissa da incasso, taglia 16 B Bulkhead mounting	09 30 016 0301	Harting	1	0001353030C	/60.0
-X5.21	Inserto maschio, 16p + Gnd Han 16 ES Male insert, 16p + Gnd Han 16 ES	09 33 016 2616	Harting	1	0001353562B	/60.0
-X10	Custodia con leva Cable to cable hood	19 20 003 0720	Harting	1	0001309950A	/60.0
-X10	Modulo per contatti femmina, 12Poli+T, 400V 10A	09 12 012 3104	Harting	1	1070300024	/60.0
-X10	Contatto femmina, 0.14-0.37mm ² Female contact, 0.14-0.37mm ²	09 15 000 6204	Harting	8	1070300021	/60.0
-X10	Contatto femmina, 0.5mm ² Female contact, 0.5mm ²	09 15 000 6203	Harting	4	0001309956D	/60.0
-X10.1	Custodia con piolini Hood	19 20 003 0420	Harting	1	0001309948G	/60.0
-X10.1	Modulo per contatti maschi, 12Poli+T, 400V 10A	09 12 012 3004	Harting	1	1070300023	/60.0
-X10.1	Contatto maschio, 0.14-0.37mm ² Male contact, 0.14-0.37mm ²	09 15 000 6104	Harting	12	0001309955B	/60.0
-X11	Custodia con leva Cable to cable hood	19 20 003 0720	Harting	1	0001309950A	/60.0
-X11	Modulo per contatti femmina, 12Poli+T, 400V 10A	09 12 012 3104	Harting	1	1070300024	/60.0
-X11	Contatto femmina, 0.14-0.37mm ² Female contact, 0.14-0.37mm ²	09 15 000 6204	Harting	12	1070300021	/60.0
-X11.1	Custodia con piolini Hood	19 20 003 0420	Harting	1	0001309948G	/60.0
-X11.1	Modulo per contatti maschi, 12Poli+T, 400V 10A	09 12 012 3004	Harting	1	1070300023	/60.0



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-X11.1	Contatto maschio, 0.14-0.37mm ² Male contact, 0.14-0.37mm ²	09 15 000 6104	Harting	8	0001309955B	/60.0
-X11.1	Contatto maschio, 0.5mm ² Male contact, 0.5mm ²	09 15 000 6103	Harting	4	1070300022	/60.0
-X7.2	Custodia volante, taglia 10 B Hood	19 30 010 1520	Harting	1	0001309935L	/60.0
-X7.2	Inserito femmina, 10p + Gnd Han 10 ES Female insert, Han 10 ES	09 33 010 2716	Harting	1	0001352049C	/60.0
-X7.21	Custodia fissa da incasso, taglia 10 B Bulkhead mounting	09 30 010 0301	Harting	1	0001347031G	/60.0
-X7.21	Inserito maschio, 10p + Gnd Han 10 ES Male insert, Han 10 ES	09 33 010 2616	Harting	1	0001352054C	/60.0
-U12	Modulo di sicurezza Safety module	SG-BWS-T4	Datalogic	1	0001318830G	/60.1
-X4	Morsetto passante per 2 conduttori 2-conductor through terminal block	2002-1201	WAGO	12	00L0074290D	/60.3
-W-B2	Cavo M12 4Poli Fem 90° 5,0m M12 Cable 4P Fem 90° 5,0m	M12 4P FEM 90GR 5,0M		1	0001313340B	/60.4
-B2	Fotocellula emettitore Emitter light barrier	S5-5-G8-62-SG-ST2	Datalogic	1	0001310821L	/60.4
-W-B3	Cavo M12 4Poli Fem 90° 5,0m M12 Cable 4P Fem 90° 5,0m	M12 4P FEM 90GR 5,0M		1	0001313340B	/60.5
-B3	Fotocellula ricevitore Receiver light barrier	S5-5-F8-92-SG-ST2	Datalogic	1	0001310822B	/60.5
-U14	Relé box Relay box	CS-ME-03VU24-Y14	Datalogic	1	1580300000	/65.2
-U8	Modulo di sicurezza Safety relay	CS-AT-10V024-TF0.3	Pizzato	1	1400300007	/70.1
-S1	Pulsanti per arresto d'emergenza, Sblocco a rotazione Emergency-Stop actuator, non-illuminated , turn to release	M22-PVT	Eaton Moeller	1	0001300005F	/70.3
-S1	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/70.3
-S1	Elementi di contatto, 1NC, Fissaggio frontale, Cage clamp Contact element, 1N/C, Front fixing, Cage clamp	M22-CK01	Eaton Moeller	1	0001300027C	/70.3
-S1	Elementi di contatto, 1NA, Fissaggio frontale, Cage clamp Contact element, 1N/O, Front fixing, Cage clamp	M22-CK10	Eaton Moeller	1	0001300024F	/70.3
-S2	Pulsante, piatto, blu, ad impulso Pushbutton actuator, flush, blue, spring return	M22-D-B	Eaton Moeller	1	0001300696B	/70.4
-S2	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/70.4
-S2	Elementi di contatto, 1NA, Fissaggio frontale, Cage clamp Contact element, 1N/O, Front fixing, Cage clamp	M22-CK10	Eaton Moeller	2	0001300024F	/70.4
-U13	Scheda Card	LED01ROB	Robopac	1	1430300245	/80.0
-W-X9	Cavo M12 4Poli Fem 5,0m M12 Cable 4P Fem 5,0m	M12 4P FEM 5,0M		1	0001313474	/80.1
-U11	Scheda Card	PRES04ROB_SW107	Robopac	1	1430300291	/80.5
-R1	Cella di carico Loading cell	FFL 2K 0250AF	Nbc Elettronica	1	0204300004	/80.6
-S3	Pulsante, piatto, bianco, ad impulso Pushbutton actuator, flush, white, spring-return	M22-D-W	Eaton Moeller	1	0001307116L	/90.3
-S3	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/90.3
-S3	Elementi di contatto, 1NA, Fissaggio frontale, Cage clamp Contact element, 1N/O, Front fixing, Cage clamp	M22-CK10	Eaton Moeller	1	0001300024F	/90.3
-S4	Pulsante, piatto, nero, ad impulso Pushbutton actuator, flush, black, spring-return	M22-D-S	Eaton Moeller	1	0001300762B	/90.4
-S4	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/90.4
-S4	Elementi di contatto, 1NC, Fissaggio frontale, Cage clamp Contact element, 1N/C, Front fixing, Cage clamp	M22-CK01	Eaton Moeller	1	0001300027C	/90.4
-W-SQ4	Cavo M12 4Poli Fem 90° 5,0m M12 Cable 4P Fem 90° 5,0m	M12 4P FEM 90GR 5,0M		1	0001313340B	/90.7
-SQ4	Sensore induttivo, M18 PNP NO Proximity switch, M18 PNP NO	E2B-M18LS08-M1-B1	Omron	1	00L0266313	/90.7
-W-B1	Cavo M12 4Poli Fem 90° 5,0m M12 Cable 4P Fem 90° 5,0m	M12 4P FEM 90GR 5,0M		1	0001313340B	/110.1
-B1	Fotocellula Light barrier	S65-PA-5-M13-00	Datalogic	1	00L0365593	/110.1
-S7	Pulsante, piatto, nero, ad impulso Pushbutton actuator, flush, black, spring-return	M22-D-S	Eaton Moeller	1	0001300762B	/110.3
-S7	Supporto per contatti Fixing adapter	M22-A	Eaton Moeller	1	0001300700A	/110.3
-S7	Elementi di contatto, 1NA, Fissaggio frontale, Cage clamp Contact element, 1N/O, Front fixing, Cage clamp	M22-CK10	Eaton Moeller	1	0001300024F	/110.3



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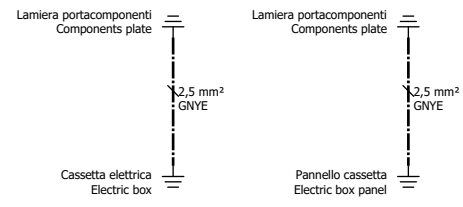
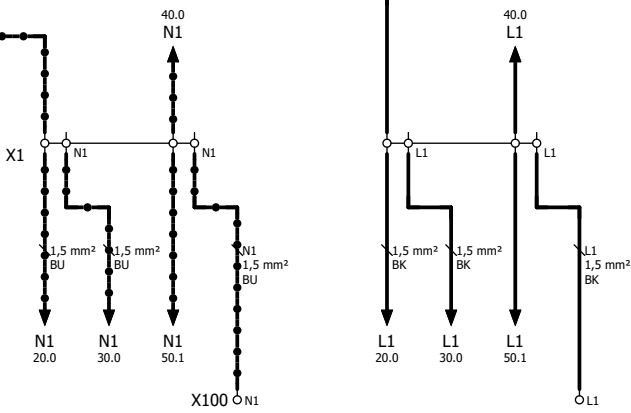
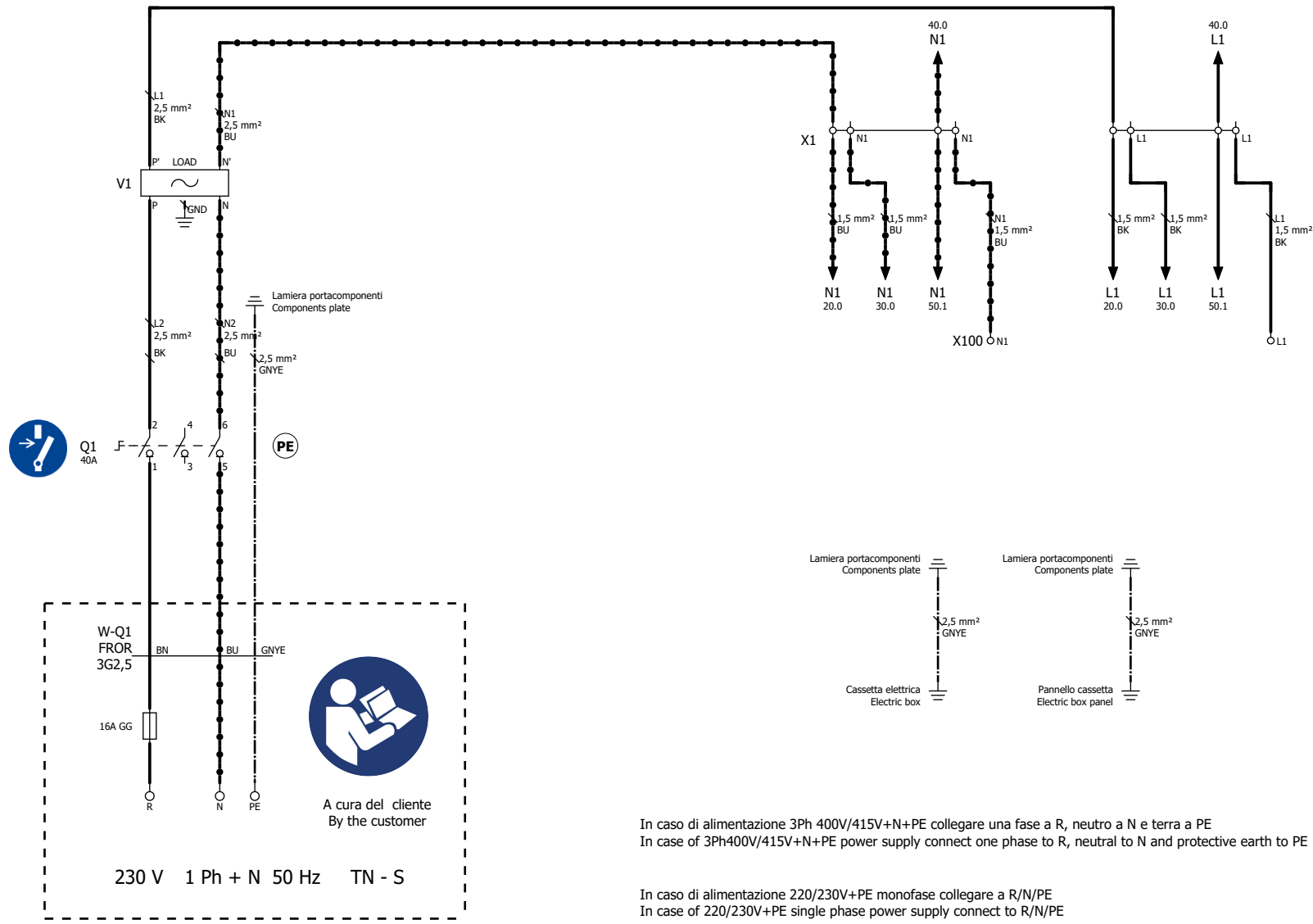
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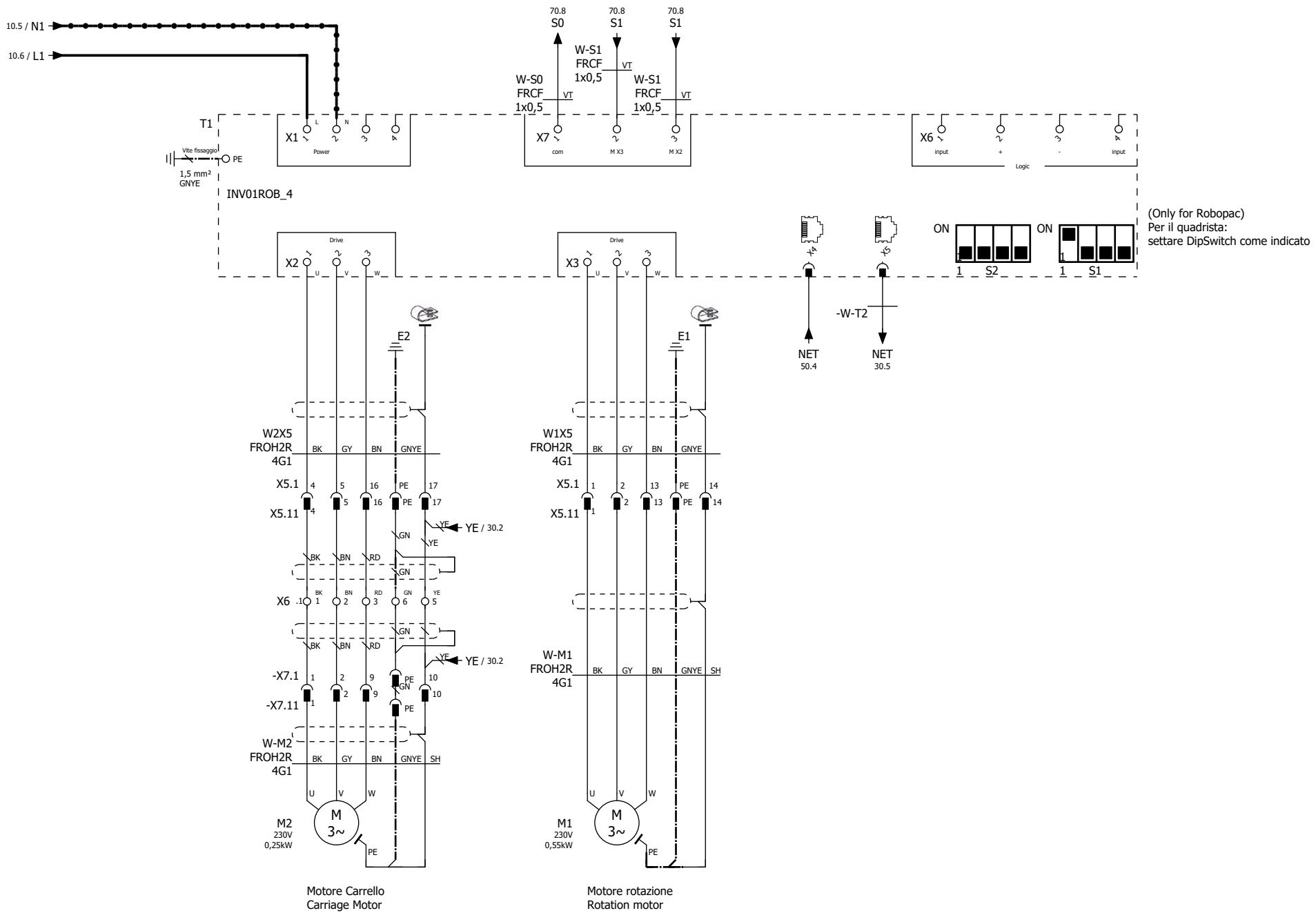
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In caso di alimentazione 3Ph 400V/415V+N+PE collegare una fase a R, neutro a N e terra a PE
 In case of 3Ph400V/415V+N+PE power supply connect one phase to R, neutral to N and protective earth to PE

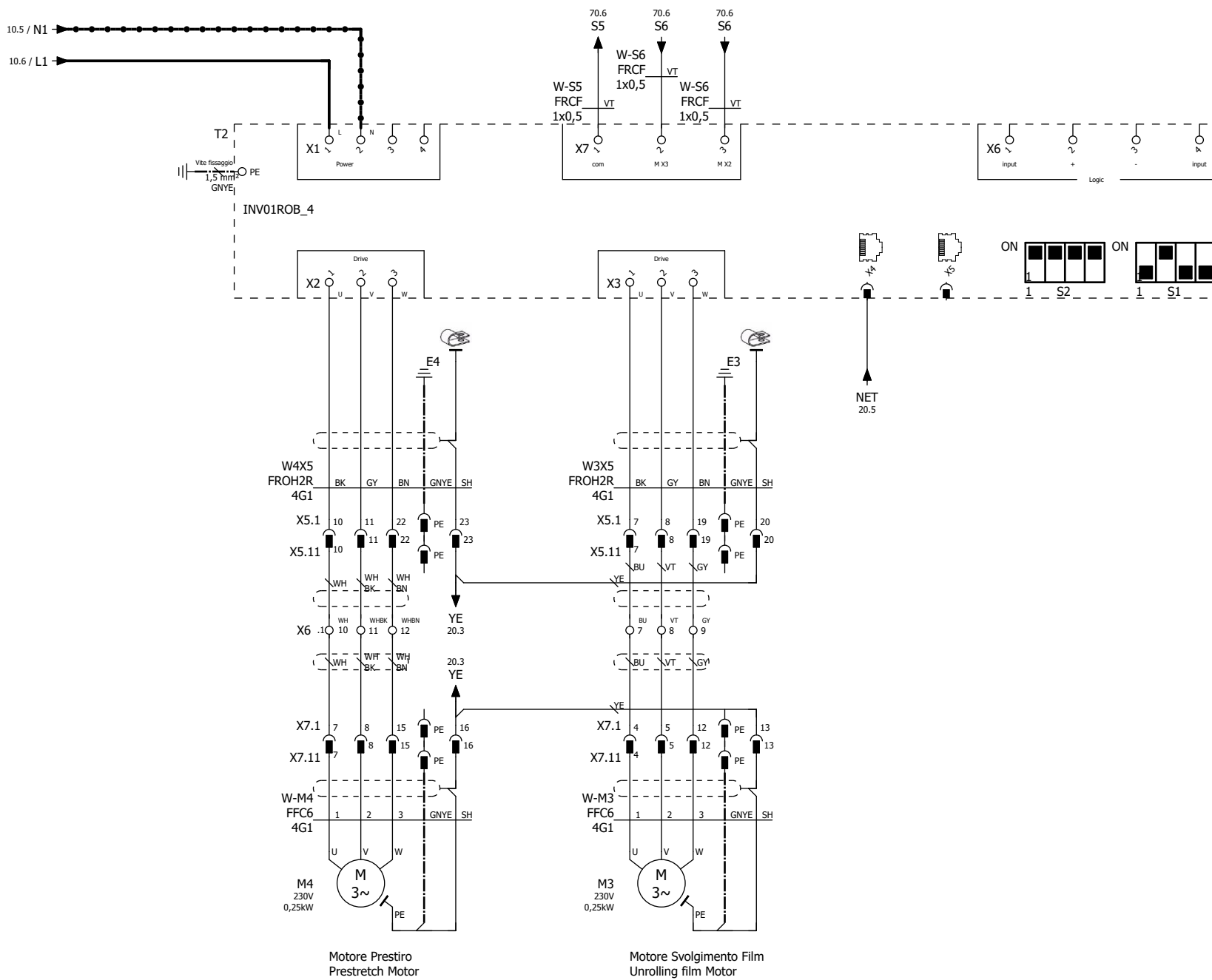
In caso di alimentazione 220/230V+PE monofase collegare a R/N/PE
 In case of 220/230V+PE single phase power supply connect to R/N/PE



Description

Circuito di potenza
Power circuit

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(Only for Robopac)
 Per il quadrista:
 settare DipSwitch come indicato

Motore Prestiro
 Prestretch Motor

Motore Svolgimento Film
 Unrolling film Motor



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Circuito di potenza
 Power circuit

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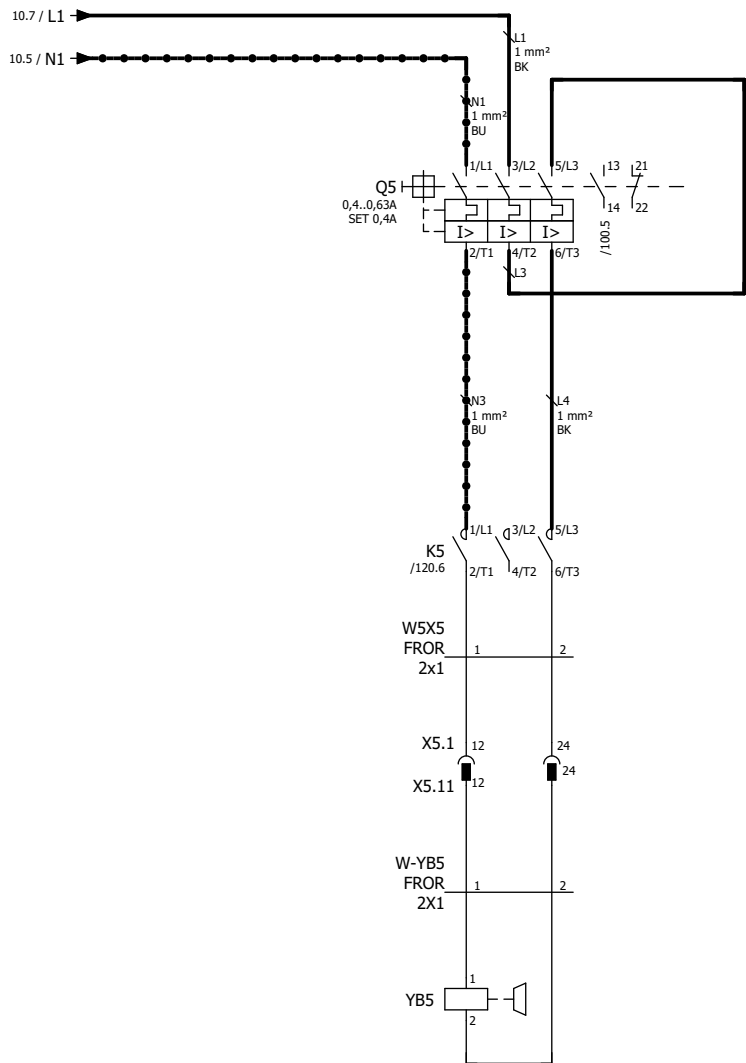
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Freno motore
rotazione
Rotation
motor brake



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Circuito di potenza
Power circuit

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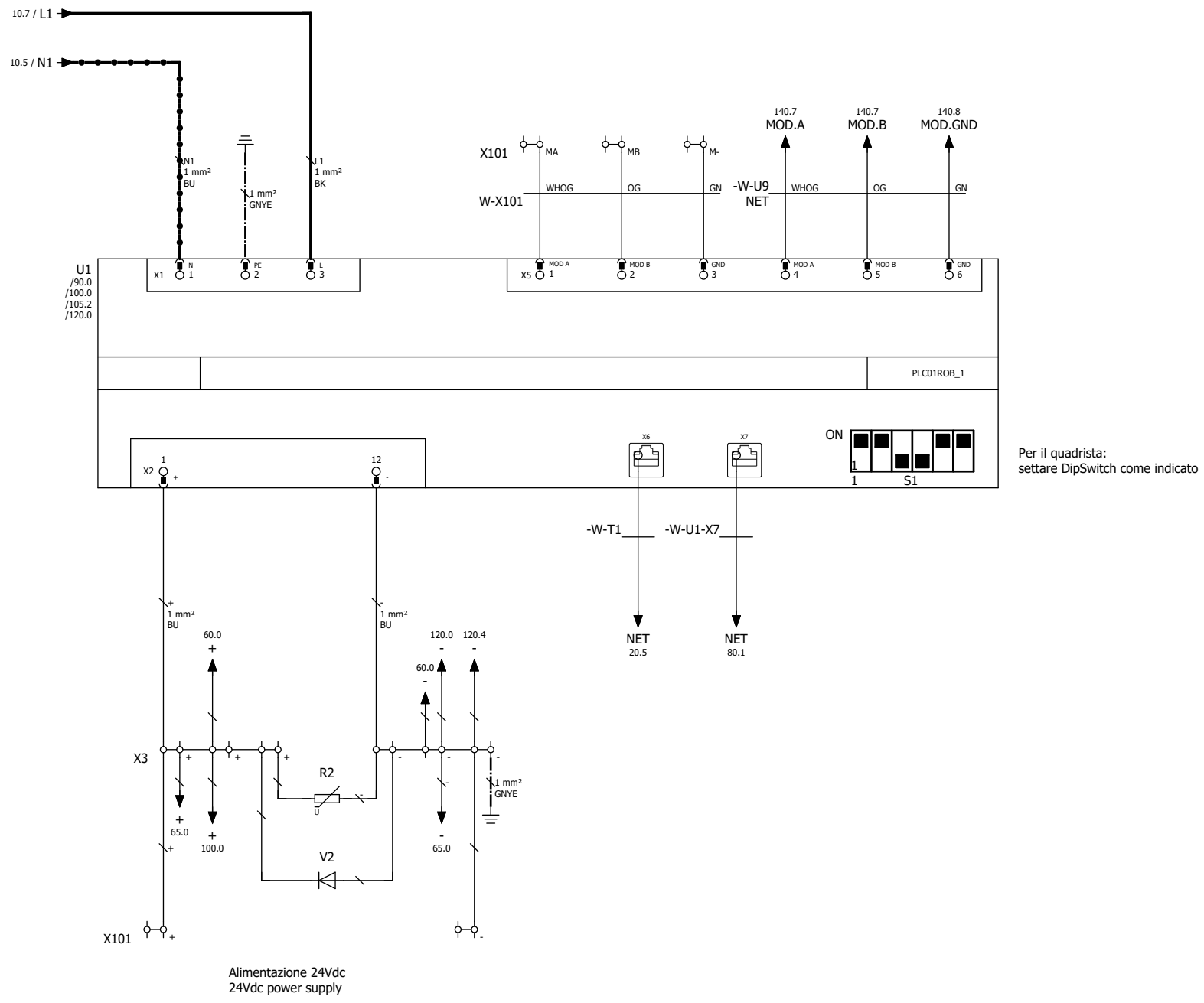
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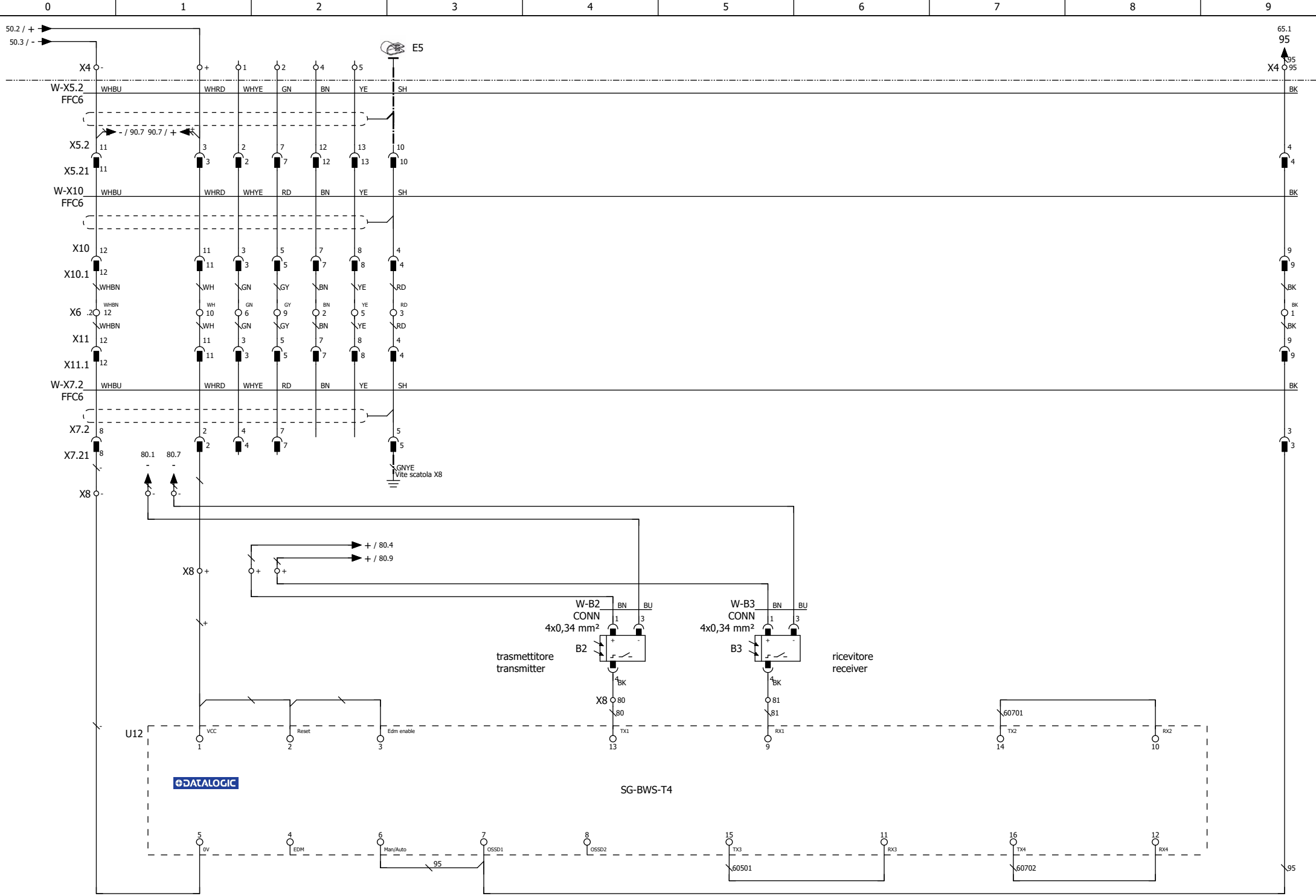
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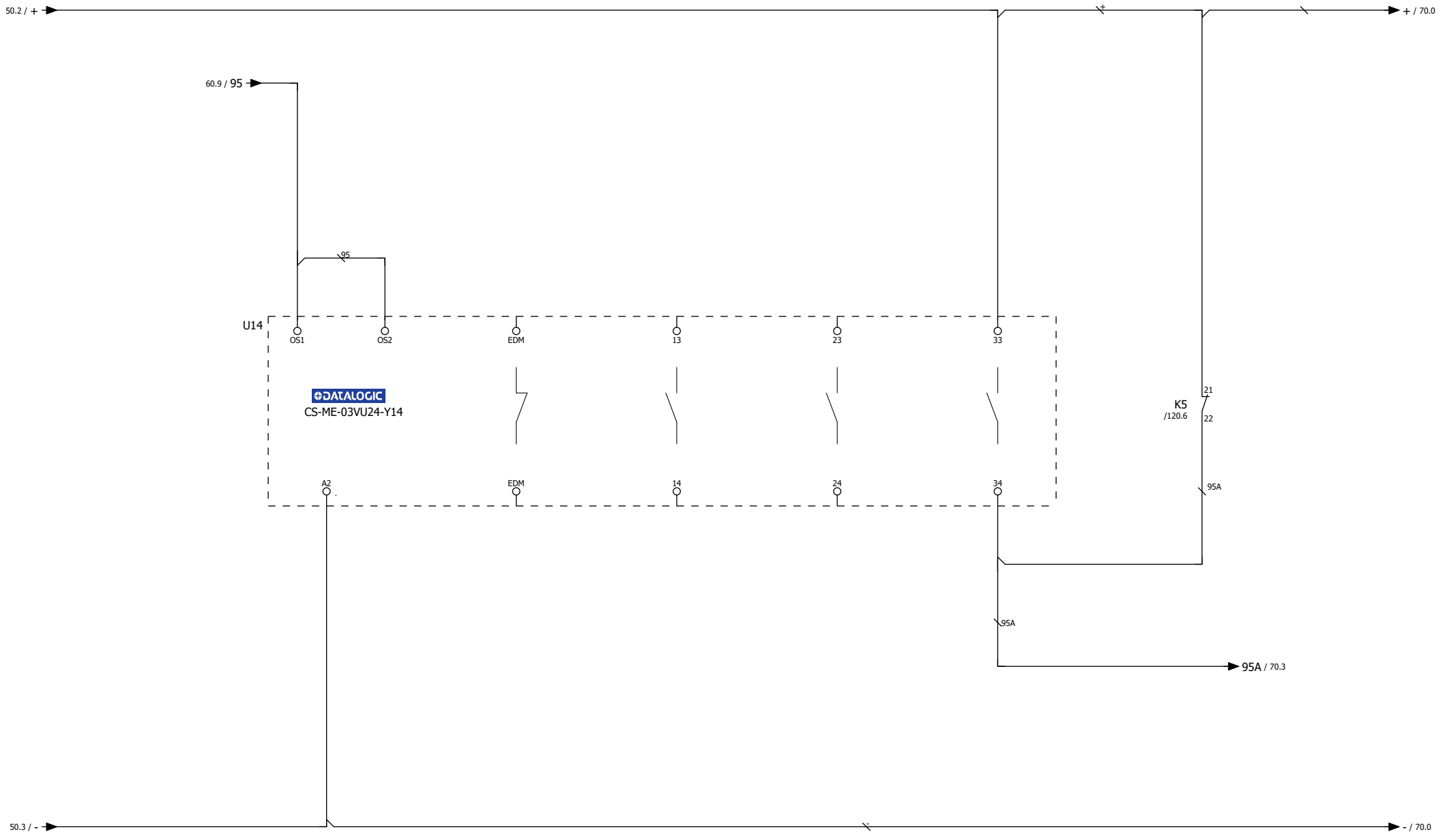
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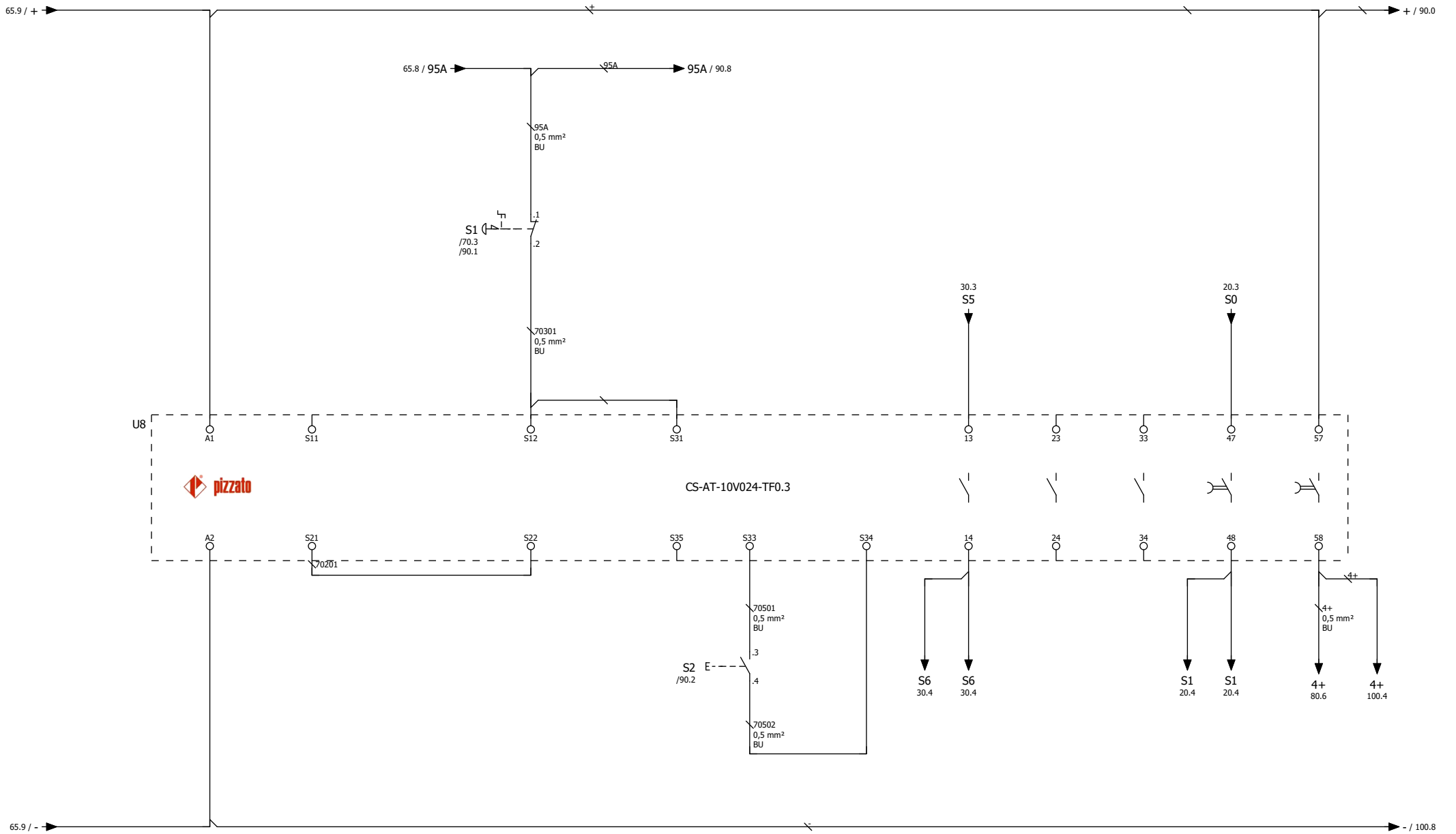






Description
**Circuito emergenza
Emergency Circuit**

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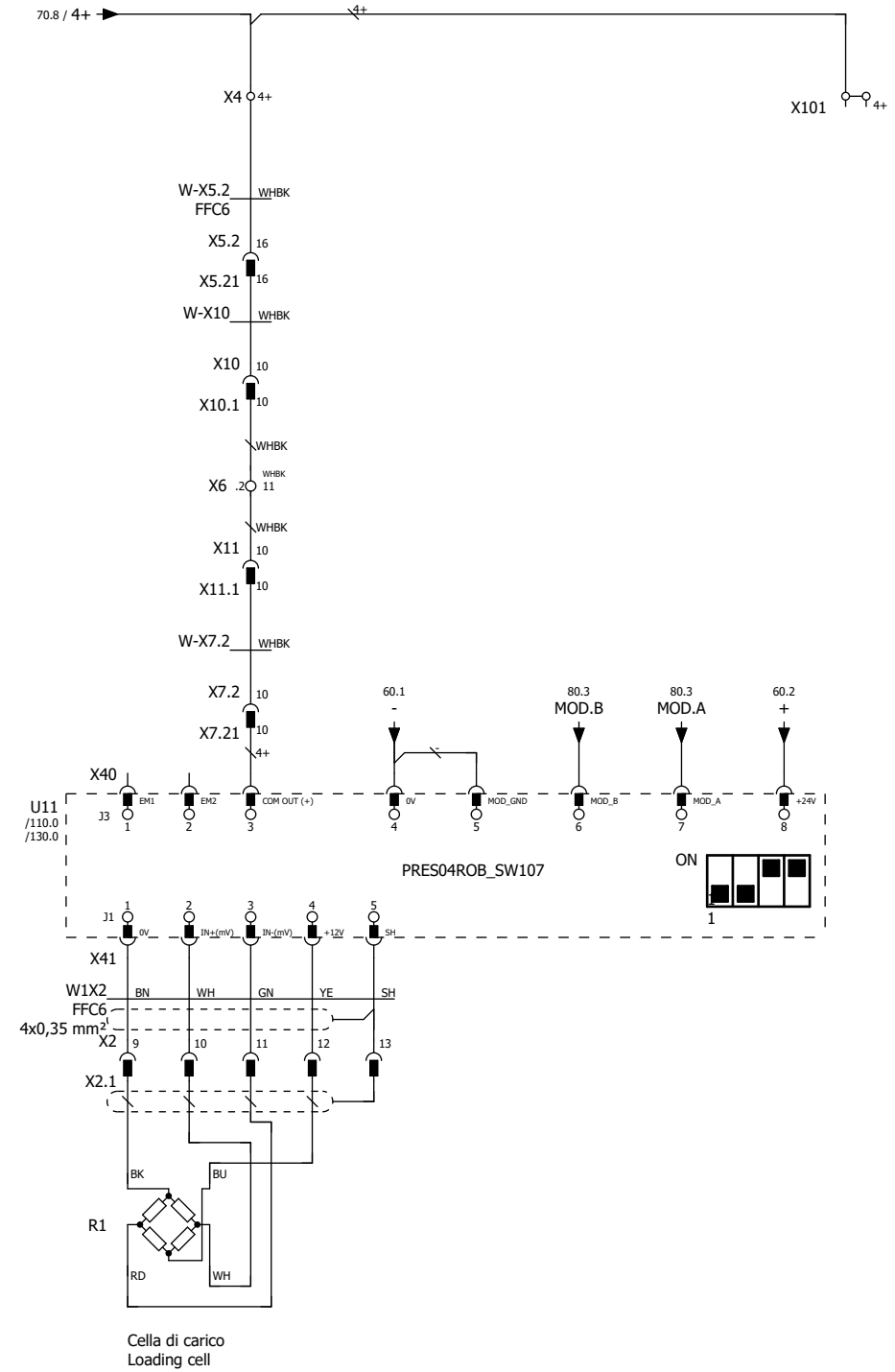
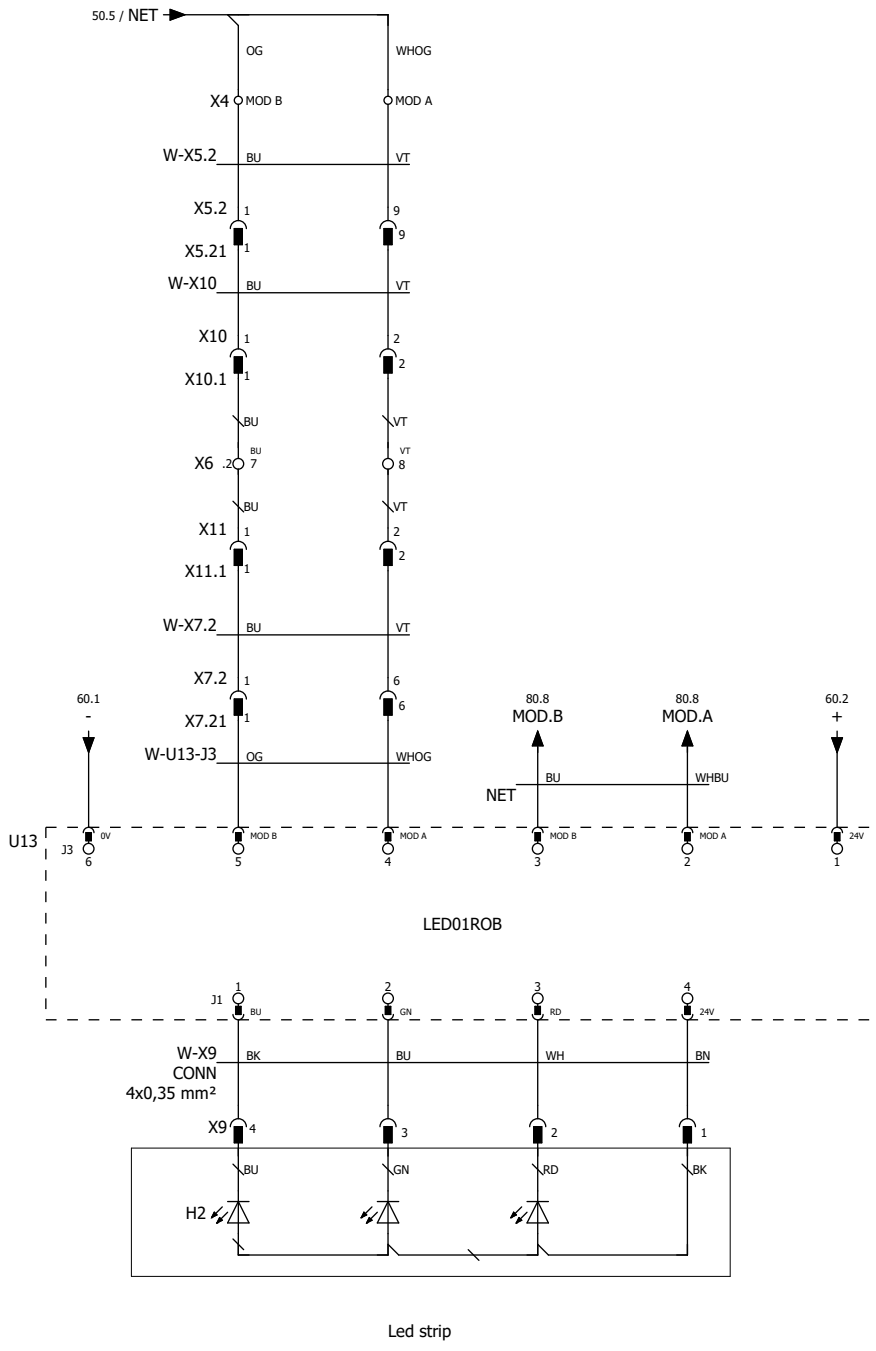
Emergenza
Emergency stop

RESET
RESET



Description
**Circuito emergenza
Emergency Circuit**

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	65	Next	80	Page	70
Machine	Boomerang 212/214 C										



Description

Circuito Ausiliario
Auxiliary Circuit

Code 3709306652ENG

Date 29/09/2020

Total 53

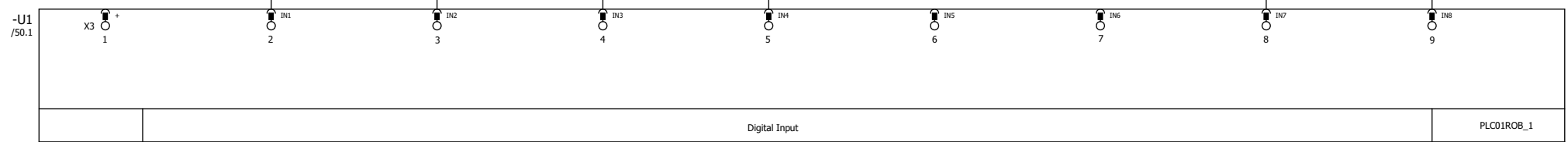
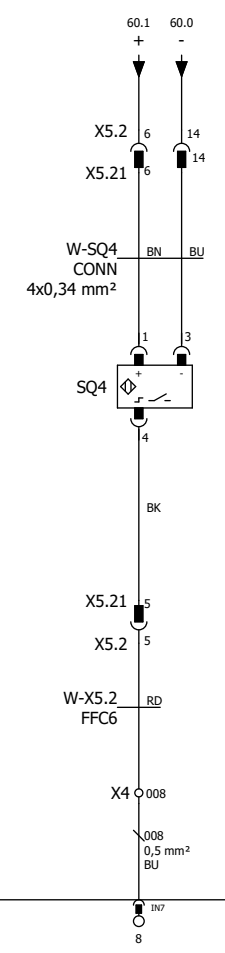
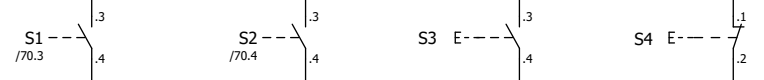
Prev 70

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Machine

Boomerang 212/214 C



Emergenza
Emergency stop

RESET
RESET

Start

STOP

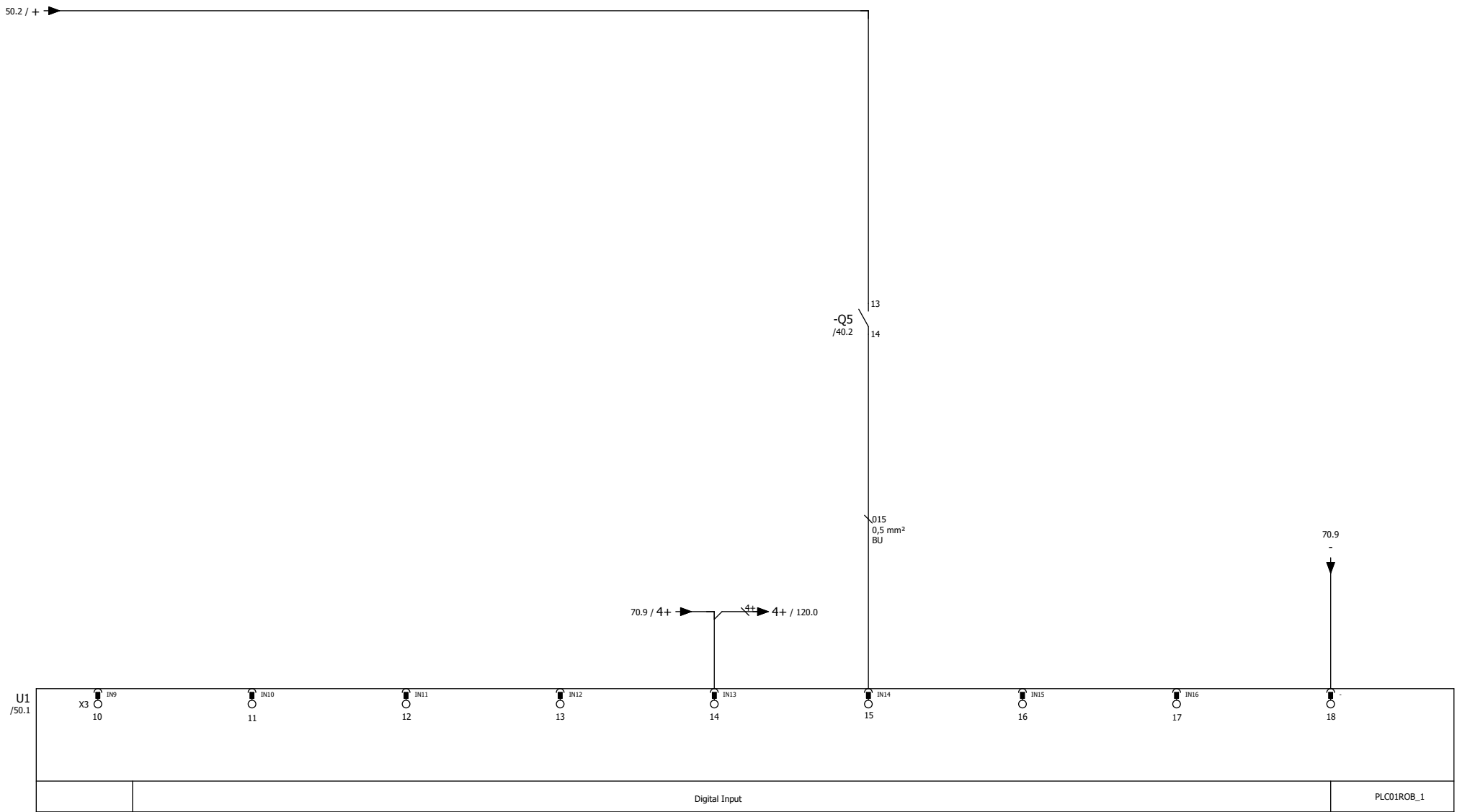
Fase Rotazione
Rotation phase

Allarme bumper
Bumper alarm



Description
**Circuito Ausiliario
Auxiliary Circuit**

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	80	Next	100	Page	90
Machine	Boomerang 212/214 C										

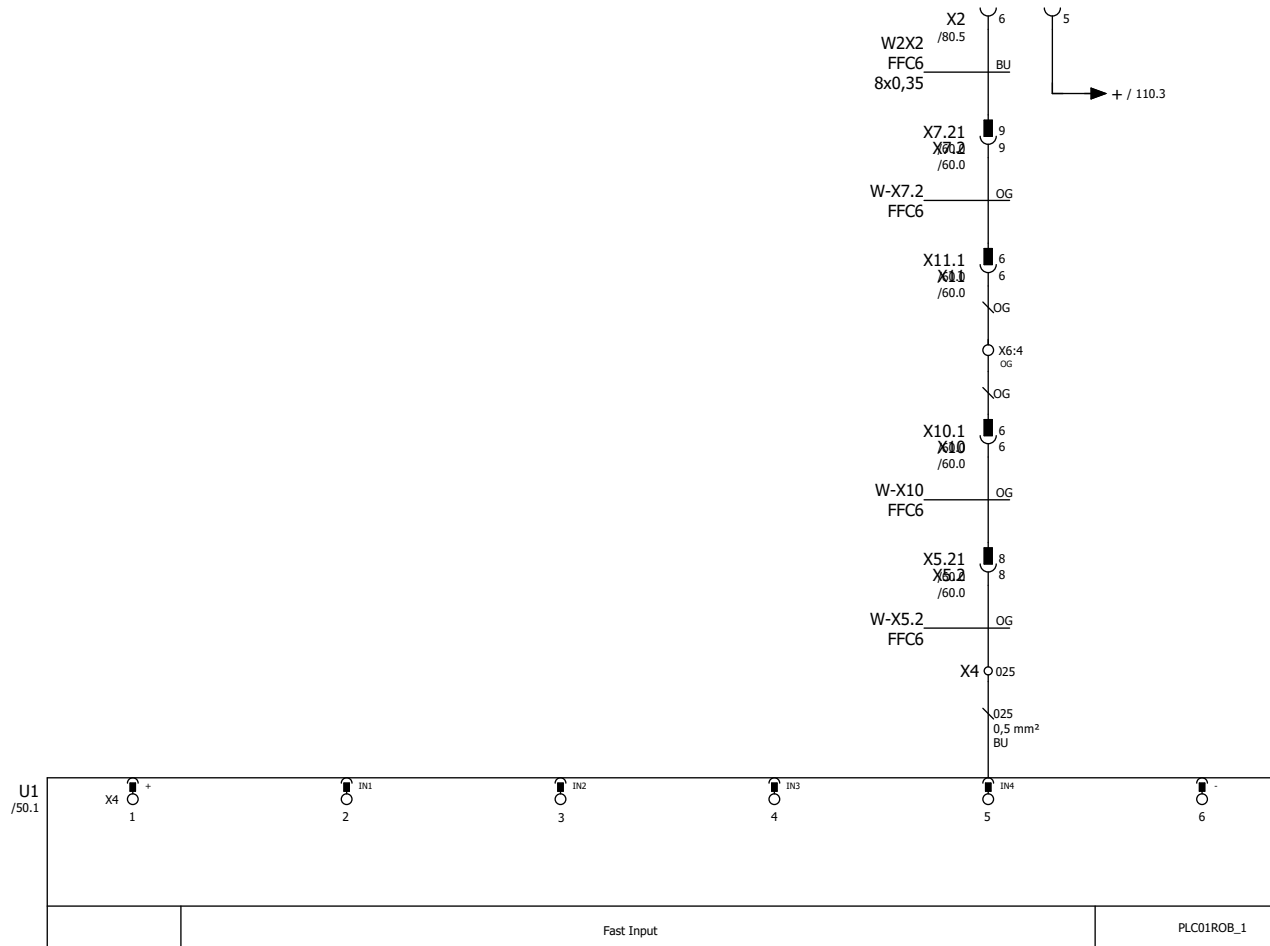


Modulo sicurezza Safety module Protezioni termiche Thermic relay



Description
**Circuito Ausiliario
Auxiliary Circuit**

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	90	Next	105	Page	100
Machine	Boomerang 212/214 C										



Scorta
Avaiabile



Description

Circuito Ausiliario
Auxiliary Circuit

Code 3709306652ENG

Date 29/09/2020

Total 53

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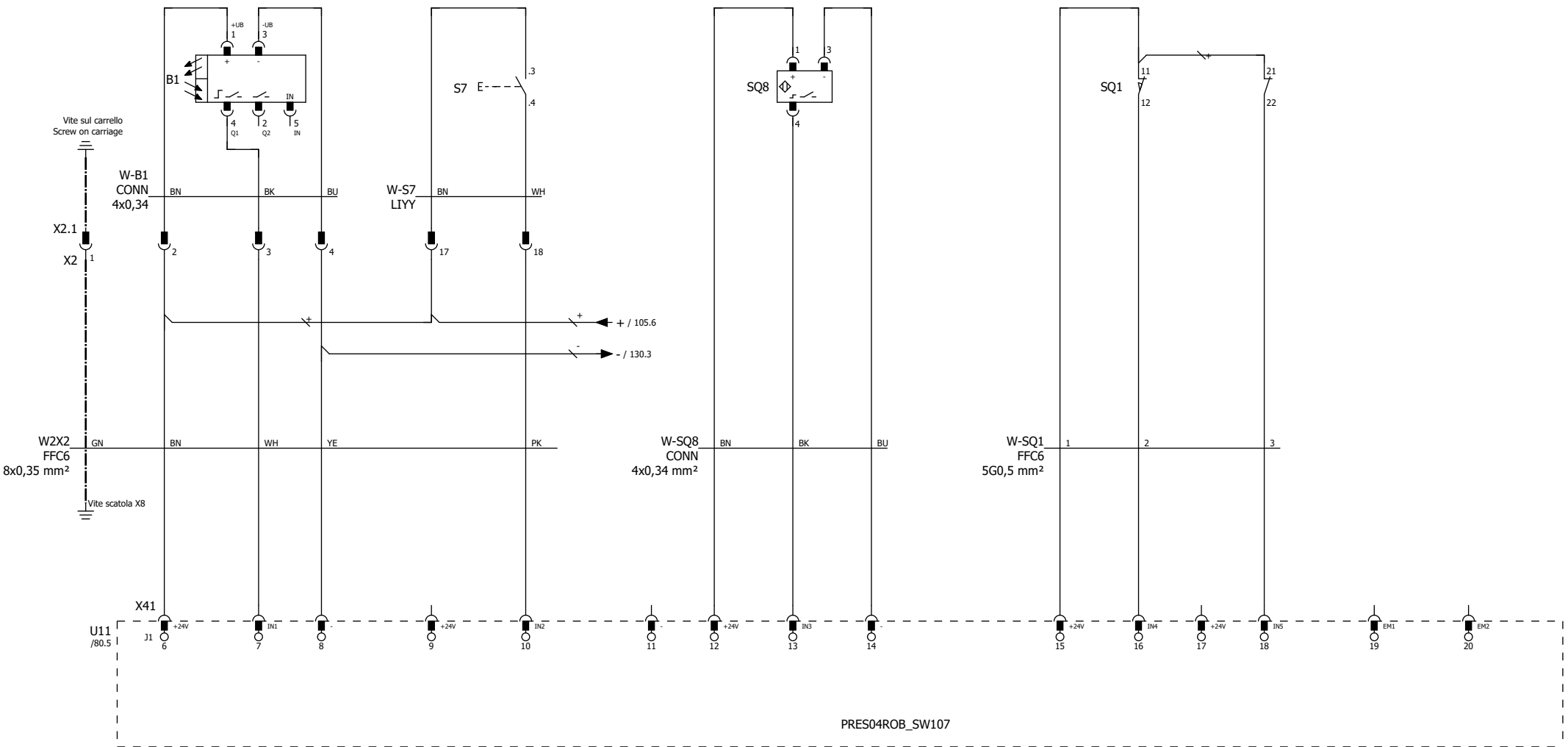
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Machine

Boomerang 212/214 C

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Fotocellula altezza prodotto
Product height sensor

Pulsante svolgimento film
Unrolling film button

Sensore motore carrello
Carriage motor sensor

Finecorsa basso
Low Endstroke

Finecorsa alto
High Endstroke

(Only Pvs)

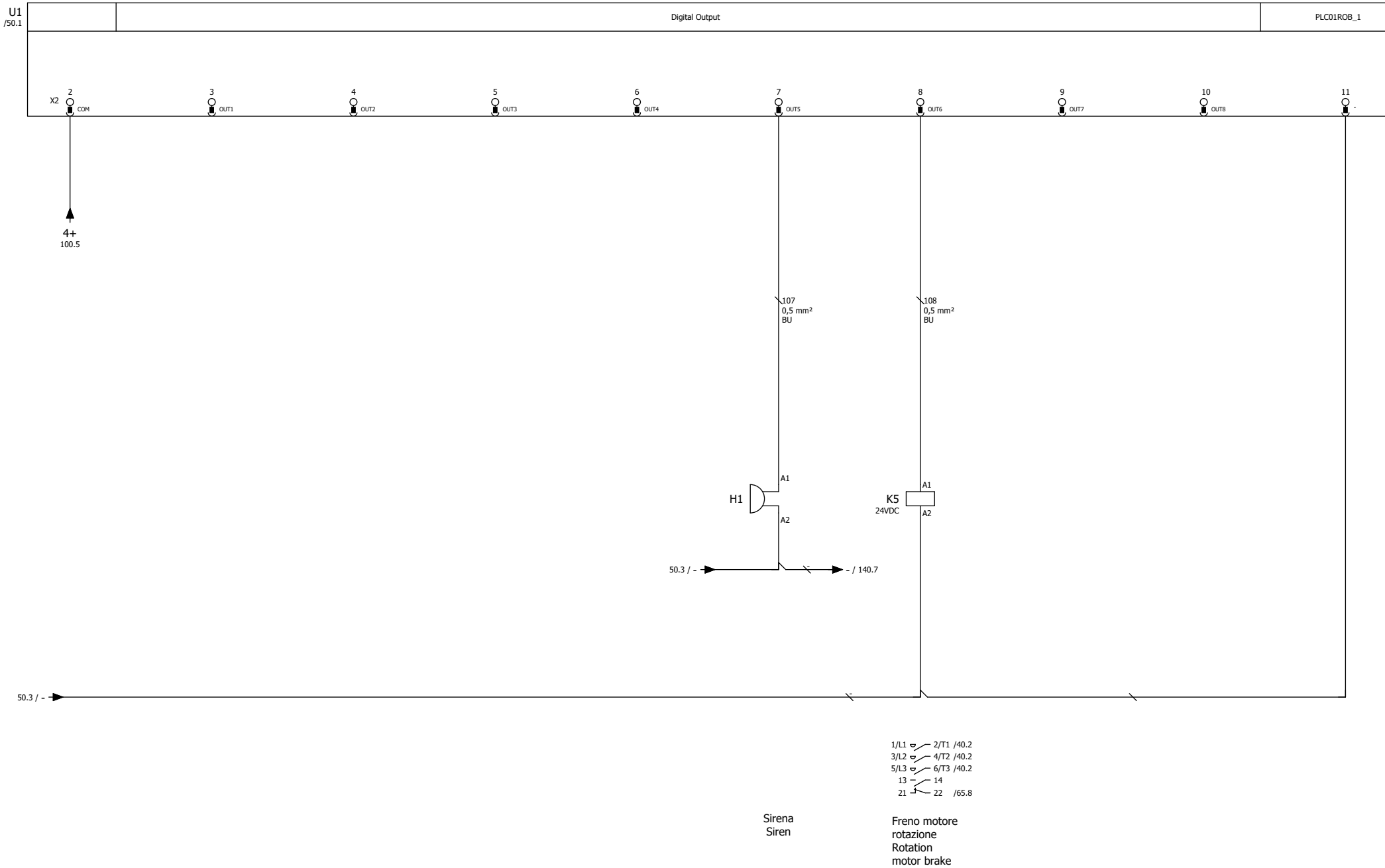
PRES04ROB_SW107



Description

Circuito Ausiliario
Auxiliary Circuit

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	105	Next	120	Page	110
Machine	Boomerang 212/214 C										

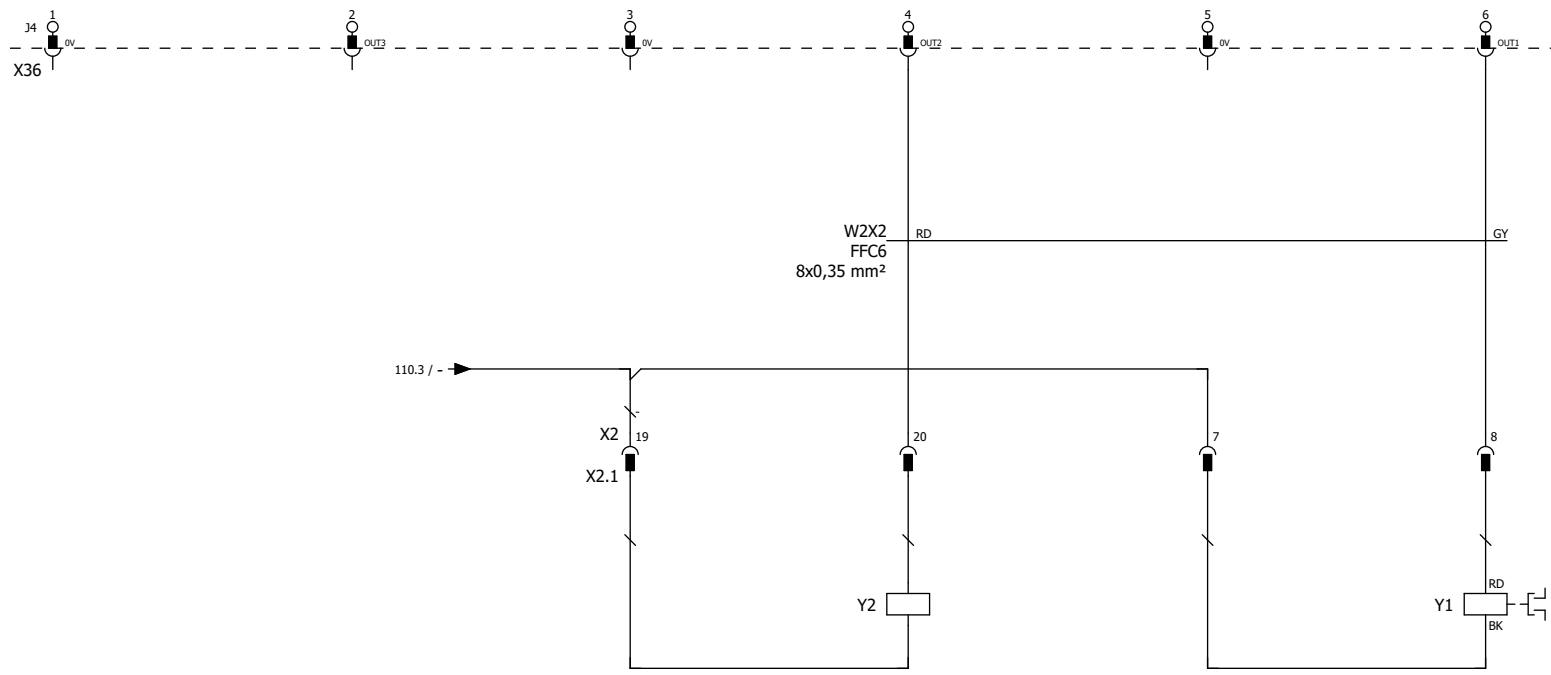


Description
Circuito Ausiliario
Auxiliary Circuit

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	110	Next	130	Page	120
Machine	Boomerang 212/214 C										

U11
/80.5

PRES04ROB_SW107



Taglio
Cut
(Optional)

Frizione
Clutch
(Only Pds)



Description

Circuito Ausiliario
Auxiliary Circuit

Code 3709306652ENG

Date 29/09/2020

Total 53

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Next 140

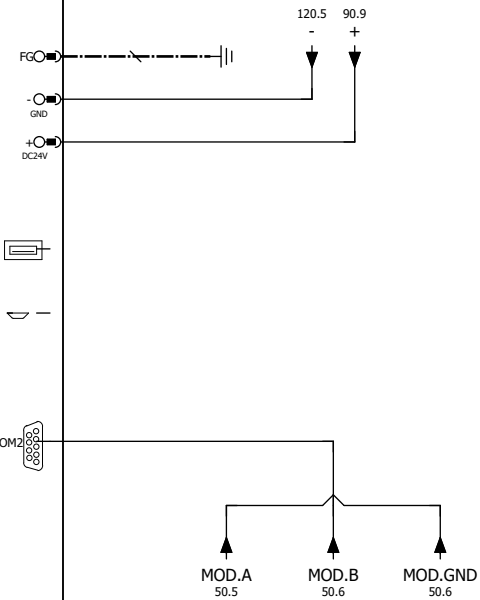
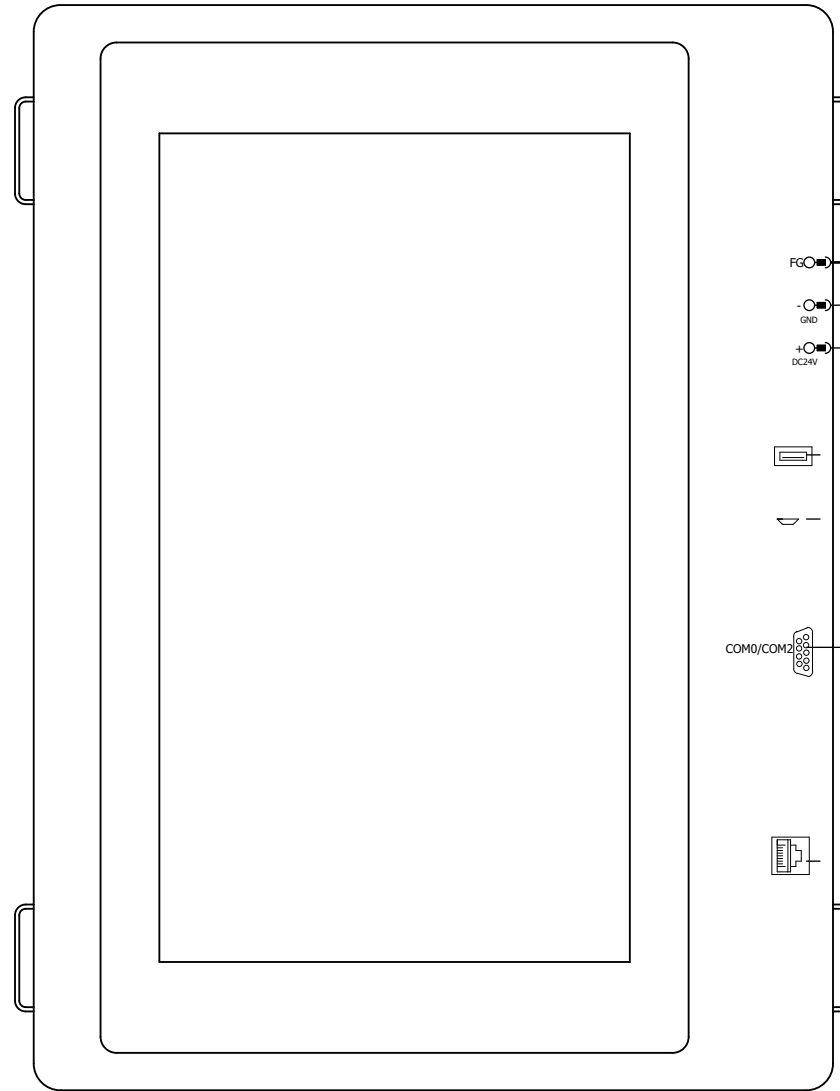
Page

Machine

Boomerang 212/214 C

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-U9
3,6W,24VDC



Description

Circuito Ausiliario
Auxiliary Circuit

Code 3709306652ENG

Date 29/09/2020

Total 53

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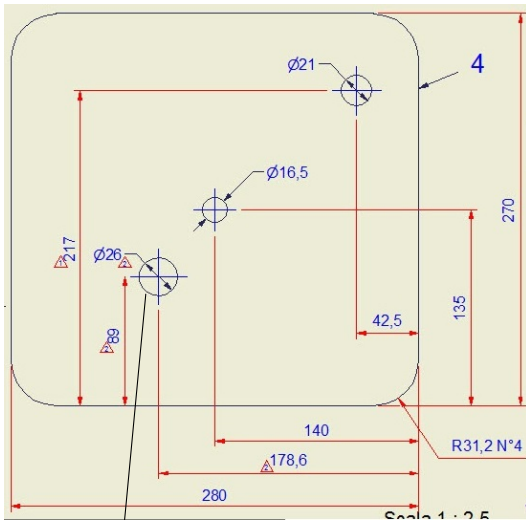
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Machine

Boomerang 212/214 C

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Se non presente, forare la cassetta come indicato.

NOTE: (for Robopac)

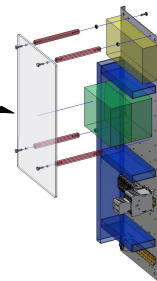
- Collegamento dei cavi di rete (senza rj45) più corti possibile
- Cavo Hmi non fascettarlo insieme ai fili che vanno al pannello, ma posarlo da solo.
- Fissare le schede inverter alla piastra, con i morsetti di potenza rivolti verso la canale di potenza. Fissarla alla piastra tramite il maschio del distanziale.
- Spelatura cavi motore (tra fissacavo e scheda) la più corta possibile (avvitare fissacavo tra scheda e canale)
- Consegnare quadro elettrico con coperchio cassetta inferiore (codice in distinta) montato



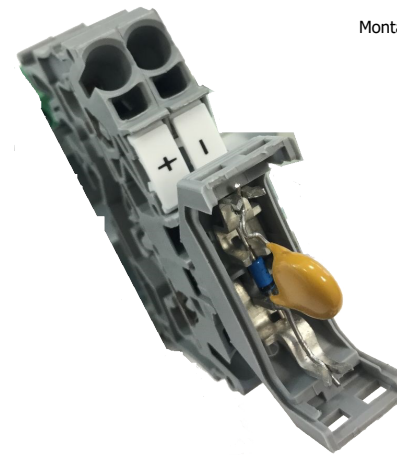
NOTE PER IL QUADRISTA:
Applicare targa pericolo di folgoramento come indicato nell'immagine



Montaggio plexiglass



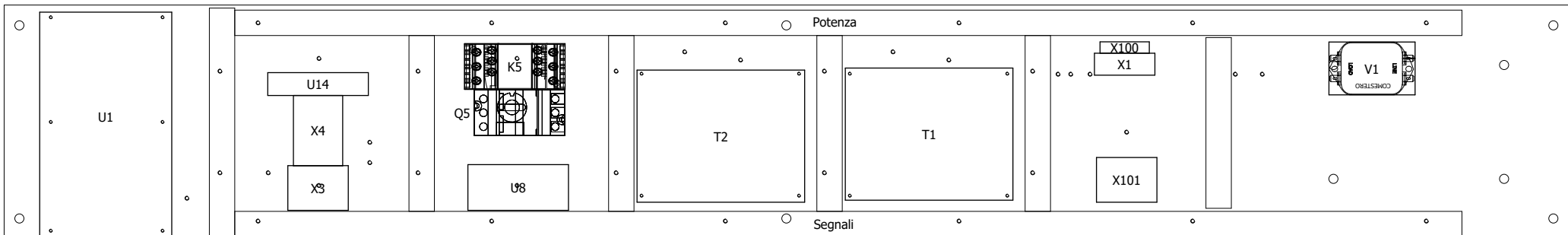
Montaggio diodo/varistore:



Fare attenzione al verso del diodo, il catodo (linea nera) deve essere collegato al morsetto + (vedi figure sopra).

X5.1, X5.2: montare il frutto in maniera che il pin 1 sia verso l'uscita cavo della custodia.

Guaina Pacs-34B collegata a connettore x5.1. Guaina Pacs-54B da fondo cassetta a lamiera passa guaina. (lunghezze vedi distinta; tutti i cavi devono passare dentro questa guaina)



Parte bassa



Description

Layout armadio elettrico
Panel layout

Code

3709306652ENG

Date

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Total

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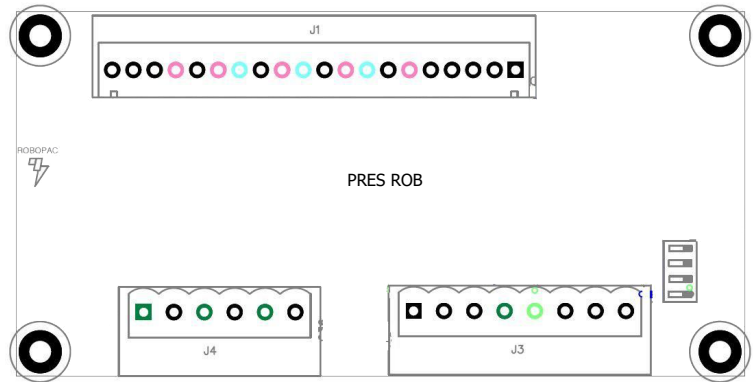
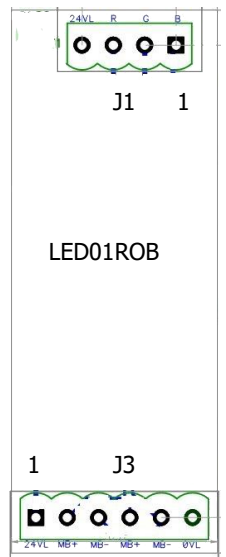
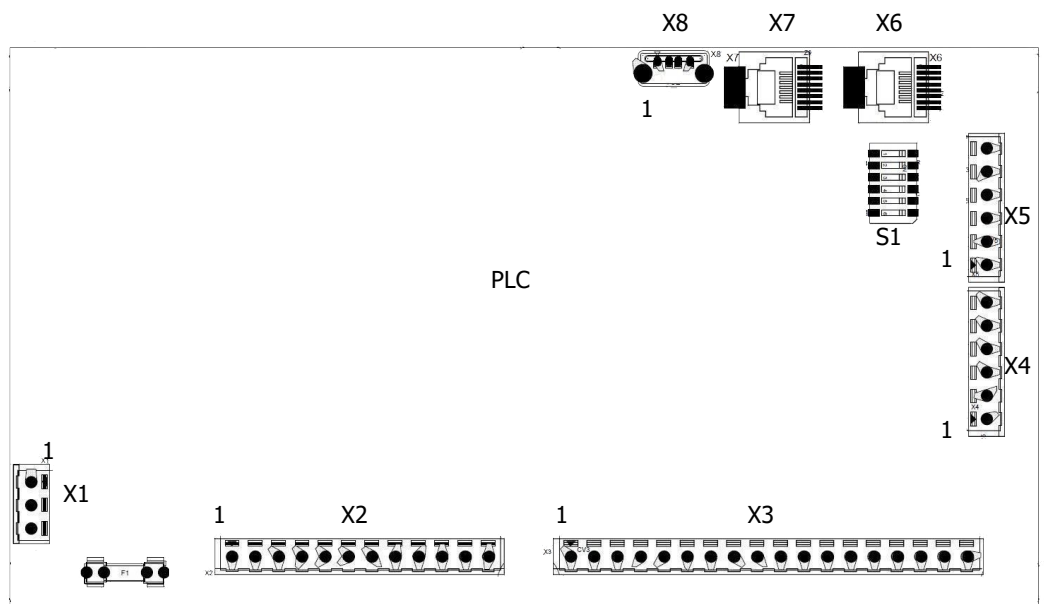
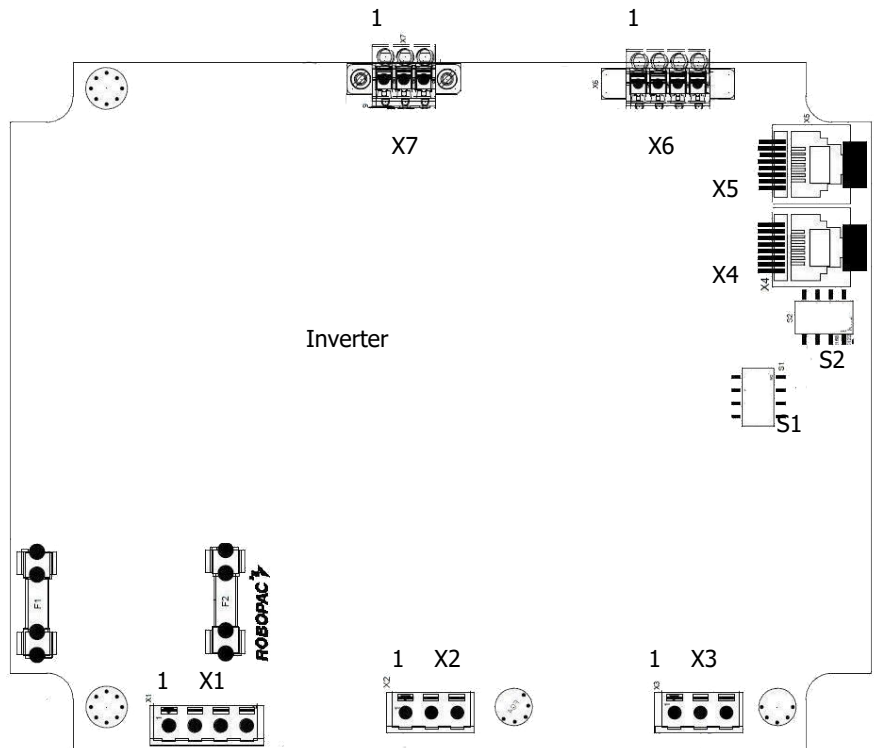
155

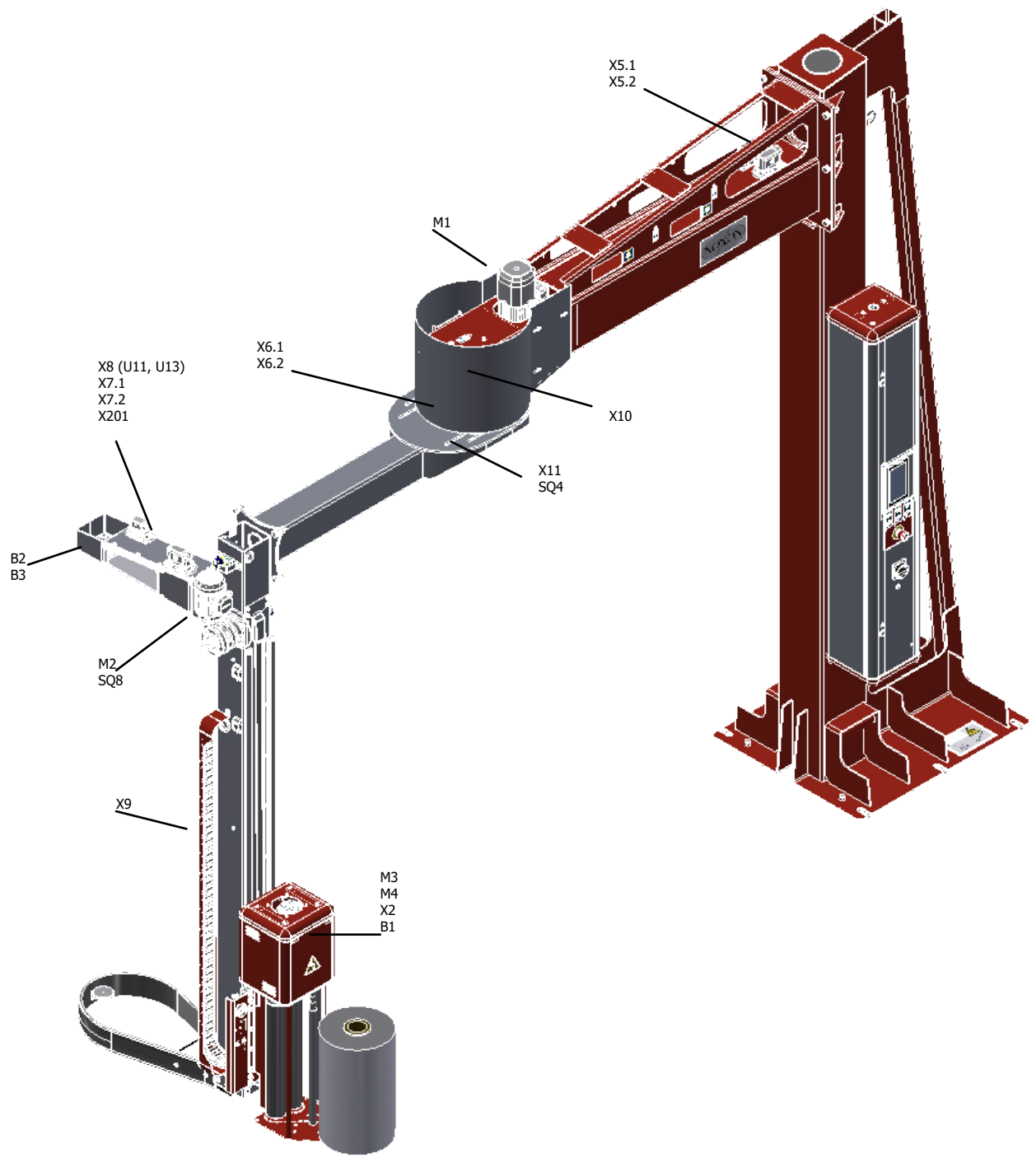
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Machine

Boomerang 212/214 C





Description

Layout

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Machine	Boomerang 212/214 C										

Cable overview

Cable	Origine	N° Conduttori	Cross-section	Capicorda origine	Spelatura origine (cm)	Lunghezza fuori cassetta (m)	Spelatura destinazione (cm)	Capicorda destinazione	Target	Note
-W1X5	-T1;-E1	4G	1 mm ²	--	5	5,5	5	--	-X5.1	In guaina PACS34B
-W2X5	-T1;-E2	4G	1 mm ²	--	5	5,5	5	--	-X5.1	In guaina PACS34B
-W3X5	-T2;-E3	4G	1 mm ²	--	5	5,5	5	--	-X5.1	In guaina PACS34B
-W4X5	-T2;-E4	4G	1 mm ²	--	5	5,5	5	--	-X5.1	In guaina PACS34B. Cablare il cavo al morsetto X2 senza connetterlo alla scheda, lasciarli liberi in canale.
-W5X5	-K5	2	1 mm ²	--	10	5,5	5	--	-X5.1	In guaina PACS34B
-W-Q1	-Q1	3G	2,5 mm ²		15	2,8	7	Puntalino	N;PE	
-W-X5.2	-X4;-E5			--	7	5,5	5	--	-X5.2	Inserire una fascetta nel cavo all'interno del connettore per evitare che il cavo scorra sul pressacavo tirando sui singoli conduttori



Description

Sommario cavi
Cable overview

Code 3709306652ENG

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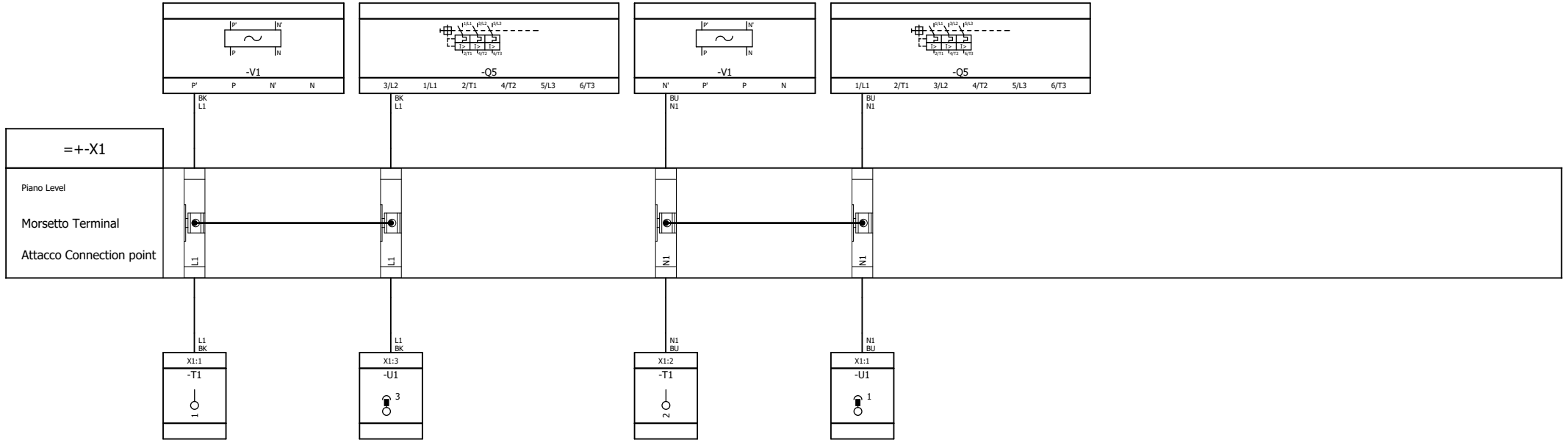
Machine

Boomerang 212/214 C

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Schema allacciamento morsetti Terminal-connection diagram

Destinazioni interne
Internal targets



Destinazioni esterne
External targets



Description

Morsettiera di potenza
Power terminalboard

Code

3709306652ENG

Date

29/09/2020

Total

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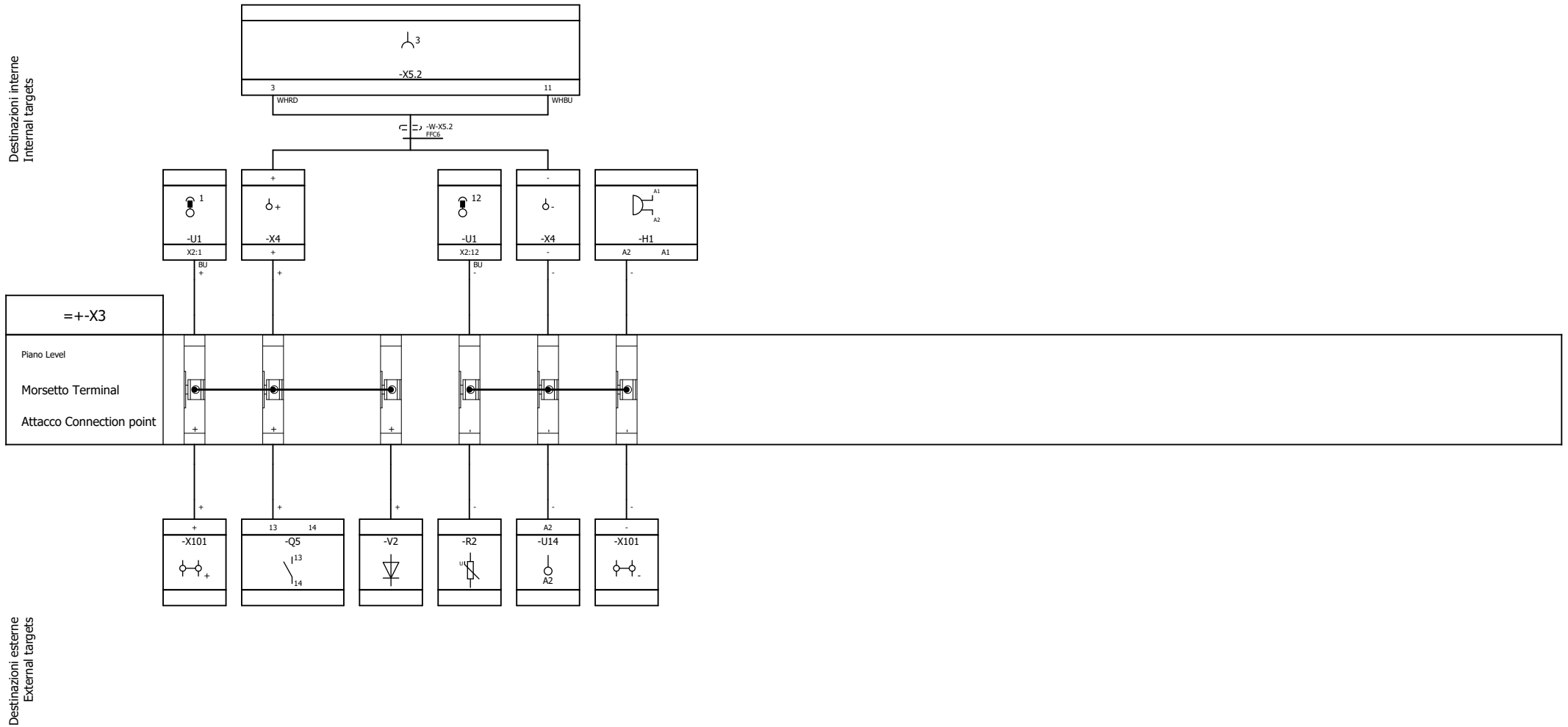
162

Machine

Boomerang 212/214 C

Schema allacciamento morsetti

Terminal-connection diagram



Description

Morsettiera 24Vdc
24Vdc terminalboard

Code 3709306652ENG

Date 29/09/2020

Total 53

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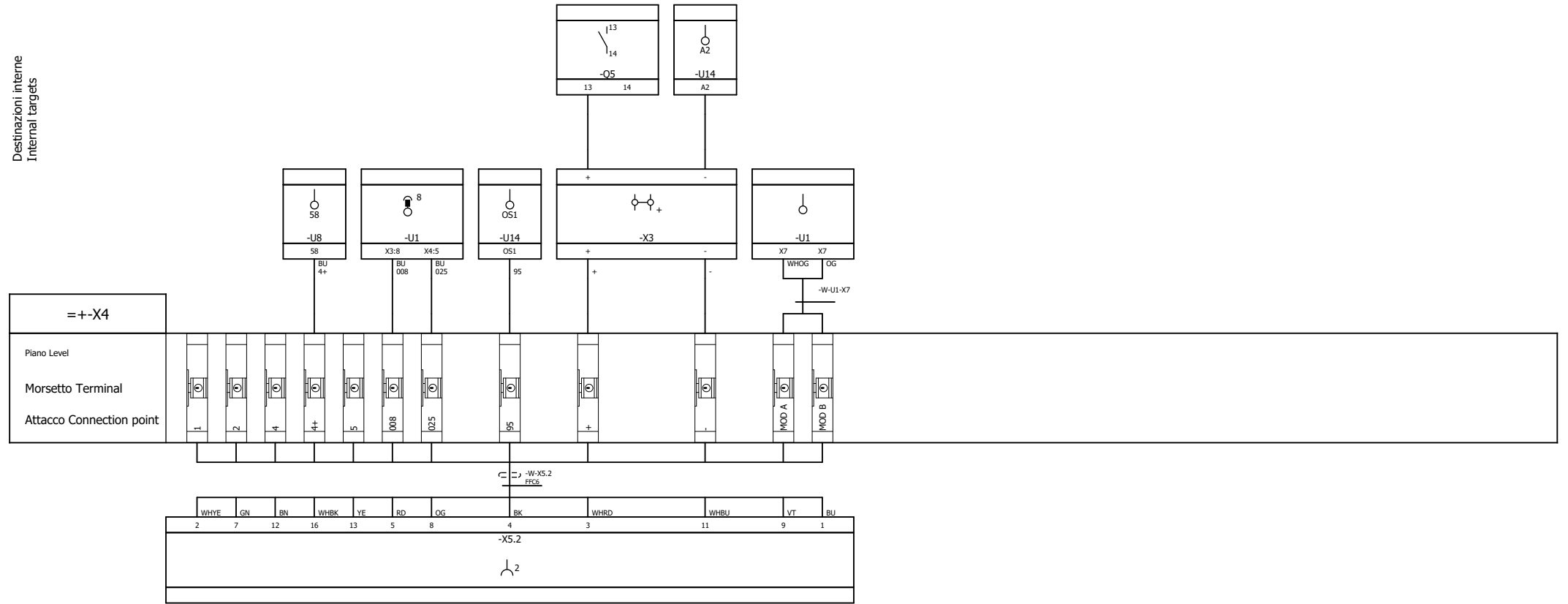
Machine

Boomerang 212/214 C

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Schema allacciamento morsetti

Terminal-connection diagram



Cella di carico
Loading cell

Fase Rotazione
Rotation phase
Scorta
Available

Led strip

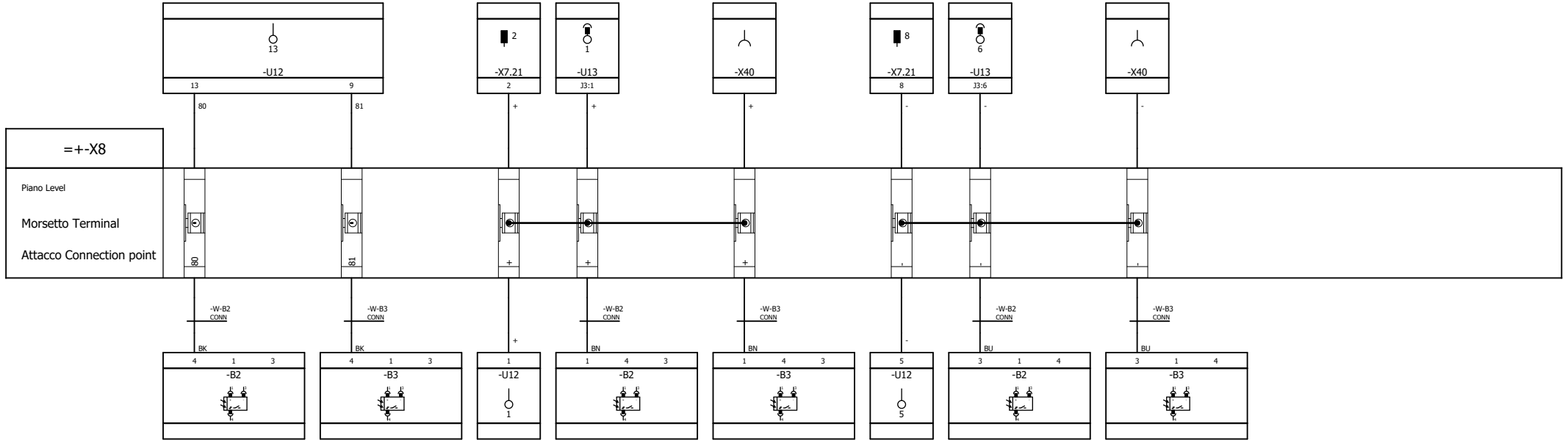


Description
Morsettiera ausiliari
Aux Terminal strip

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	163	Next	165	Page	164
Machine	Boomerang 212/214 C										

Schema allacciamento morsetti Terminal-connection diagram

Destinazioni interne
Internal targets



Destinazioni esterne
External targets



Description

Morsettiera braccio mobile
Mobile arm terminalboard

Code

3709306652ENG

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Total

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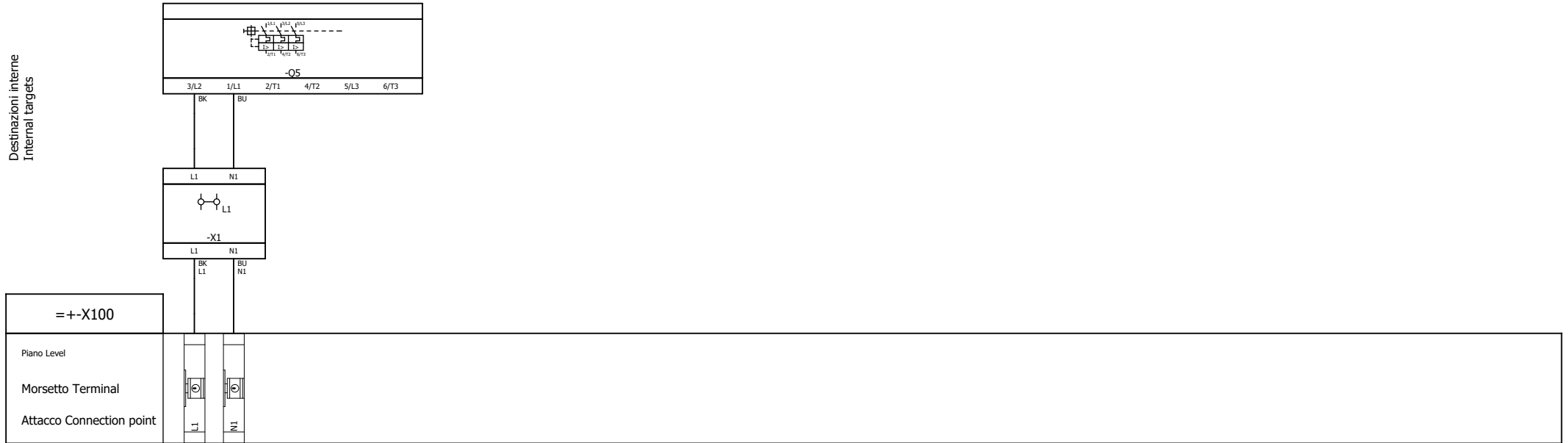
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Machine

Boomerang 212/214 C

Schema allacciamento morsetti Terminal-connection diagram



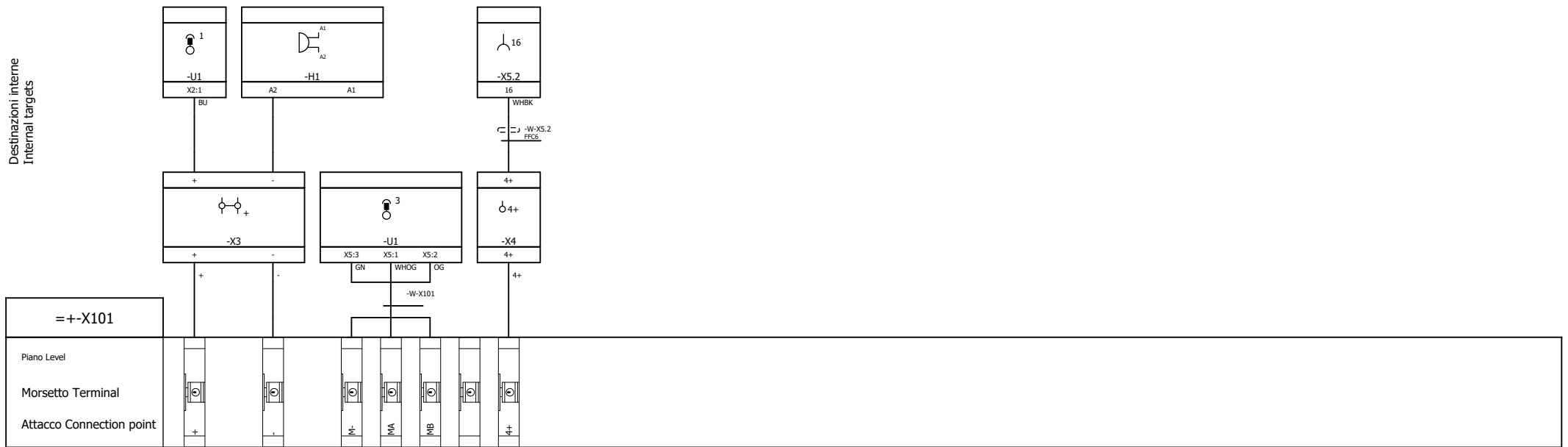
Destinazioni esterne
External targets



Description

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	165	Next	167	Page	166
Machine	Boomerang 212/214 C										

Schema allacciamento morsetti Terminal-connection diagram



Scarico aria
Exhaust air



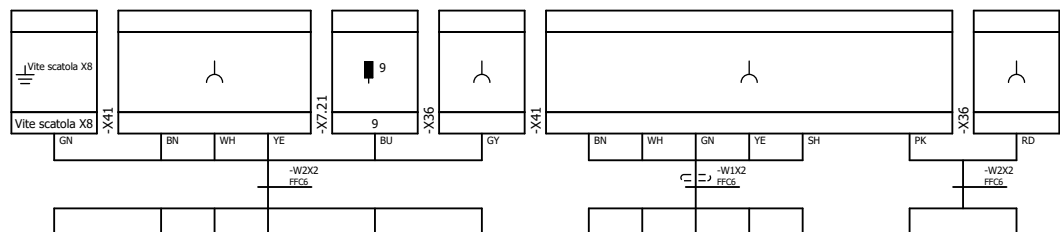
Description	
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Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	166	Next	168	Page	167
Machine	Boomerang 212/214 C										


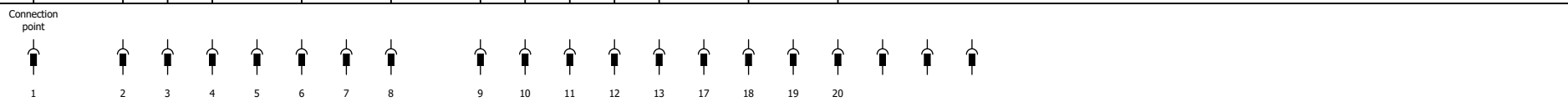
Schema allacciamento connettori

Pin-connection diagram

Internal targets



= +-X2

External targets

- Fotocellula altezza prodotto
Product height sensor
- =
- Scorta Available
- =
- Taglio Cut
- Frizione Clutch
- Cella di carico Loading cell
- =
- =
- =
- Fotocellula altezza prodotto
Product height sensor
- =
- Taglio Cut



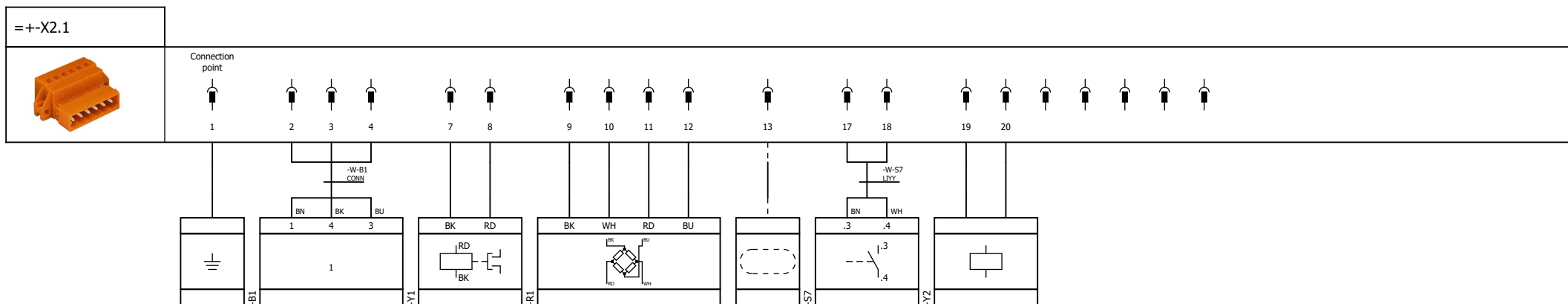
Description
Connettore carrello
Carriage connector

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	167	Next	169	Page	168
Machine	Boomerang 212/214 C										

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Fotocellula altezza prodotto
Product height sensor

Taglio
Cut
Frizione
Clutch

Cella di carico
Loading cell

Fotocellula altezza prodotto
Product height sensor

Taglio
Cut



Description

Connettore carrello
Carriage connector

Code 3709306652ENG

Date 29/09/2020

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Machine

Boomerang 212/214 C

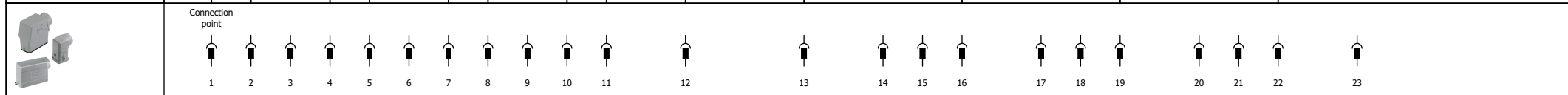
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Schema allacciamento connettori

Pin-connection diagram

Internal targets

= +-X5.1



External targets

Motore rotazione Rotation motor	=	Motore Carrello Carriage Motor	=	Motore Svolgimento Film Unrolling film Motor	=	Motore Prestiro Prestretch Motor	=	Freno motore rotazione Rotation motor brake	=	Motore rotazione Rotation motor	=	Motore Carrello Carriage Motor	=	Motore Svolgimento Film Unrolling film Motor	=	Motore Prestiro Prestretch Motor	=
------------------------------------	---	-----------------------------------	---	---	---	-------------------------------------	---	--	---	------------------------------------	---	-----------------------------------	---	---	---	-------------------------------------	---



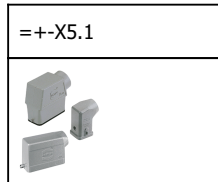
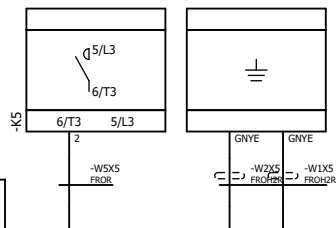
Description
Connettore potenza, braccio fisso
Power connector, fixed arm

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	169	Next	170.a	Page	170
Machine	Boomerang 212/214 C										

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Freno motore rotazione
Rotation motor brake

Motore Carrello
Carriage Motor
Motore rotazione
Rotation motor



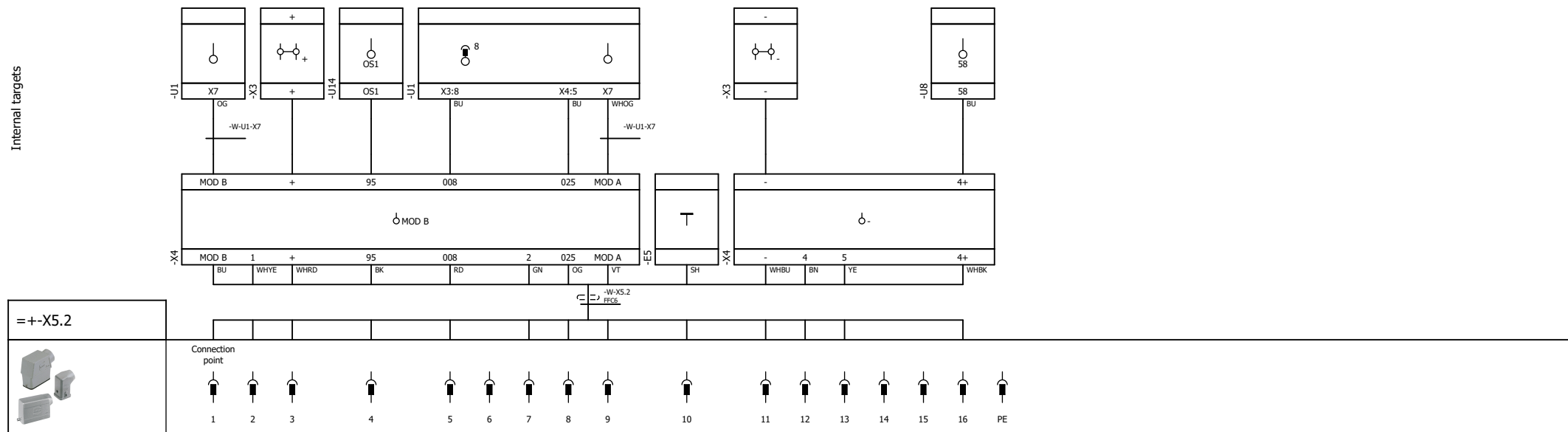
Description

Connettore potenza, braccio fisso
Power connector, fixed arm

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Machine	Boomerang 212/214 C										

Schema allacciamento connettori

Pin-connection diagram



External targets

Fase Rotazione
Rotation phase

=

Scorta
Available
Led strip

Fase Rotazione
Rotation phase

Cella di carico
Loading cell



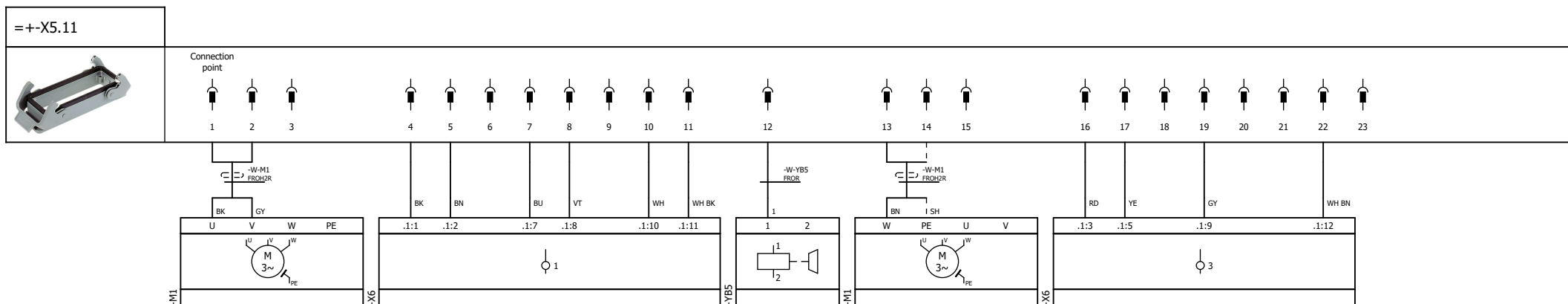
Description
Connettore ausiliari, braccio fisso
Aux connector, fixed arm

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	170.a	Next	172	Page	171
Machine	Boomerang 212/214 C										

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Motore rotazione Rotation motor		Motore Carrello Carriage Motor		Motore Svolgimento Film Unrolling film Motor		Motore Prestiro Prestretch Motor		Freno motore rotazione Rotation motor brake		Motore rotazione Rotation motor		Motore Carrello Carriage Motor		Motore Svolgimento Film Unrolling film Motor		Motore Prestiro Prestretch Motor	
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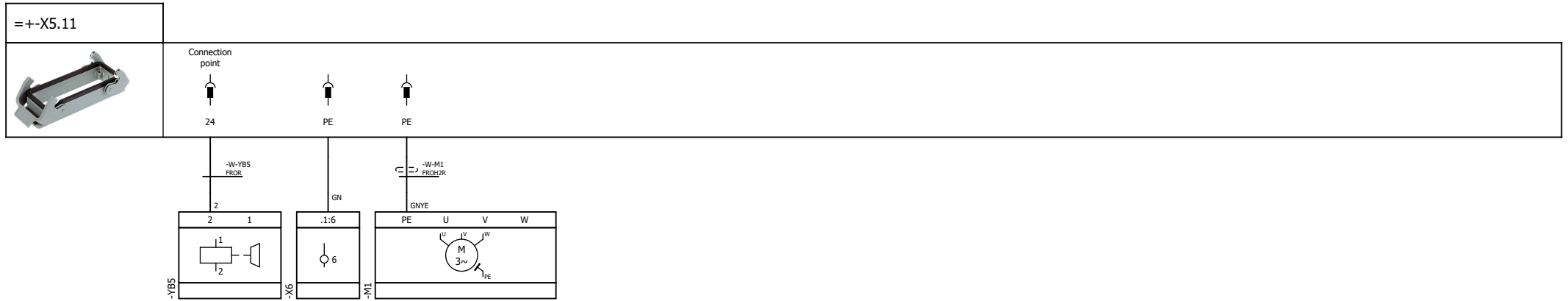


Description	Connettore potenza, braccio fisso			Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	171	Next	172.a	Page	172
	Power connector, fixed arm			Machine	Boomerang 212/214 C										

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Freno motore rotazione
Rotation motor brake

Motore Carrello
Carriage Motor

Motore rotazione
Rotation motor



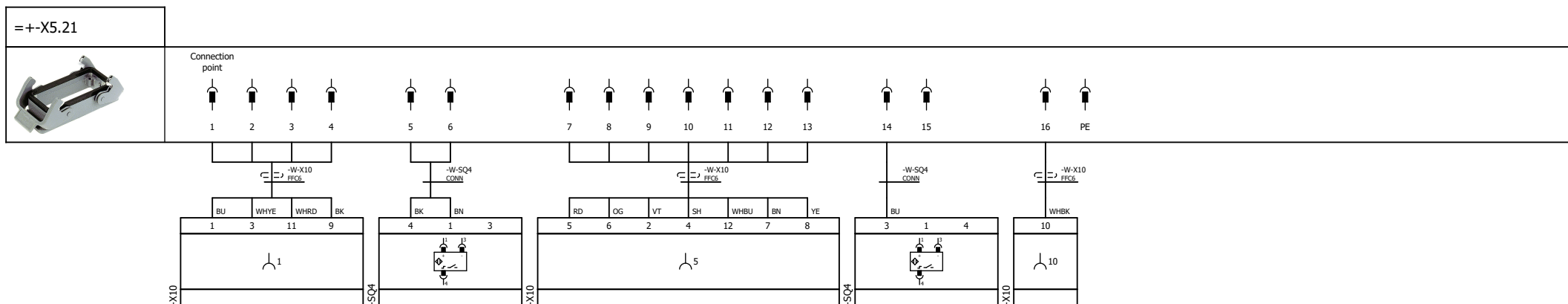
Description
Connettore potenza, braccio fisso
Power connector, fixed arm

Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	172	Next	173	Page	172.a
Machine	Boomerang 212/214 C										


Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

	Description Connettore ausiliari, braccio fisso Aux connector, fixed arm	Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	172.a	Next	174	Page	173
		Machine	Boomerang 212/214 C										

Fase Rotazione
Rotation phase

Scorta
Available
Led strip

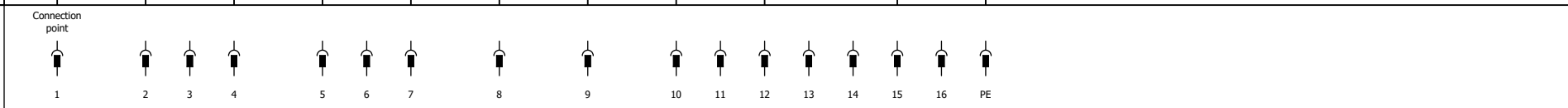
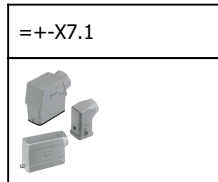
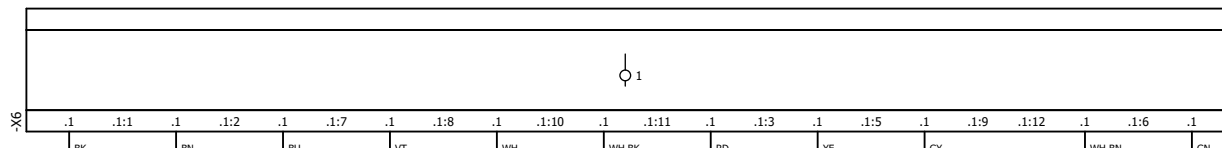
Fase Rotazione
Rotation phase

Cella di carico
Loading cell

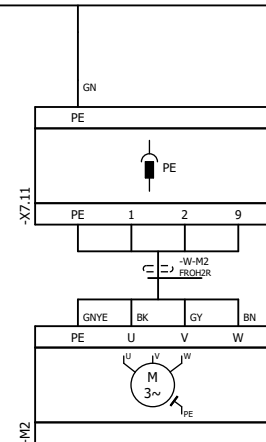
Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets



Motore Carrello Carriage Motor	Motore Carrello Carriage Motor	Motore Svolgimento Film Unrolling film Motor	Motore Svolgimento Film Unrolling film Motor	Motore Prestiro Prestretch Motor	Motore Prestiro Prestretch Motor	Motore Carrello Carriage Motor	Motore Carrello Carriage Motor	Motore Svolgimento Film Unrolling film Motor	=	Motore Prestiro Prestretch Motor	=	Motore Carrello Carriage Motor
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Description

Connettore potenza, braccio mobile
Power connector, mobile arm

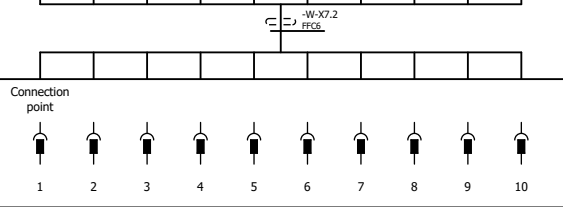
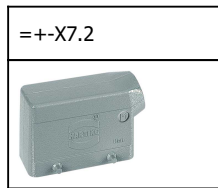
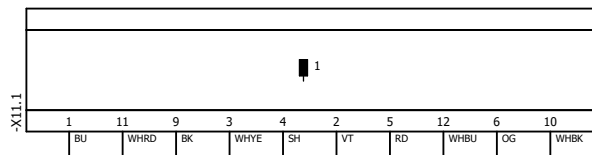
Code	3709306652ENG	Date	29/09/2020	Total	53	Prev	173	Next	175	Page	174
Machine	Boomerang 212/214 C										



Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Led strip

Scorta Available
Cella di carico Loading cell

Connettore ausiliari, braccio mobile
Aux connector, mobile arm



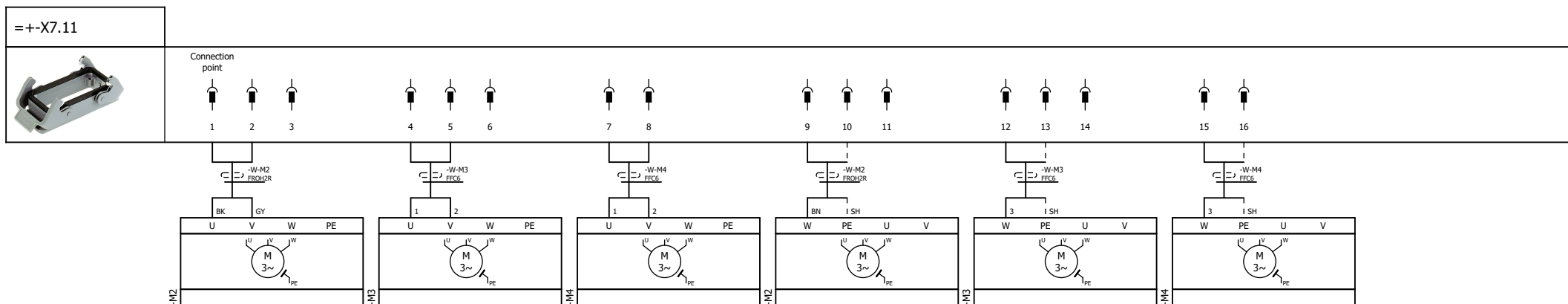
Description

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Machine	Boomerang 212/214 C										

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Motore Carrello
Carriage Motor

Motore Svolgimento Film
Unrolling film Motor

Motore Prestiro
Prestretch Motor

Motore Carrello
Carriage Motor

Motore Svolgimento Film
Unrolling film Motor

Motore Prestiro
Prestretch Motor



Description

Connettore potenza, braccio mobile
Power connector, mobile arm

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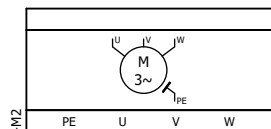
Machine

Boomerang 212/214 C

Schema allacciamento connettori

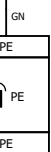
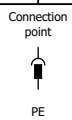
Pin-connection diagram

Internal targets

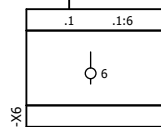


GND
-W-M2
FRONZ2R

= +-X7.11



External targets



Motore Carrello
Carriage Motor



Description

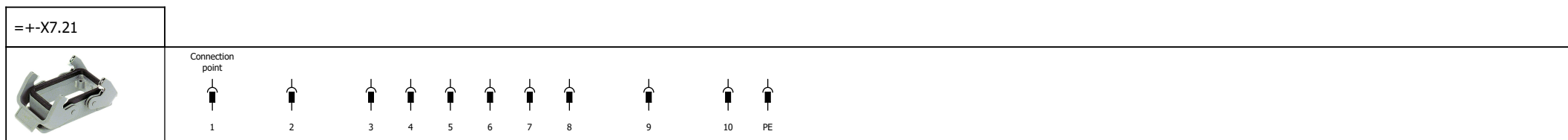
Connettore potenza, braccio mobile
Power connector, mobile arm

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Machine	Boomerang 212/214 C										

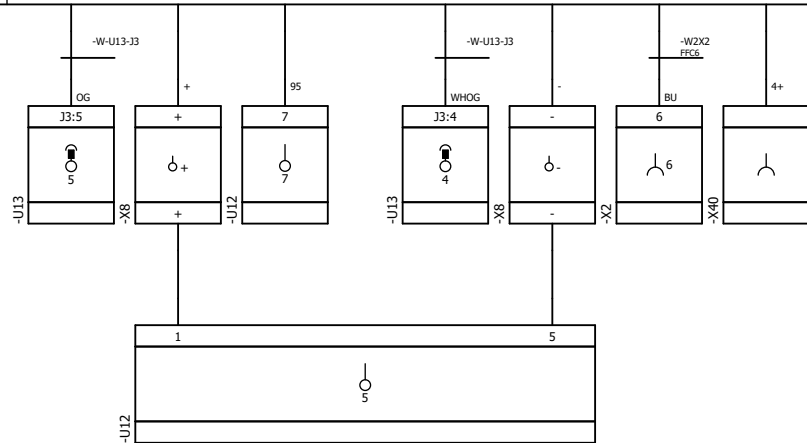
Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets



Led strip

Scorta Available

Cella di carico Loading cell



Description

Connettore ausiliari, braccio mobile
Aux connector, mobile arm

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Machine

Boomerang 212/214 C

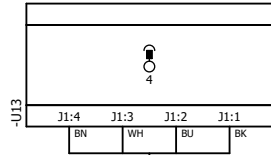
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Schema allacciamento connettori

Pin-connection diagram

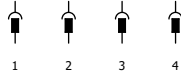
Internal targets

= +-X9

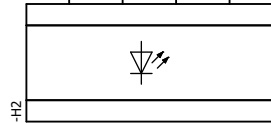


-W-X9
CONN

Connection
point



BK RD GN BU



External targets

Led strip

|| ||



Description

Connettore led
Strip led connector

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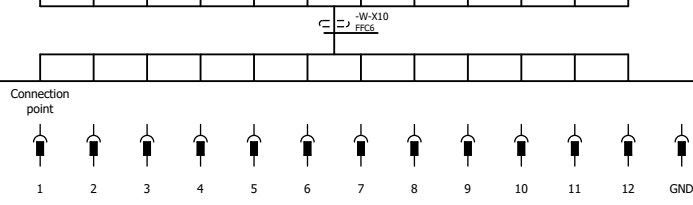
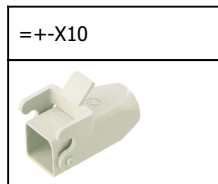
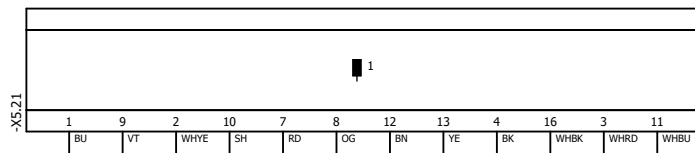
Machine

Boomerang 212/214 C

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Led strip

Scorta Available

Cella di carico Loading cell



Description

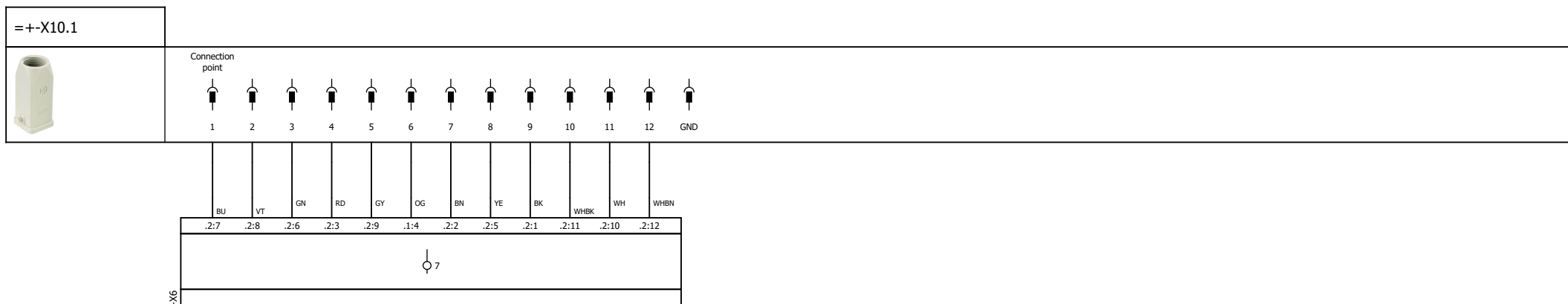
Connettore distributore X6.2
Slip ring X6.2 connector

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Machine	Boomerang 212/214 C										

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Led strip

Scorta Available

Cella di carico Loading cell



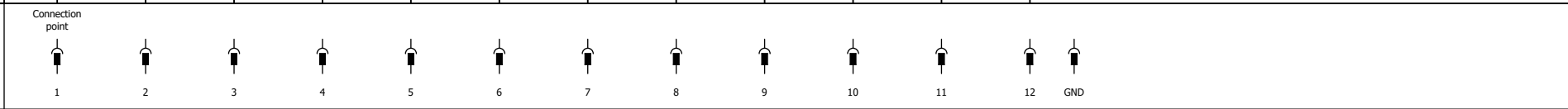
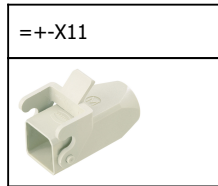
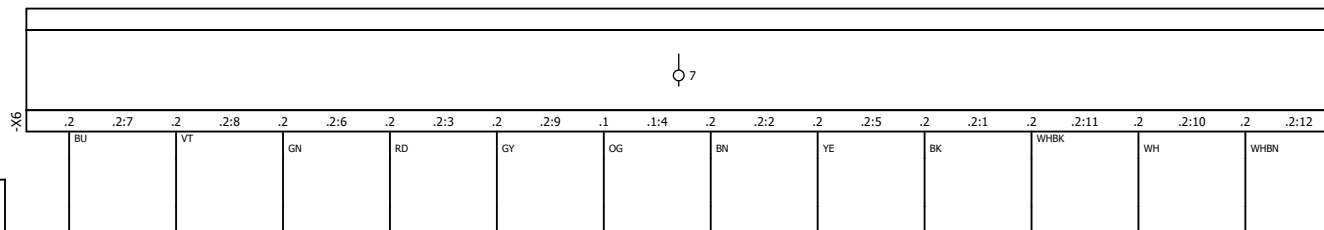
Description	Connettore distributore X6.2 Slip ring X6.2 connector
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Machine	Boomerang 212/214 C										

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Led strip

Scorta Available

Cella di carico Loading cell

Connettore distributore X6.2
Slip ring X6.2 connector

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Machine	Boomerang 212/214 C										

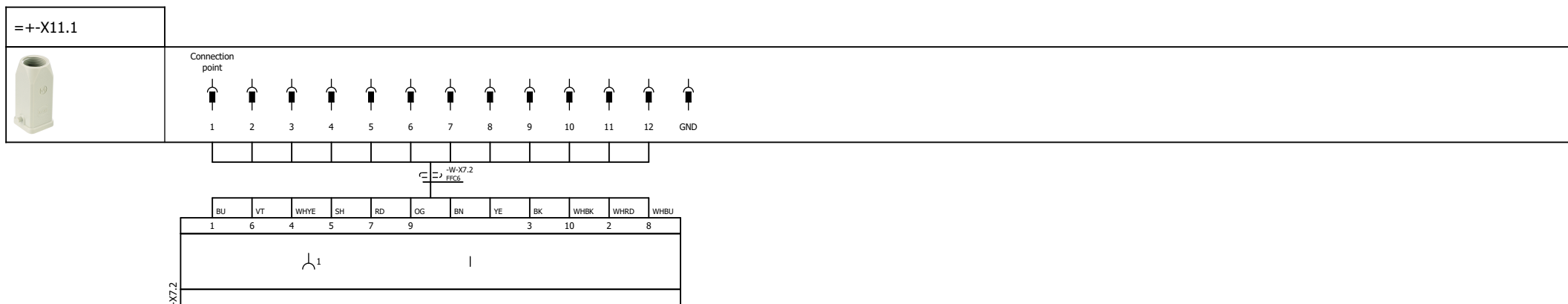


Description

Schema allacciamento connettori

Pin-connection diagram

Internal targets



External targets

Led strip

Scorta Available

Cella di carico Loading cell

Connettore distributore X6.2
Slip ring X6.2 connector



Description

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Machine	Boomerang 212/214 C										