



STRADA ROVERETA 27 47891 FALCIANO
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

ECOPLAT_FRD-RS

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

7450303036

I.M.: 00 N.B.: 2451

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

1 x 230VAC + PE 50Hz

Potenza Installata
Installed Power
Installierte Leistung
Puissance installée
Potencia Instalada

kW

Corrente Assorbita
Absorbed Current
Stromaufnahme
Absorption Electrique
Absorcion

A

Project Name: ECOPLAT_FRD-RS

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 : Ingrosso D.

Approvazione : Pecchenini P.

INTESTAZIONE
HEADING

CODE: 3710307545

DATE 03.03.2011

TOTAL
16

PREV.
PAGE

SUBS.
2

ECOPLAT_FRD-RS

1

Stampato su carta riciclata - printed on recycled paper



Elenco pagine

Table of content

EPROB0 / 26. Mag. 2000

Pagina Page	Descriz. pagina Page designation	Campo aggiunt.pagina Supplementary field	Data Date	Desegn. Editor.
1	INTESTAZIONE HEADING		30. 03. 2011	ABO
2	SOMMARIO PAGINE PAGES SUMMARY		30. 03. 2011	ABO
2.1	SOMMARIO PAGINE PAGES SUMMARY		30. 03. 2011	ABO
3	CIRCUITO DI ALIMENTAZIONE POWER SUPPLY CIRCUIT		30. 03. 2011	ABO
4	MOTORI TAVOLA, CARRELLO TABLE AND CARRIAGE MOTORS		30. 03. 2011	FFO
5	INGRESSI INPUTS		30. 03. 2011	FFO
6	INGRESSI INPUTS		30. 03. 2011	FFO
7	ESPANSIONE P&P03 P&P03 EXPANSION		30. 03. 2011	FFO
8	PANNELLO DISPLAY 10 LED DISPLAY		30. 03. 2011	FFO
9	LAMIERA PORTACOMPONENTI COMPONENTS PLATE		30. 03. 2011	MPO
10	DISPOSIZIONE CABLAGGIO WIRING LAYOUT		30. 09. 2010	MPO
11	MORSETTIERA CARRELLO CARRIAGE TERMINALBOARD		30. 03. 2011	MPO
12	LAYOUT MACCHINA MACHINE LAYOUT		30. 09. 2010	ABO
13	CAVI CABLES		30. 03. 2011	MPO

Stampato su carta riciclata - printed on recycled paper

Elenco pagine

Table of content

EPROB0 / 26. Mag. 2000

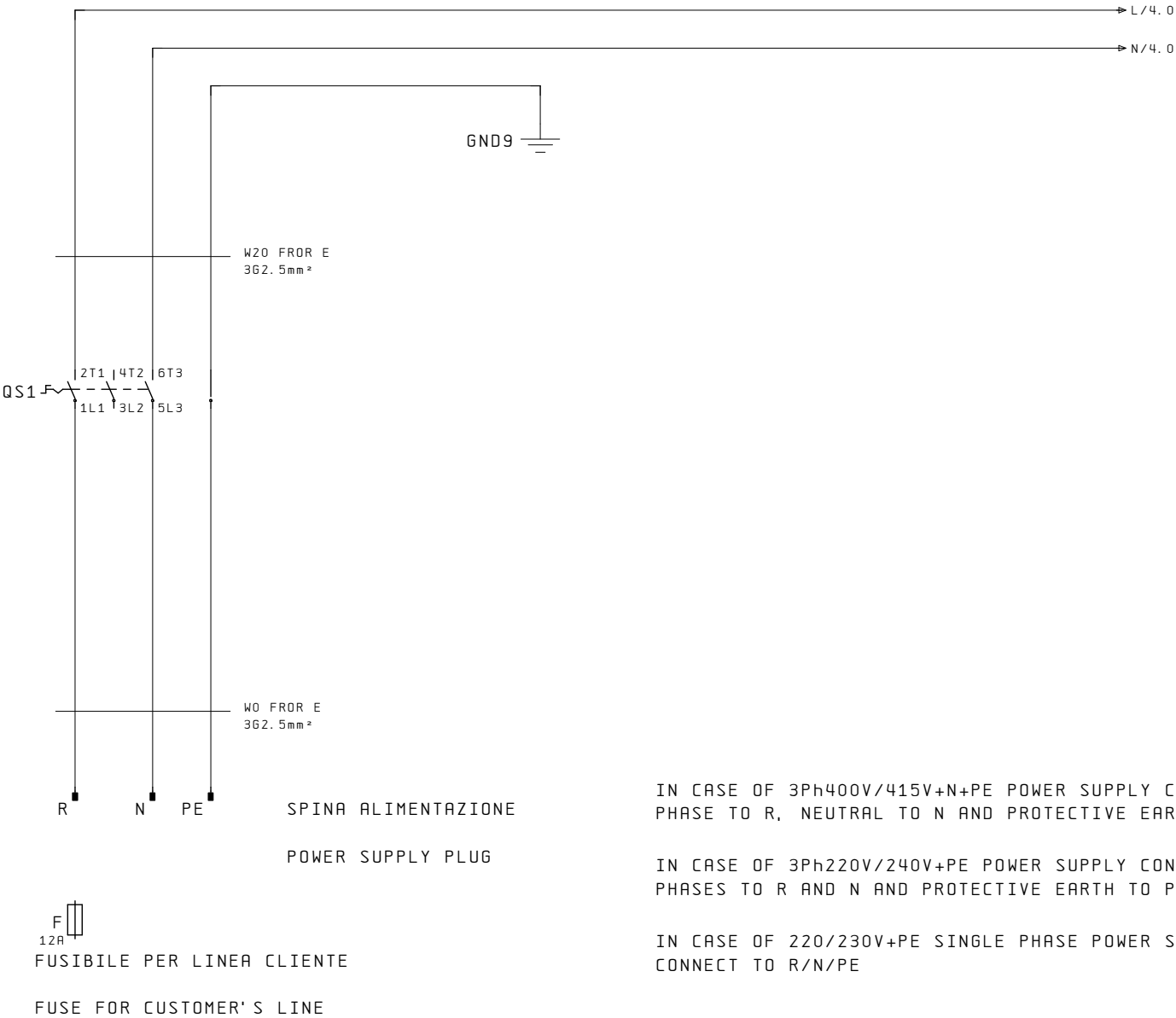
Pagina Page	Descriz. pagina Page designation	Campo aggiunt.pagina Supplementary field	Data Date	Desegn. Editor.
14	LISTA COMPONENTI BILL OF MATERIALS		30. 03. 2011	FF0
15	LISTA COMPONENTI BILL OF MATERIALS		30. 03. 2011	FF0

Stampato su carta riciclata - printed on recycled paper

1 * 230VAC + PE 50Hz

ALIMENTAZIONE DI RETE IN
CASSETTA

ELECTRIC BOX
POWER SUPPLY

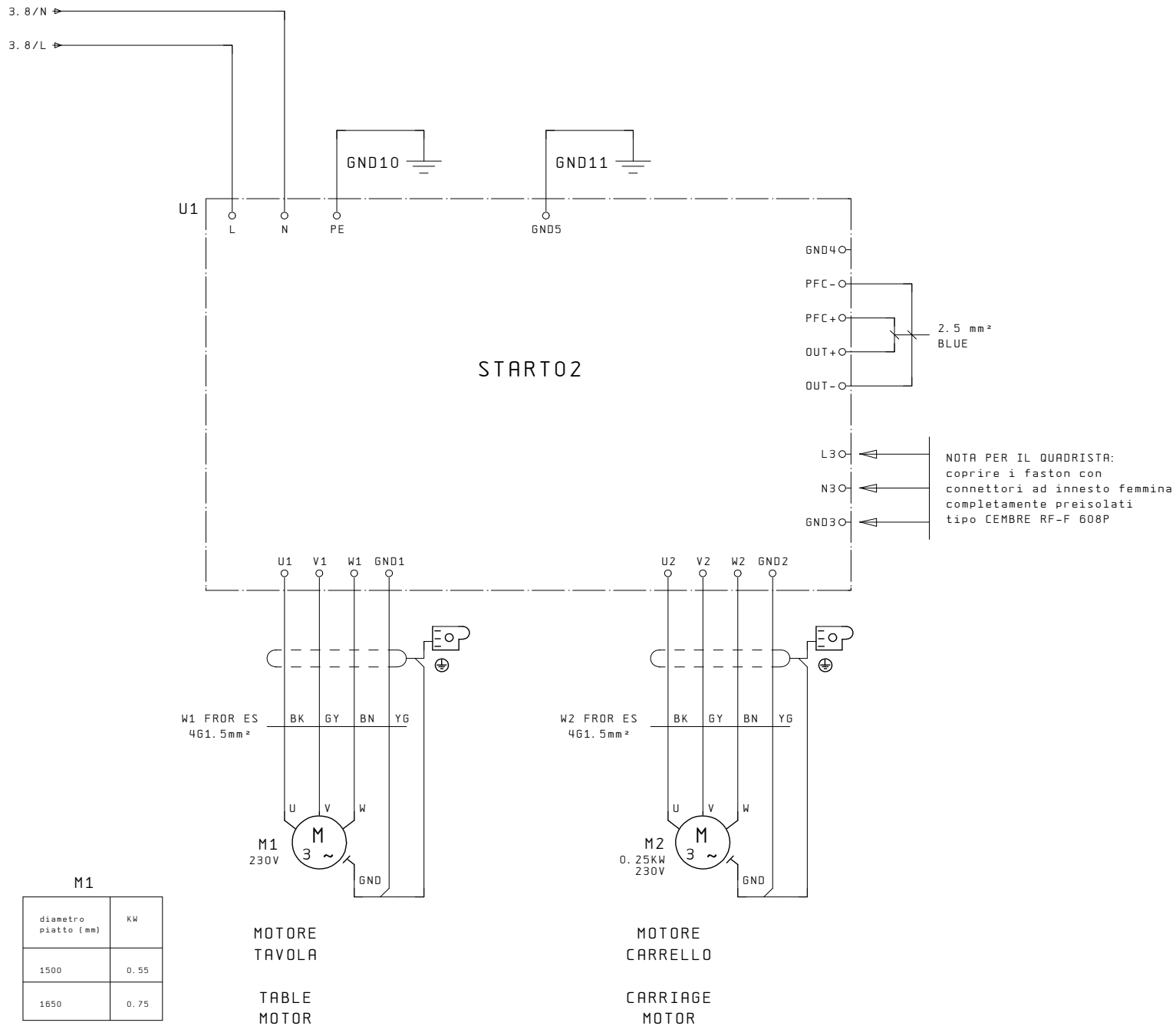


IN CASE OF 3Ph400V/415V+N+PE POWER SUPPLY CONNECT ONE
PHASE TO R, NEUTRAL TO N AND PROTECTIVE EARTH TO PE

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

Stampato su carta riciclata - printed on recycled paper



M1

diametro piatto (mm)	KW
1500	0.55
1650	0.75

MOTORE
TAVOLA

TABLE
MOTOR

MOTORE
CARRELLO

CARRIAGE
MOTOR

MOTORI TAVOLA, CARRELLO
TABLE AND CARRIAGE MOTORS

CODE: 3710307545

DATE 03.03.2011

TOTAL
16

PREV.
3

SUBS.
5

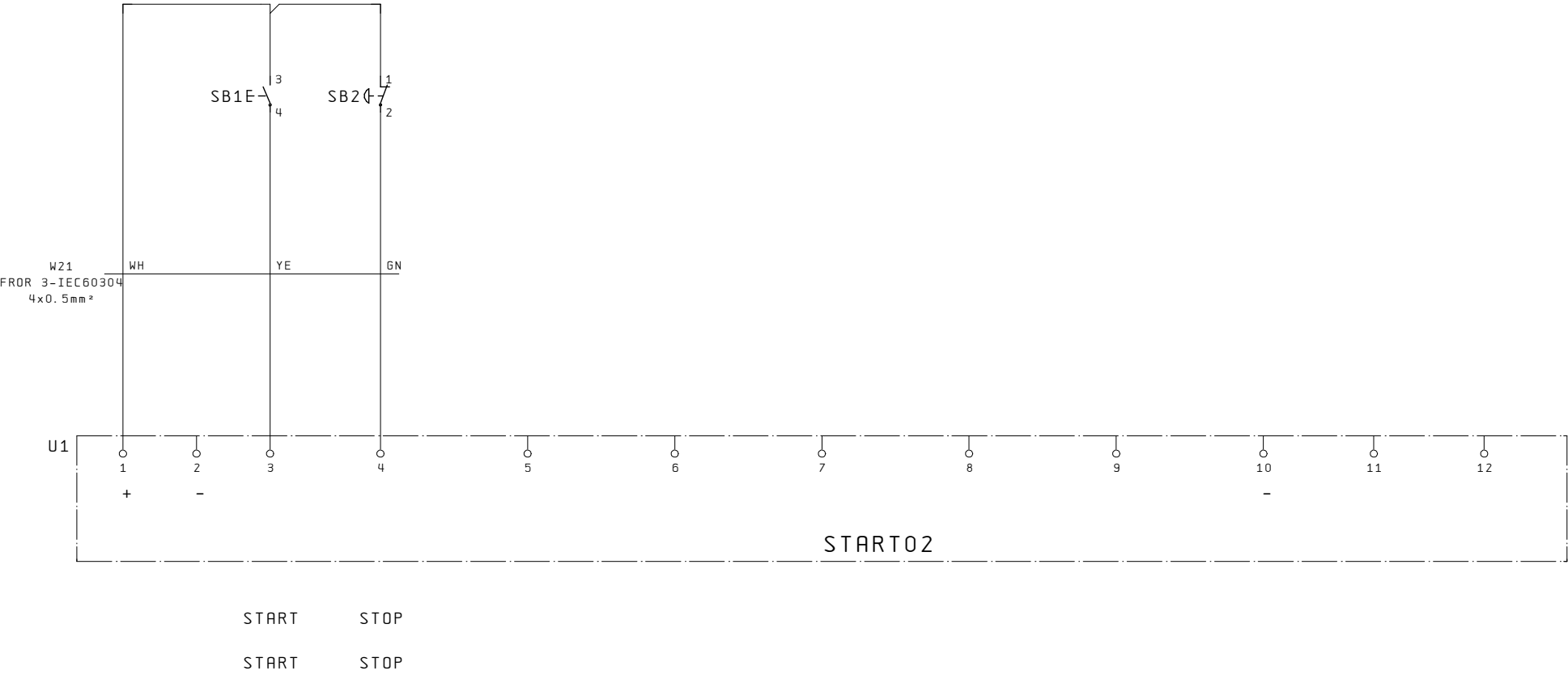
ECOPLAT_FRD-RS

PAGE

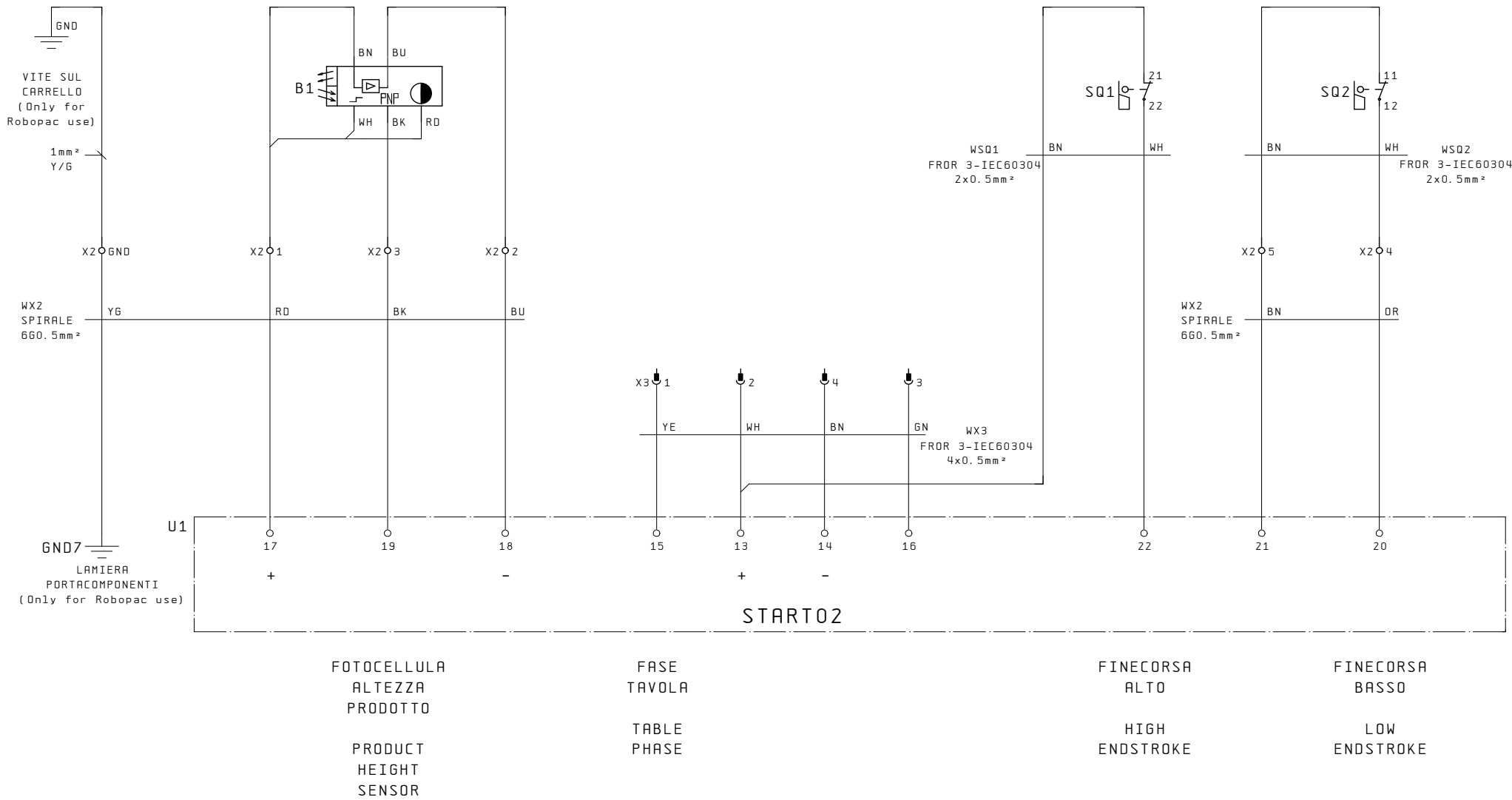
4

Stampato su carta riciclata - printed on recycled paper

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

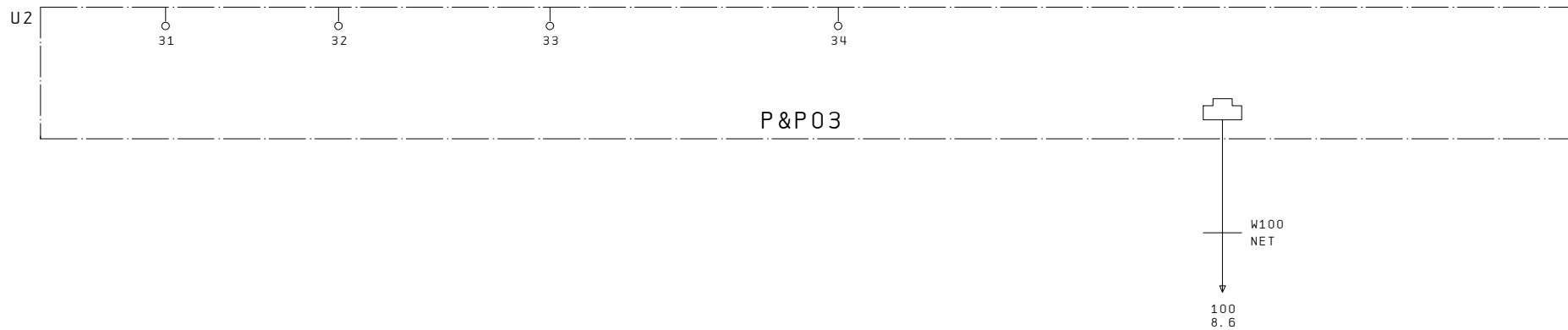


Stampato su carta riciclata - printed on recycled paper

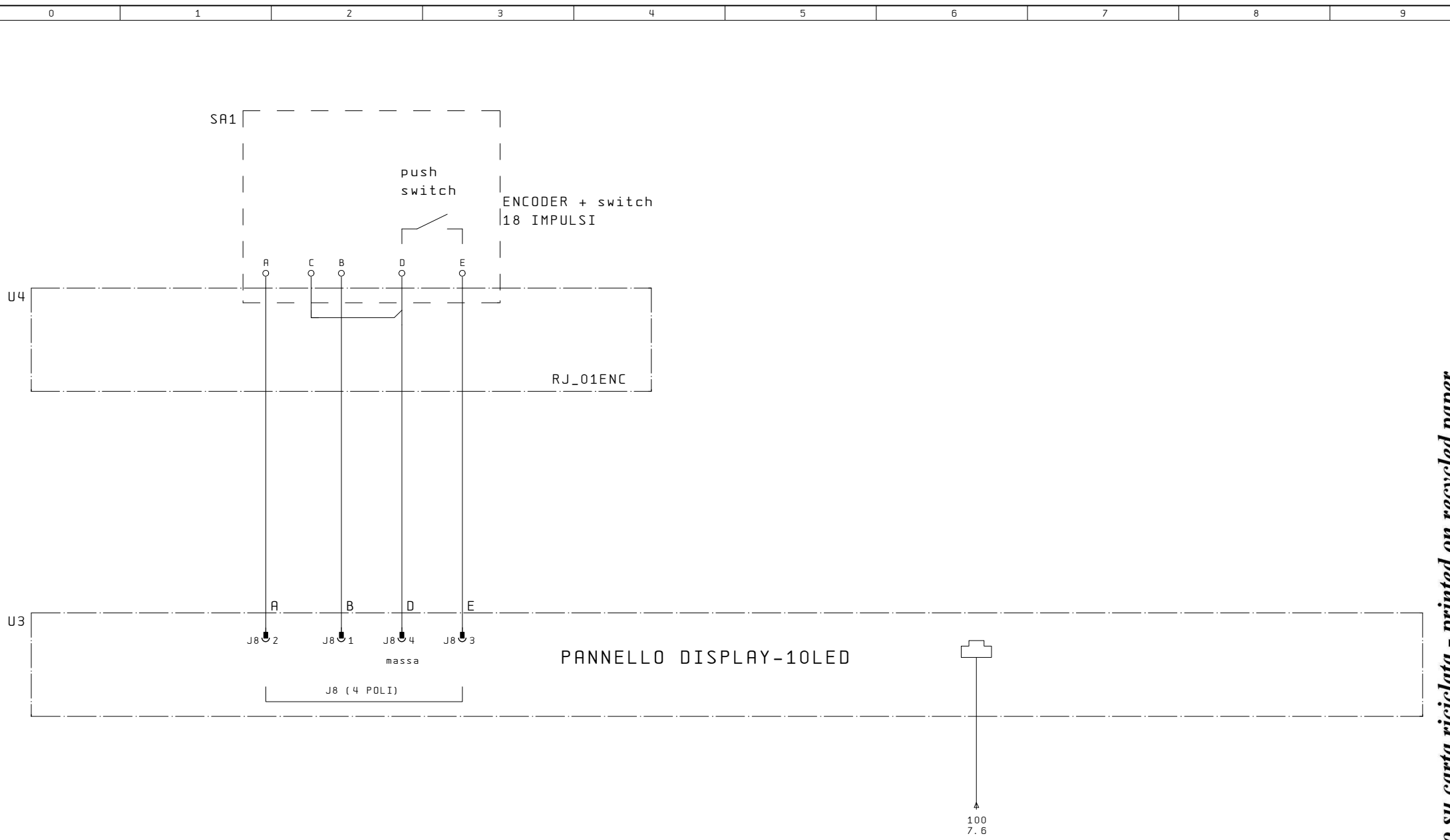


Stampato su carta riciclata - printed on recycled paper

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

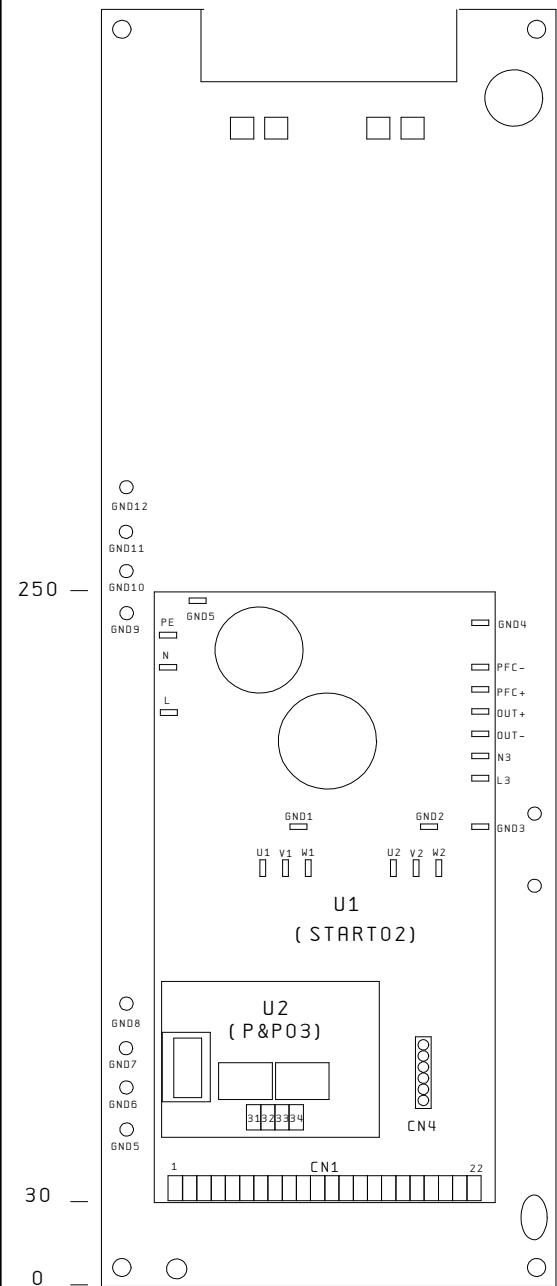


Stampato su carta riciclata - printed on recycled paper

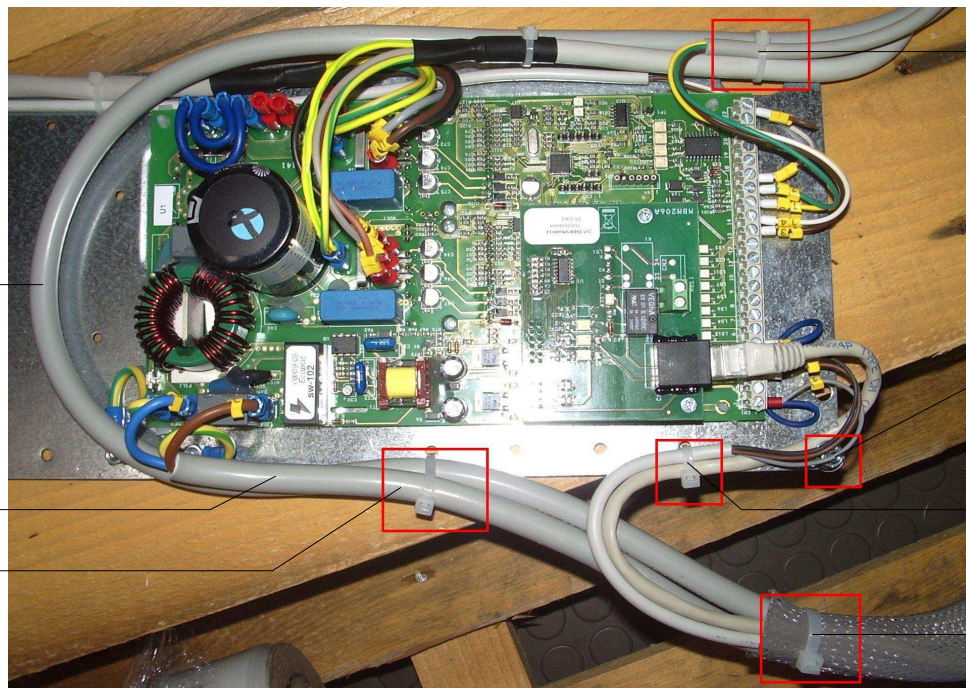


Fissare il pannello al carter in ABS con
 n° 4 viti 3,5x13 AB UNI 6954 autofilettanti, testa bombata a croce
 cod. Robopac 0000314186

Stampato su carta riciclata - printed on recycled paper



Bloccare in questo punto i cavi W0 e W20



I cavi devono restare all'interno dell'ingombro della lamiera

Vite di terra M5 con dado e controdado

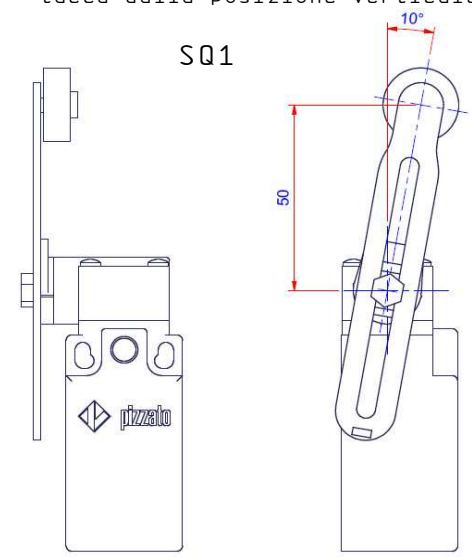
Bloccare in questo punto i cavi W100 e W21

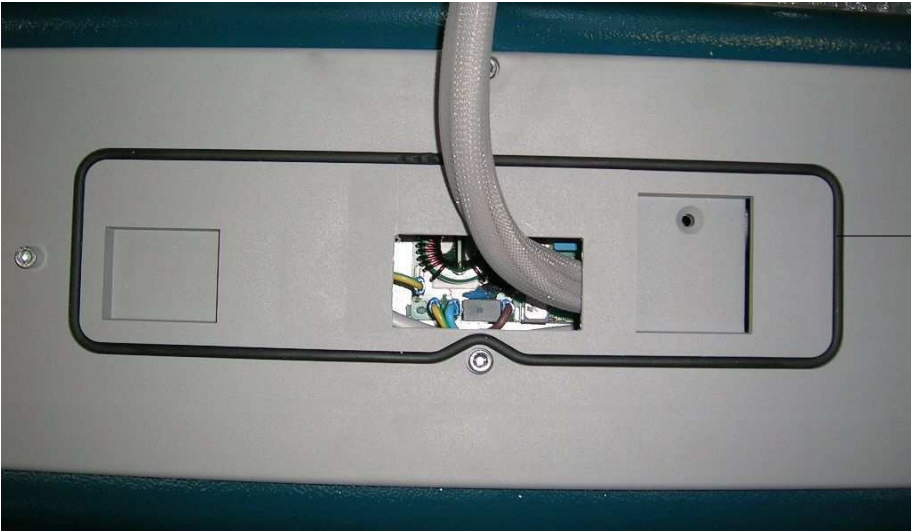
Bloccare i cavi in questo punto

Posizionare la leva come in figura. Per ottenere 10°, spostare la leva di una tacca dalla posizione verticale.

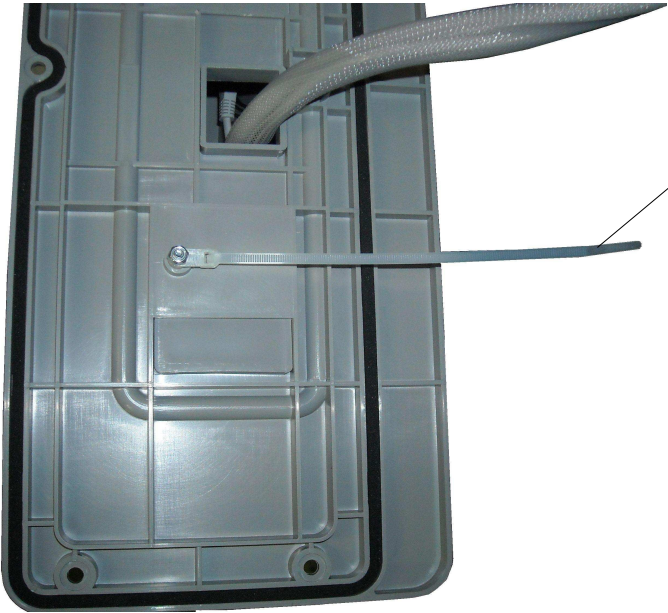


Collarini per schermo cavi





Fissare la guarnizione al pannello con adesivo istantaneo tipo LOXEAL 43 o analogo

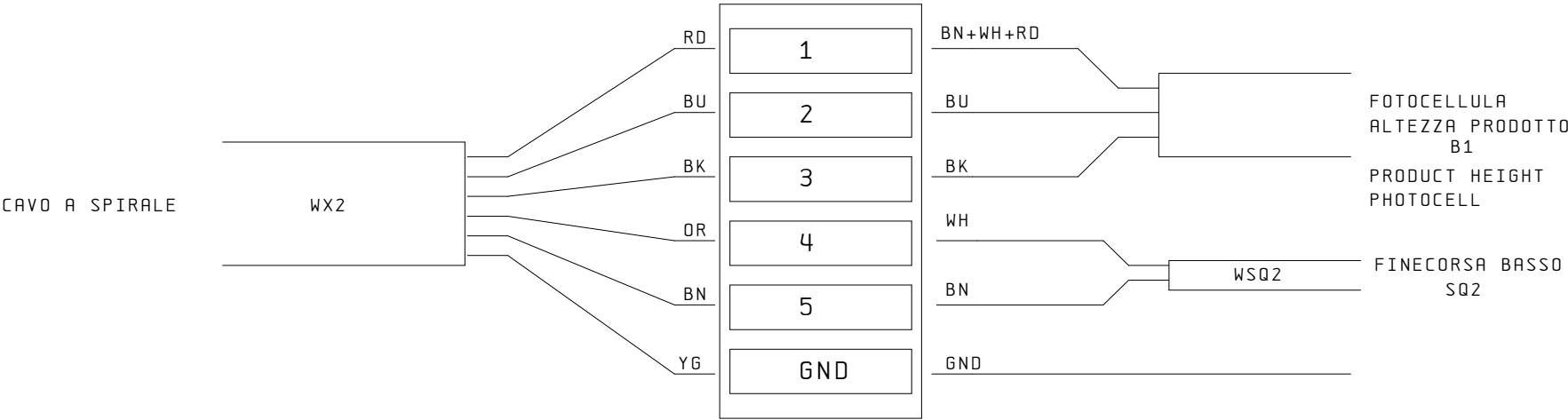


Portafascette a vite

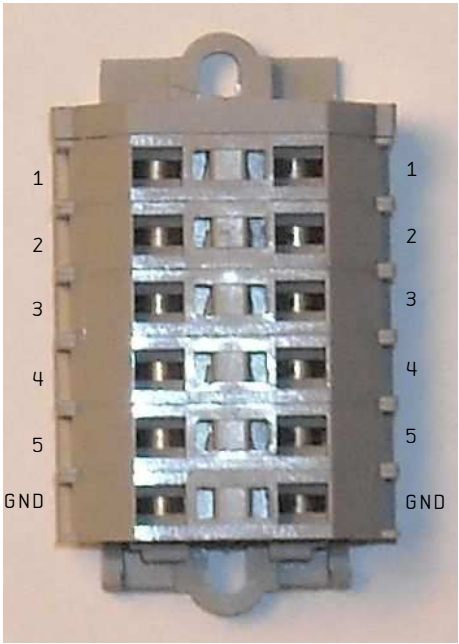


Portafascette adesivo

X2: MORSETTIERA 6 POLI SUL CARRELLO
X2: 6 POLES TERMINALBOARD ON CARRIAGE

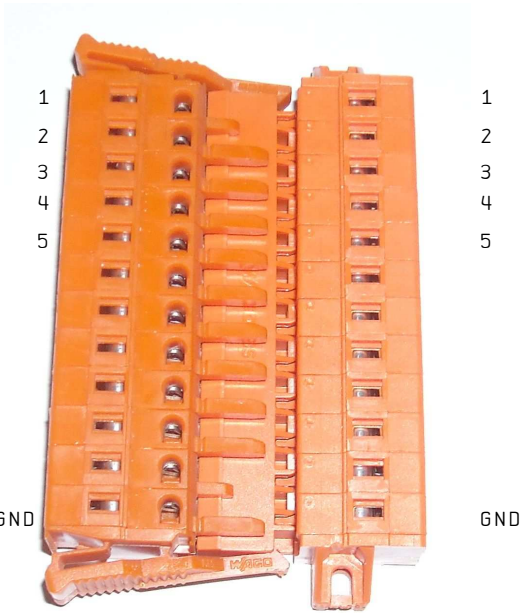


FRD/RS

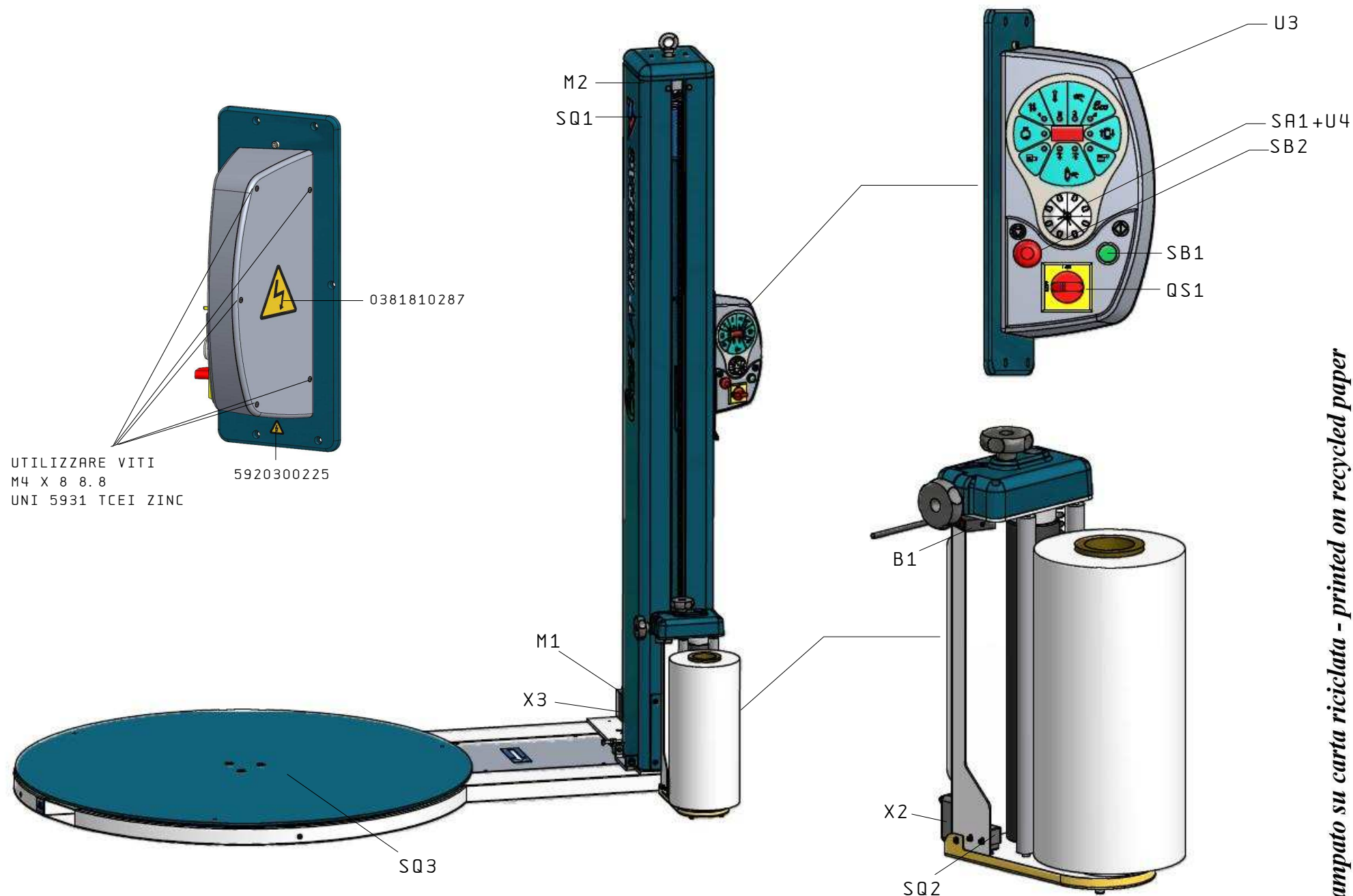


X2: MORSETTIERA 6 POLI SUL CARRELLO
X2: 6 POLES TERMINALBOARD ON CARRIAGE

FRD RETE



Stampato su carta riciclata - printed on recycled paper



Stampato su carta riciclata - printed on recycled paper

0	1	2	3	4	5	6	7	8	9		
NOME CAVO	LUOGO DI PARTENZA	NUMERO FILI	NUMERAZ. FILI	SEZIONE FILI IN mm²	SCHERMATURA	TIPO DI CAPICORDA	cm SPELLATURA	LUNGHEZZA E TIPO CAVO	cm SPELLATURA	TIPO DI CAPICORDA	LUOGO DI DESTINAZ.
	LUNGHETTA TOTALE CAVO = A + B + C B A C										
W0	---	3	R, N, PE	2.5	NO	NO	5 cm	595 cm 362.5 mm² FROR3-CEI 2022	10 cm	PUNTALINO	QS1
W20	QS1	3	R, N, PE	2.5	NO	PUNTALINO	15 cm	105 cm 362.5 mm² FROR3-CEI 2022	5 cm	FASTON	U1
W1	U1	4	BK, GY, BN, YG	1.5	SI	FASTON	19 cm	210 cm 4G 1.5 mm² +SCH FROR3-CEI 2022	7 cm	OCCHIELLO U, V, W Ý4 GND, SCH Ý5	M1
W2	U1	4	BK, GY, BN, YG	1.5	SI	FASTON	19 cm	205 cm 4G 1.5 mm² +SCH FROR3-CEI 2022	10 cm	OCCHIELLO U, V, W Ý4 GND, SCH Ý5	M2
WX2	U1	6	BK, BN, RD, OR, BU, YG	0.5	NO	PUNTALINO	10 cm	120 cm (esteso) CAVO SPIRALE 660.5 KU4000 UNIKA	10 cm		X2
W21	U1	4	WH, BN YE, GN	0.5	NO	PUNTALINO	5 cm	90 cm 4x0.5 mm² DIN 47100	15 cm		SB1 SB2
WX3	U1	4	WH, BN YE, GN	0.5	NO	PUNTALINO	5 cm	190 cm 4x0.5 mm² DIN 47100	5 cm	PUNTALINO	X3 1-YE 2-WH 3-GN 4-BN
WSQ1	U1	2	WH, BN	0.5	NO	PUNTALINO	10 cm	223 cm 2x0.5 mm² DIN 47100	4 cm	PUNTALINO	SQ1 21 - BN 22 - WH
WSQ2	X2	2	WH, BN	0.5	NO	PUNTALINO	5 cm	12 cm 2x0.5 mm² DIN 47100	3 cm	PUNTALINO	SQ2

o su carta riciclata - printed on recycled paper

PER IL QUADRISTA: i cavi W0, W20, W21 e W100 devono essere inseriti nella guaina intrecciata, che va fissata tramite fascette all'interno del pannello di comando.

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

Distinta base
Bill of materials

SEF ID	Designazione Designation	Articolo Article	Costruttore Manufacturer	Q.ta' Amount	Cod. articolo Article number	Pag. /colon. Page/path
CASSETTA	CASSETTA ELETTRICA/ELECTRIC BOX		ROBOPAC	1	4280300133	3. 1
CASSETTA	COPERCHIO CASSETTA/BOX COVER		ROBOPAC	1	4350300092	3. 1
CASSETTA	PIASTRA FISSAGGIO/FIXING PLATE		ROBOPAC	1	5330300599	3. 1
CASSETTA	TARGA/LABEL		ROBOPAC	1	5920300670	3. 1
CASSETTA	TARGA FULMINE/PLATE			1	5920300225	3. 1
CASSETTA	TARGA FULMINE/PLATE		ROBOPAC	1	03818102876	3. 1
CASSETTA	TARGA/ID PLATE			1	5920300098	3. 1
ELECTRICBOX	GOMMA AERSTOP/RUBBER GASKET		ASSOTECH	1. 90	0000630614	3. 1
ELECTRICBOX	GOMMA AERSTOP/RUBBER GASKET		AERSTOP	1. 30	0000631707	3. 1
QS1	INTERRUTTORE/SWITCH	OT40FT3	ABB	1	0099000193H	3. 2
QS1	MANOPOLA/HAND GRIP	OHYS2RJ	ABB	1	0099000127L	3. 2
U1	SCHEDA/CARD	START_02 204.000P1100054	MBM	1	1430300174	4. 1
SB1	PULSANTE/BUTTON	M22-D-6	MOELLER	1	0001300695L	5. 1
SB1	SUPPORTO/SUPPORT	M22-A	MOELLER	1	0001300700A	5. 1
SB1	CONTATTO/CONTACT	M22-CK10	MOELLER	1	0001300024F	5. 1
SB2	PULSANTE/BUTTON	M22-DP-R-216714	MOELLER	1	0001300798H	5. 2
SB2	CONTATTO/CONTACT	M22-CK01	MOELLER	1	0001300027C	5. 2
SB2	SUPPORTO/SUPPORT	M22-A	MOELLER	1	0001300700A	5. 2
X2	MORSETTIERA/TERMINAL BOARD	260-106	WAGO	1	0001357726E	6. 0
X2	PRESSACAVO 90°/90° CABLE GLAND	1-314-1601-50	HUMMEL	1	0890300001	6. 0
B1	FOTOCELLULA/PHOTOCELL	S6-5-C200	DATALOGIC	1	0001310154D	6. 2
X3	PRESA/SOCKET	CKF-04	ILME	1	0001353016D	6. 4
X3	CUSTODIA/MOBILE CASE	MK-V620	ILME	1	0001357358D	6. 4
X3	SPINA/PLUG	CKM-04	ILME	1	0001353017F	6. 4
X3	CUSTODIA/MOBILE CASE	MK-V20	ILME	1	0001357351H	6. 4

Stampato su carta riciclata - printed on recycled paper

Distinta base
Bill of materials

SEF ID	Designazione Designation	Articolo Article	Costruttore Manufacturer	Q. ta' Amount	Cod. articolo Article number	Pag. /colon. Page/path
SQ1	FINECORSА/MICROSWITCH	FR-555-M1	PIZZATO	1	00013097176	6. 6
SQ2	PROTEZIONE/TERMINAL PROTECTION	VF-C02	PIZZATO	1	0001347611H	6. 8
SQ2	FINECORSА/SWITCH	MK-V11D09	PIZZATO	1	0001310459	6. 8
U2	SCHEDA/CARD	P&P03 REV00	MBM-CD	1	1430300165	7. 0
U4	SCHEDA/ELECTRONIC CARD	RJ_01ENC	ROBOPAC	1	1430300125	8. 0
U3	SCHEDA/CARD	DISPLAY-10LED	MBM-CD	1	1430300164	8. 0
SA1	JOG		ROBOPAC	1	6220300017	8. 1
WX2	CAVO SPIRALE/SPIRAL CABLE		UNIKA	1	0742300001	6. 0

Stampato su carta riciclata - printed on recycled paper