



Strada Molino Magi, 66 47892 GUALDICCIOLO
 TEL. (Italy): 0549 941426 (Int'l): ++378 941426 FAX 977419
 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

FREESBY 12

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

7450303291

I. M.: 01 N. B.: 3049

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

1 X 230 V + PE 50/60 Hz

Potenza Installata
 Installed Power
 Installierte Leistung
 Puissance installée
 Potencia Instalada

1.9 kW

Corrente Assorbita
 Absorbed Current
 Stromaufnahme
 Absorption Electrique
 Absorcion

7.0 A

Project Name: CAR PGS

Per il costruttore del quadro elettrico:

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

Emissione : Brizi A.
 Verifica : Ingrosso D.
 Approvazione : Laghi P.



INTESTAZIONE
 HEADING

CODE: 3709300183

DATE 30.09.2014

TOTAL
18

PREV.
2

SUBS.
2

FREESBY 12

PAGE

1

Elenco pagine

Table of content

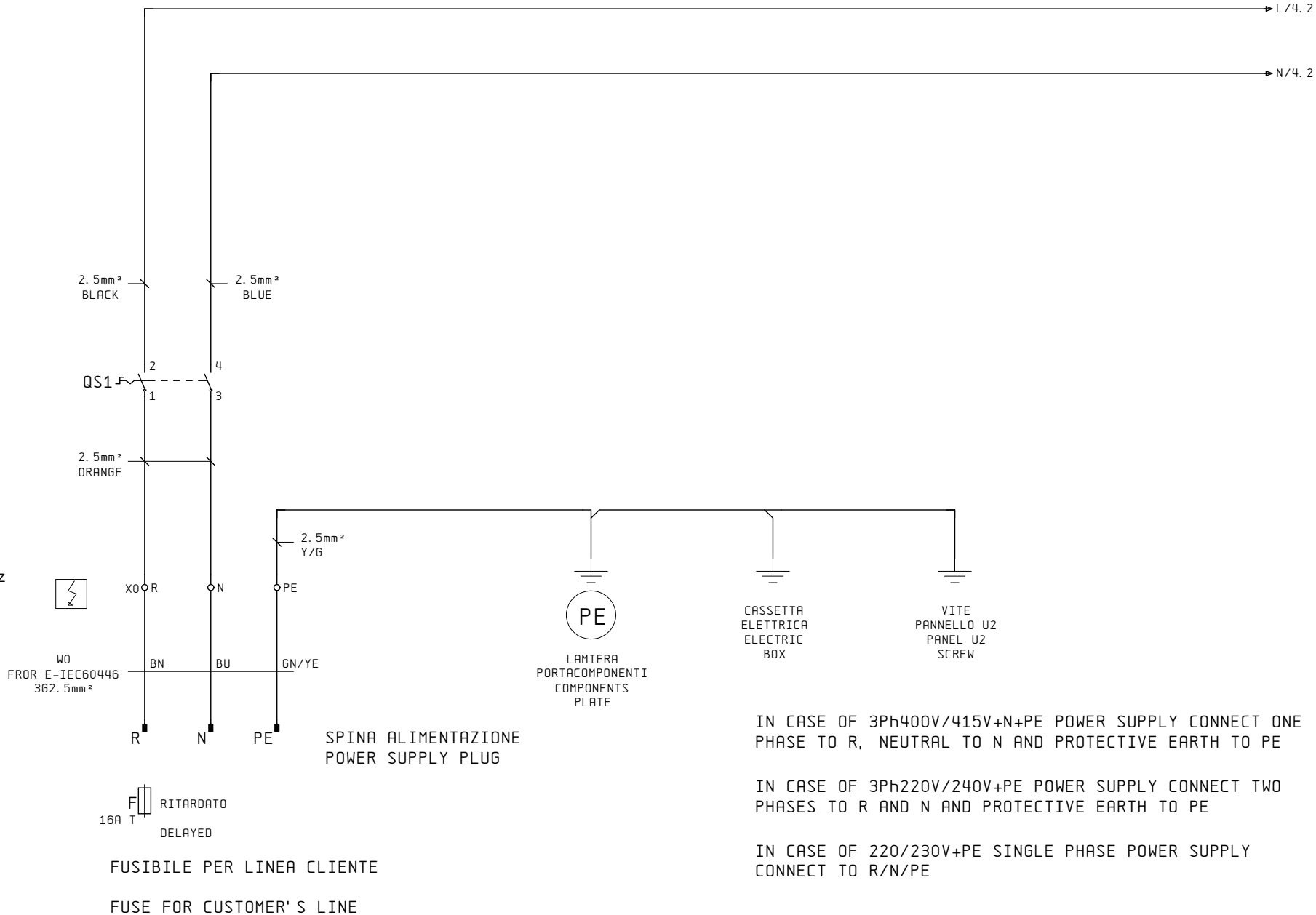
EPROBO / 26. Mag. 2000

| Pagina Page | Descriz. pagina Page designation | Campo aggiunt. pagina Supplementary field | Data Date | Desegn. Editor. |
|----------------|--|--|--------------|--------------------|
| /1 | INTESTAZIONE HEADING | INTES\M10000 | 26. 01. 2012 | ABO |
| /2 | SOMMARIO PAGINE PAGES SUMMARY | | 26. 01. 2012 | ABO |
| /2.1 | SOMMARIO PAGINE PAGES SUMMARY | | 26. 01. 2012 | ABO |
| /3 | CIRCUITO DI ALIMENTAZIONE POWER SUPPLY CIRCUIT | CAR\M10000 | 26. 01. 2012 | ABO |
| /4 | CIRCUITO DI POTENZA POWER CIRCUIT | CAR\M60000 | 26. 01. 2012 | ABO |
| /5 | CIRCUITO DI POTENZA POWER CIRCUIT | CAR\M80000 | 22. 07. 2011 | ABO |
| /6 | CIRCUITO AUSILIARIO AUXILIARY CIRCUIT | CAR\M100000 | 22. 07. 2011 | ABO |
| /7 | CIRCUITO AUSILIARIO AUXILIARY CIRCUIT | CAR\M120000 | 26. 01. 2012 | ABO |
| /8 | CIRCUITO AUSILIARIO AUXILIARY CIRCUIT | CAR\M150000 | 26. 01. 2012 | ABO |
| /9 | PLANIMETRIA LAYOUT | CAR\M190000 | 26. 01. 2012 | ABO |
| /10 | PANNELLO DI CONTROLLO CONTROL PANEL | CAR\M210000 | 22. 07. 2011 | ABO |
| /11 | LAYOUT MACCHINA MACHINE LAYOUT | CAR\M240000 | 24. 05. 2011 | ABO |
| /12 | CAVI CABLES | CAR\M280000 | 26. 01. 2012 | MPO |
| /13 | MORSETTIERA ALIMENTAZIONE POWER SUPPLY TERMINAL STRIP | | 26. 01. 2012 | ABO |



1 * 230V + PE 50/60Hz

ALIMENTAZIONE
DI RETE IN
CASSETTA
ELECTRIC BOX
POWER SUPPLY

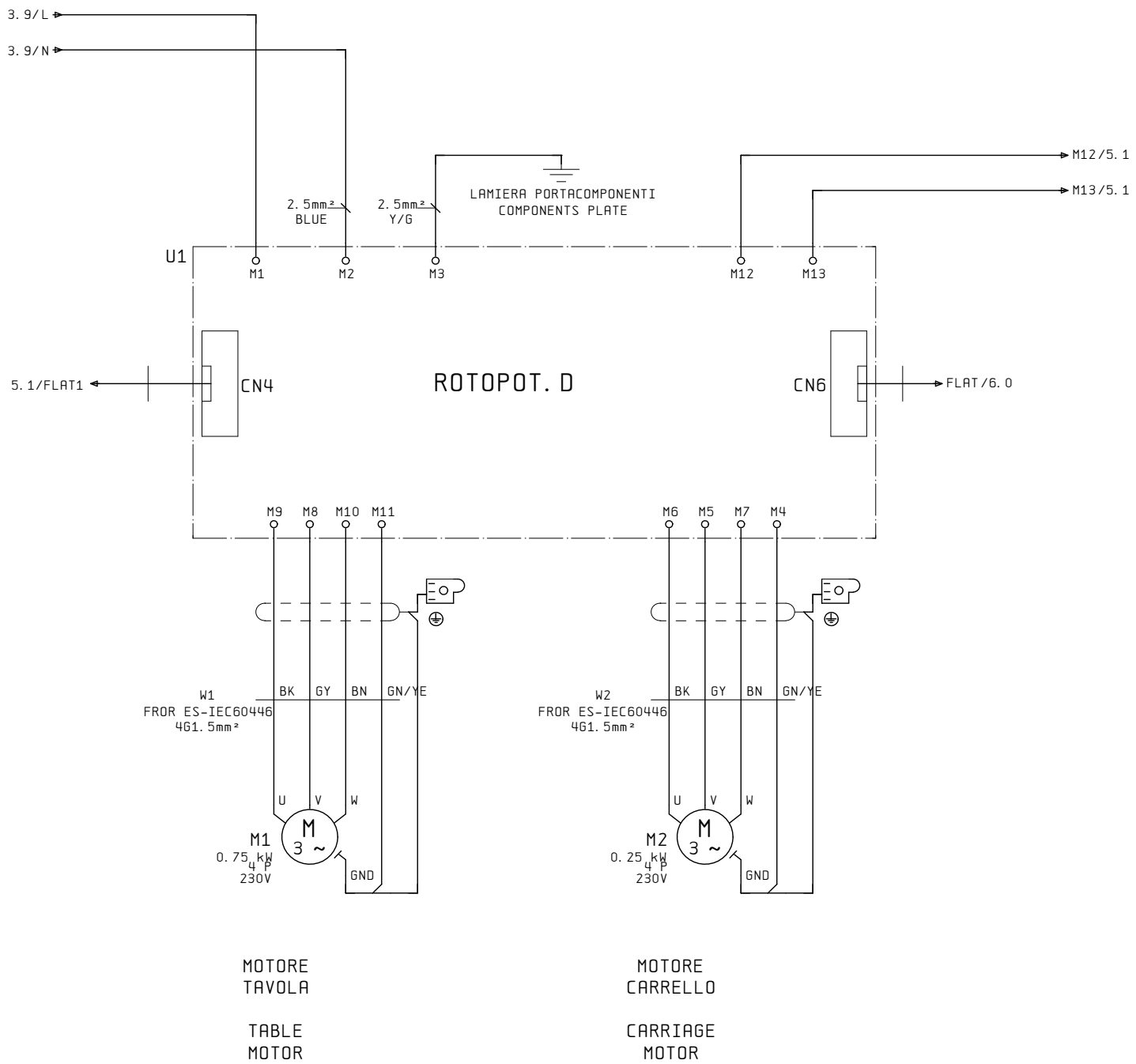


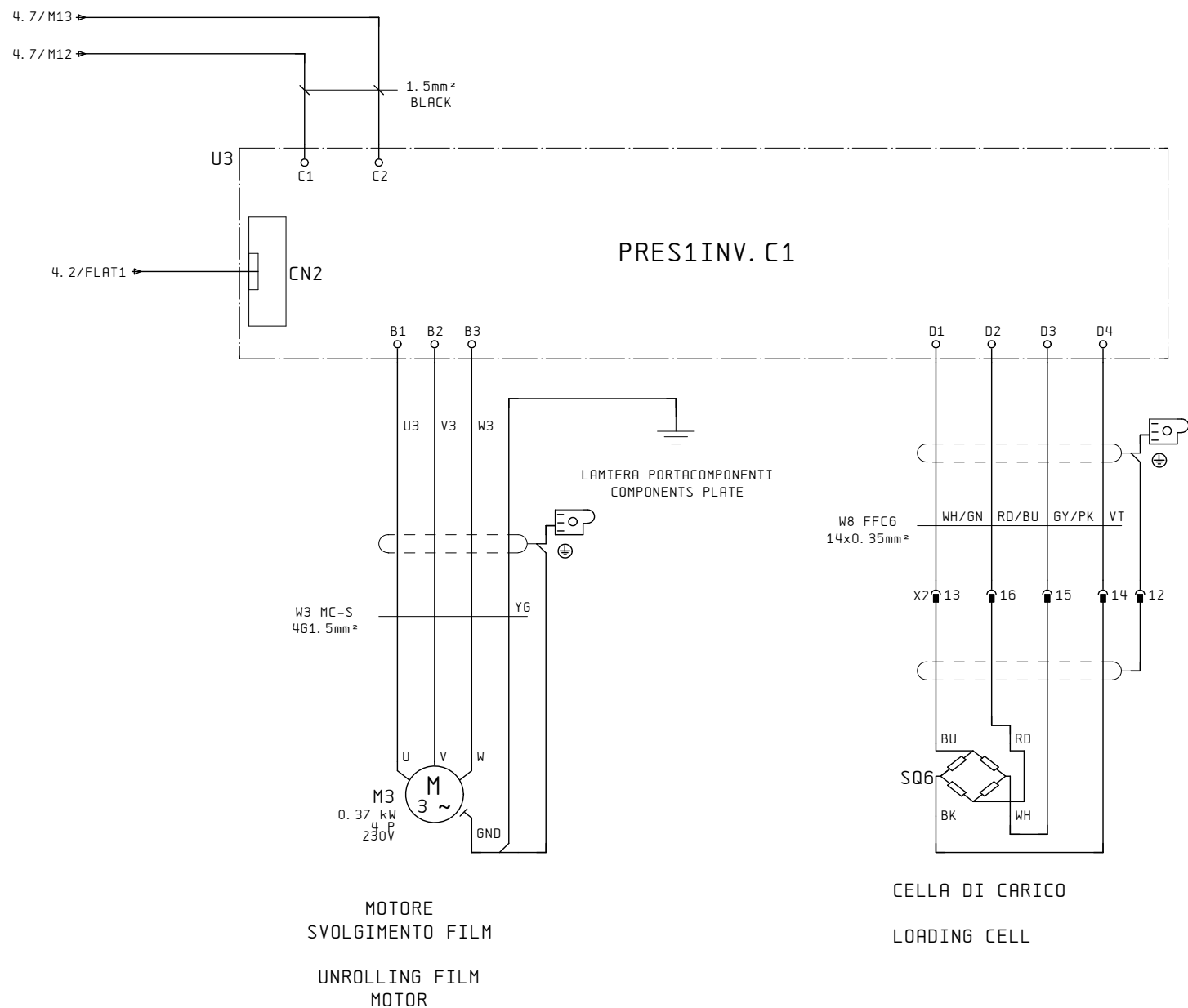
IN CASE OF 3Ph400V/415V+N+PE POWER SUPPLY CONNECT ONE PHASE TO R, NEUTRAL TO N AND PROTECTIVE EARTH TO PE

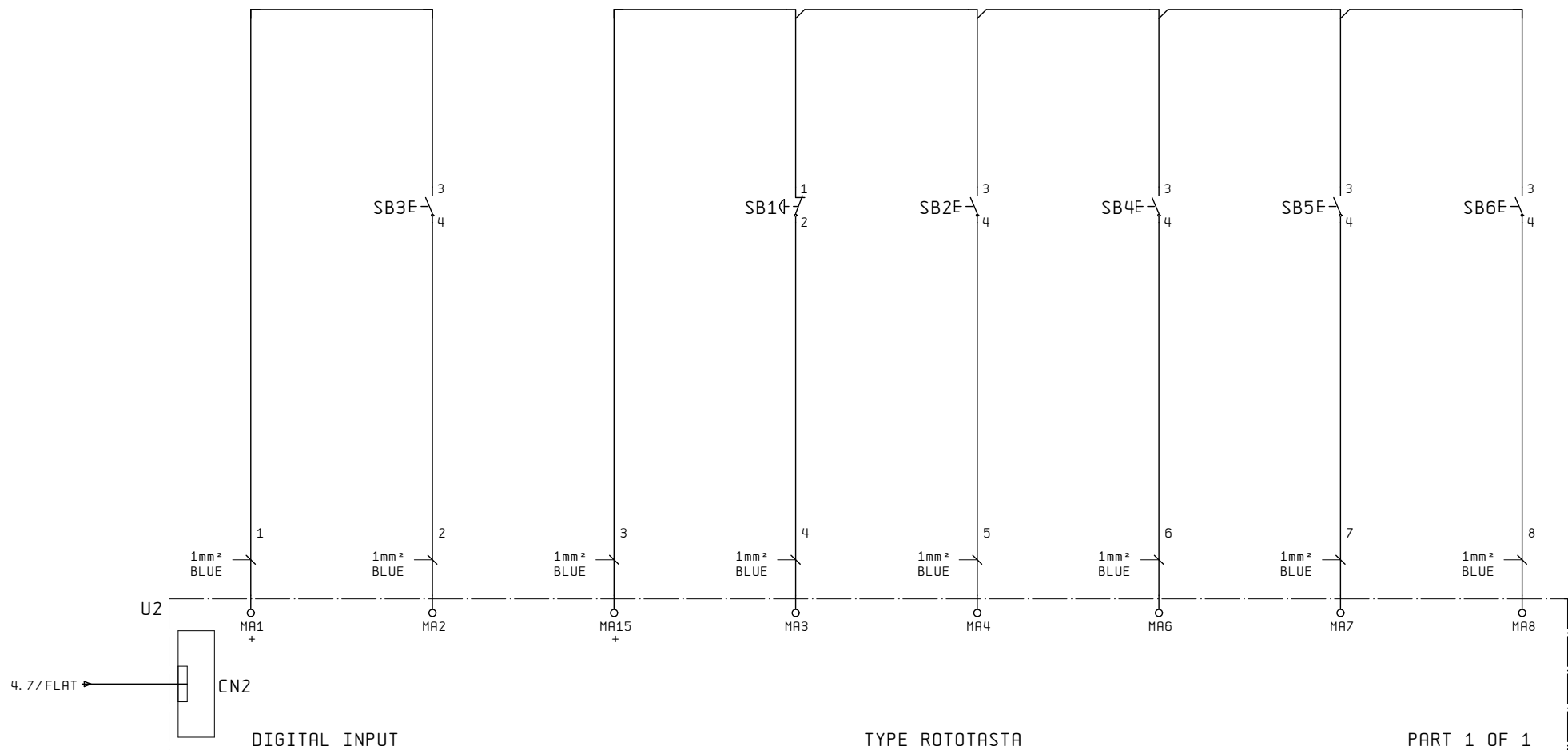
IN CASE OF 3Ph220V/240V+PE POWER SUPPLY CONNECT TWO PHASES TO R AND N AND PROTECTIVE EARTH TO PE

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









4. 7 / FLAT → CN2

RESET

STOP

START

RITORNO
CARRELLO

STOP
CARRELLO

MANUALE
PRESSORE

RESET

STOP

START

CARRIAGE
RETURN

STOP
CARRIAGE

PRESSURE
MANUAL

(OPTIONAL)



CIRCUITO AUSILIARIO
AUXILIARY CIRCUIT

CODE: 3709300183

DATE 30. 09. 2014

TOTAL
18

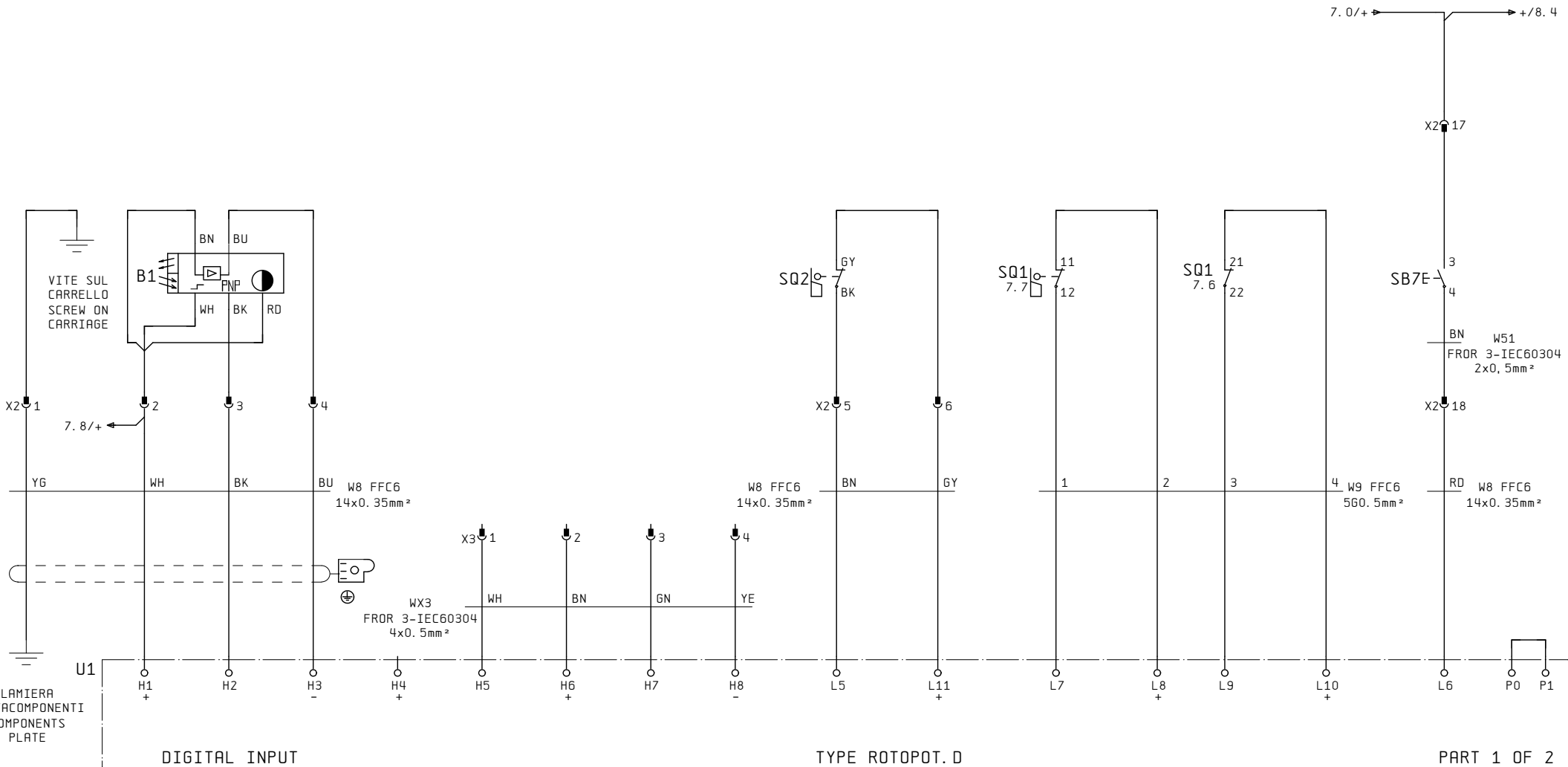
PREV.
5

SUBS.
7

FREESBY 12

PAGE

6



DIGITAL INPUT

TYPE ROTOPOT. D

PART 1 OF 2

FOTOCELLULA ALTEZZA PRODOTTO

PRODUCT HEIGHT PHOTOCELL

FASE TAVOLA

TABLE PHASE

FOTOCELLULA EMERGENZA

EMERGENCY SENSOR

FINECORSA EMERGENZA CARRELLO

CARRIAGE EMERGENCY ENDSTROKE

FINECORSA ALTO

HIGH ENDSTROKE

FINECORSA BASSO

LOW ENDSTROKE

PULSANTE SVOLGIMENTO FILM

UNROLLING FILM PUSH-BUTTON



CIRCUITO AUSILIARIO
AUXILIARY CIRCUIT

CODE: 3709300183

DATE 30. 09. 2014

TOTAL 18

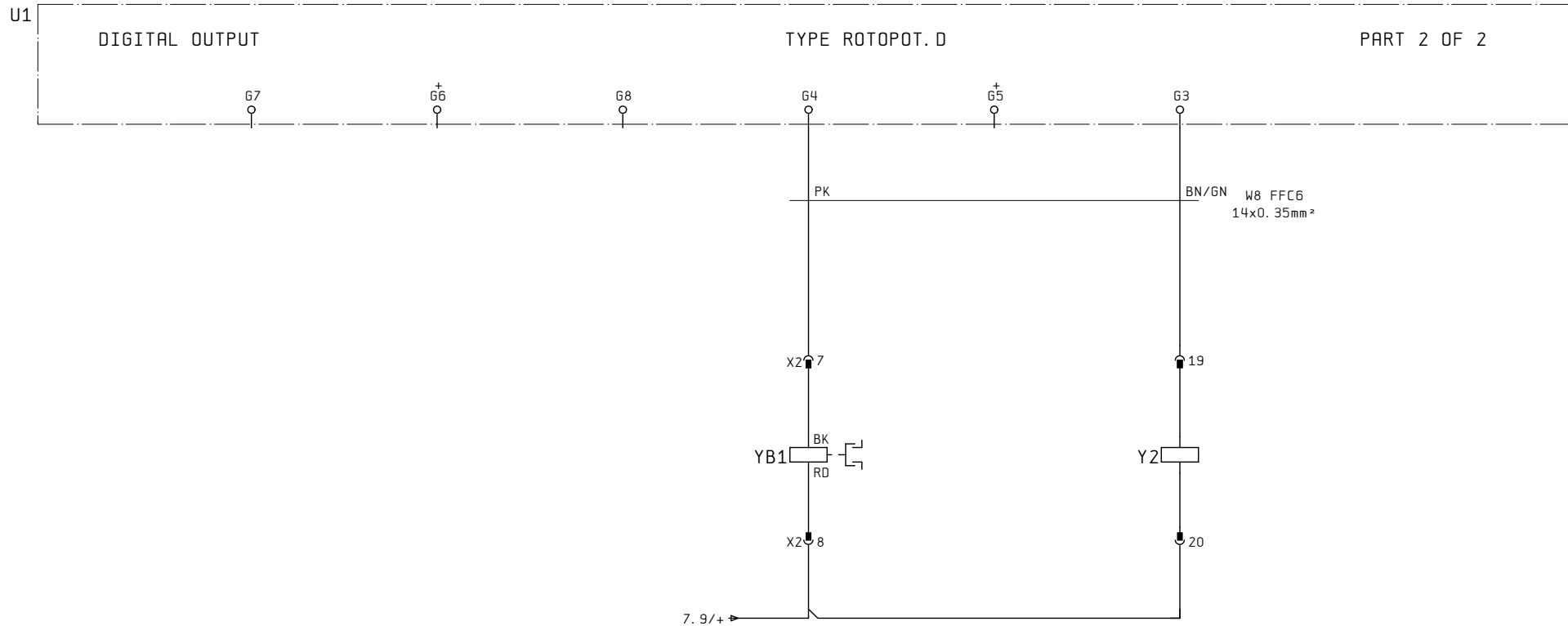
PREV. 6

SUBS. 8

FREESBY 12

PAGE

7



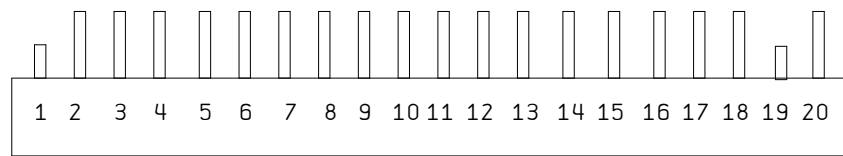
TAGLIO

CUT

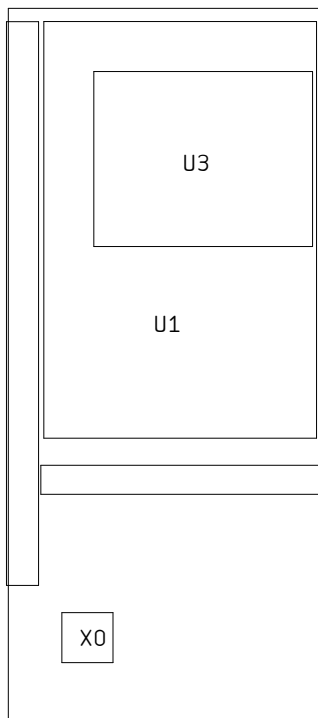
(Optional)



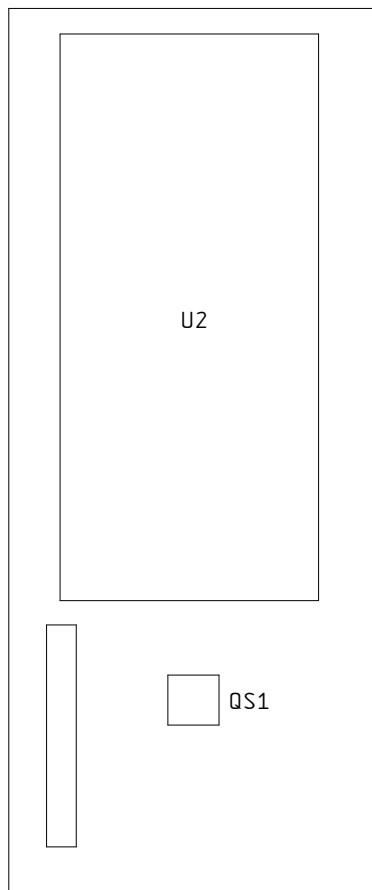
X2



CASSETTA ELETTRICA
ELECTRIC BOX



PANNELLO
CASSETTA
PANEL
CONTROL BOX



VISTA DALL' INTERNO
INNER VIEW

Cavo W8

- | | | |
|--------|--------------|------------------------------|
| 1 --> | Fili YE e GN | RICOPRIRE I FILI GIALLO E |
| 2 --> | Filo WH | VERDE CON GUAINA |
| 3 --> | Filo BK | TERMORETRAIBILE GIALLO/VERDE |
| 4 --> | Filo BU | (COLLEGAMENTO DI TERRA) |
| 5 --> | Filo BN | |
| 6 --> | Filo GY | |
| 7 --> | Filo PK | |
| 8 --> | + (PONTE) | |
| 9 --> | | |
| 10 --> | | |
| 11 --> | | |
| 12 --> | SCH | |
| 13 --> | Filo WH/GN | |
| 14 --> | Filo VT | |
| 15 --> | Filo GY/PK | |
| 16 --> | Filo RD/BU | |
| 17 --> | + (PONTE) | |
| 18 --> | Filo RD | |
| 19 --> | Filo BN/GN | |
| 20 --> | + (PONTE) | |

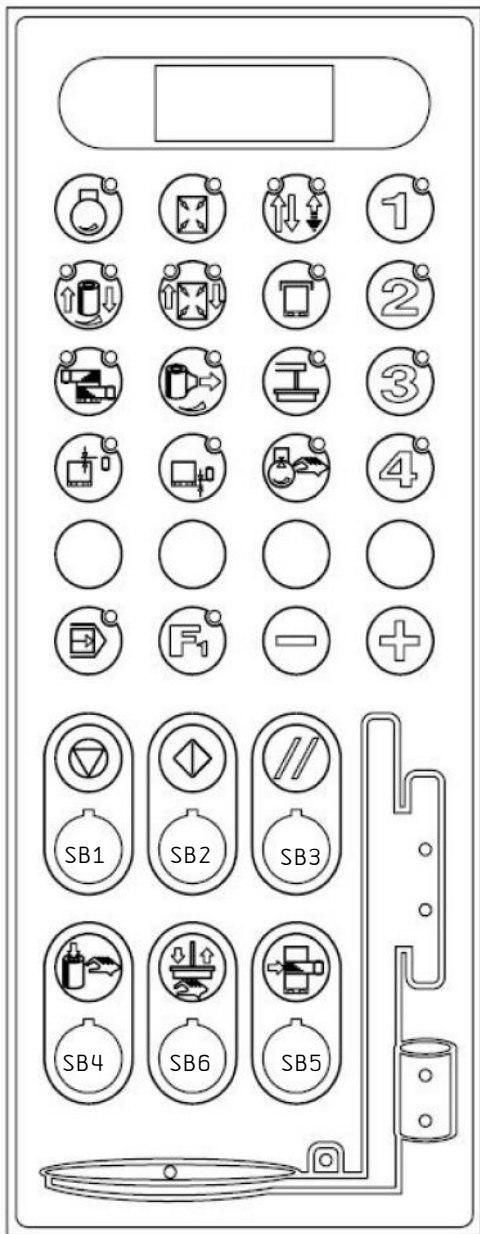
SQ1



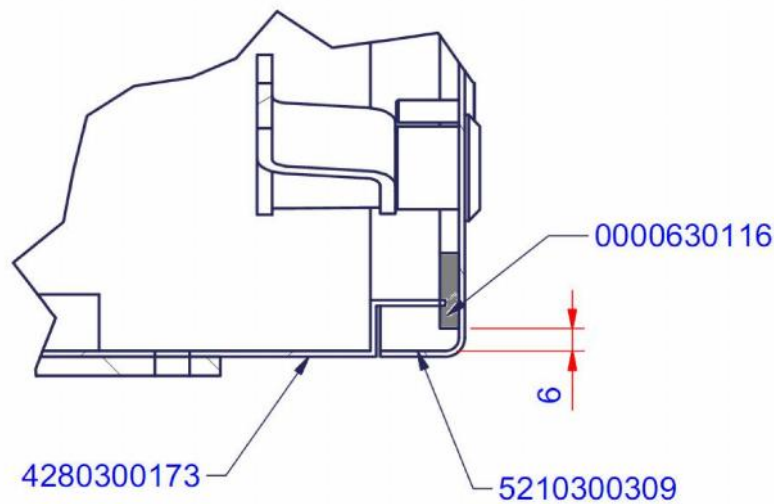
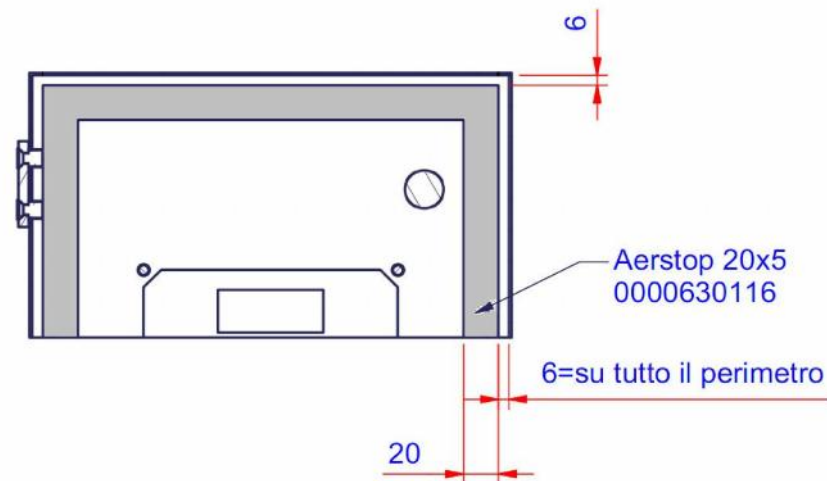
POSIZIONARE LA LEVA
90° A SINISTRA.

- | | | |
|--------|--------|--|
| SQ1 | W9 | |
| 11 --> | Filo 2 | |
| 12 --> | Filo 1 | |
| 21 --> | Filo 4 | |
| 22 --> | Filo 3 | |

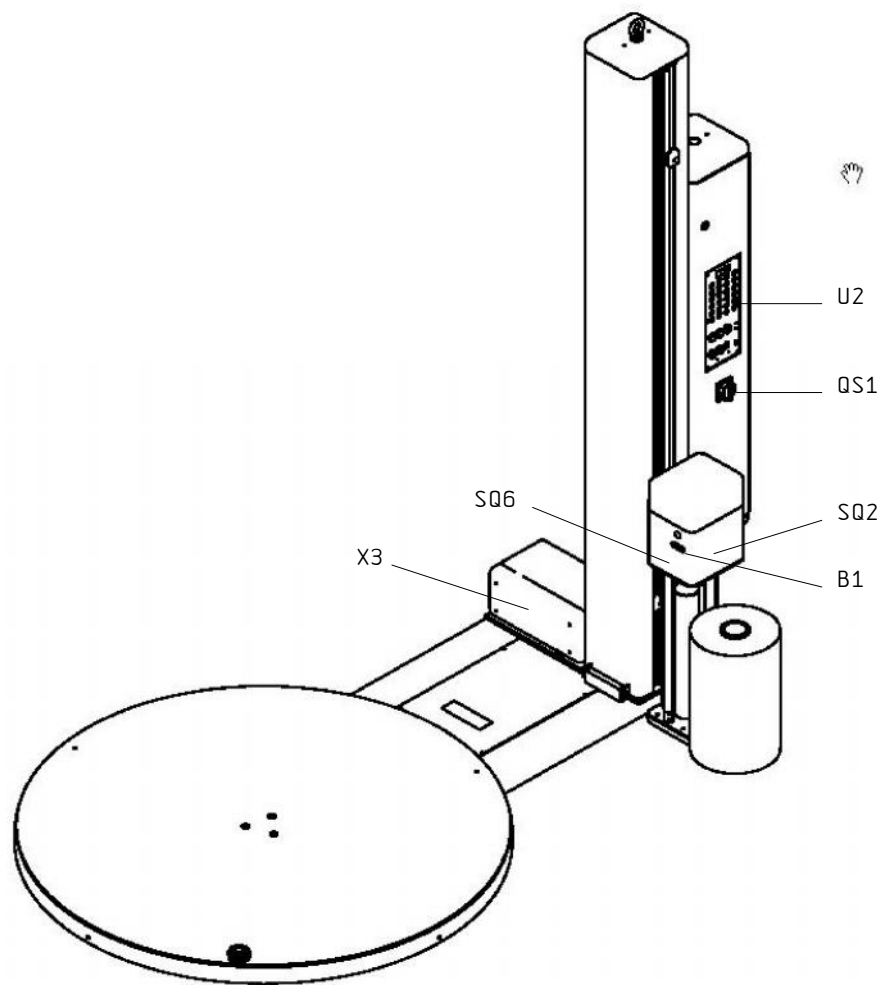
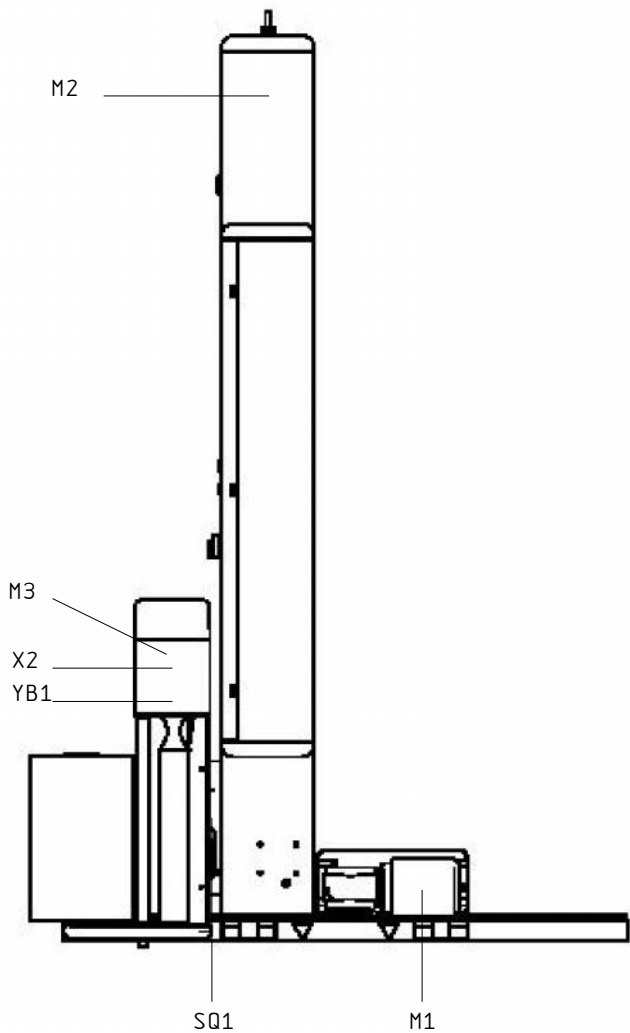
U2




Posizionamento della guarnizione aerstop lungo lo sportello della cassetta elettrica



Attaccare l'aerstop a cornice sullo sportello lungo tutto il perimetro a 6mm dal filo interno della lamiera



| CAVO | ORIGINE | DENOMINAZIONE CONDUTTORI | CAPICORDA | SPELLATURA cm | TIPO CAVO | LUNGHEZZA FUORI CASSETTA cm | SPELLATURA cm | CAPICORDA | DESTINAZIONE |
|------|-------------------------------|--|-----------|------------------|--|--------------------------------------|------------------|--|--------------|
| | | | | |  | | | | |
| W0 | X0 | R, N, PE | -- | 15 cm | 362.5 mm ² FROR3-CEI 2022 | 300 cm | 7 cm | PUNTALINO | -- |
| W1 | U1 | BK, GY, BN, YG | -- | 10 cm | 4G 1.5 mm ² + SCH FROR3-IEC60446 | 300 cm | 8 cm | OCCHIELLO U, V, W Ý4 GND, SCH Ý5 | M1 |
| W2 | U1 | BK, GY, BN, YG | -- | 10 cm | 4G 1.5 mm ² + SCH FROR3-IEC60446 | 260 cm | 8 cm | OCCHIELLO U, V, W Ý4 GND, SCH Ý5 | M2 |
| * W3 | U3 | U3, V3, W3, YG | -- | 10 cm | 4G 1.5 mm ² +SCH MC-S | 400 cm | 8 cm | OCCHIELLO U, V, W Ý4 GND, SCH Ý5 | M3 |
| * W8 | U1 | WH, BN, GN, YE, GY, PK, BU, RD, BK, VT, GY/PK, RD/BU, WH/GN, BN/GN | -- | 20 cm | (14x0.35mm ²) S FFC6 | 400 cm | 8 cm | -- | X2 |
| * W9 | U1 | 1, 2, 3, 4, YG | -- | 10 cm | 5G0.5 mm ² FFC6 | 400 cm | 5 cm | PUNTALINO | SQ1 |
| WX3 | U1 | WH, BN, GN, YE | -- | 10 cm | 4x0.5 mm ² FROR3-IEC60304 | 200 cm | 5 cm | PUNTALINO | X3 |
| W51 | X2 | WH, BN | -- | 10 cm | 2x0.5 mm ² FROR3-IEC60304 | 60 cm | 5 cm | -- | SB7 |
| | PASSACAVO FORO CASSETTA | | | | GUAINA INTRECCIATA 30MM | 200 cm | | | -- |

PER IL QUADRISTA: i cavi contrassegnati da asterisco vanno inseriti nella catena portacavi, i cavi W1 e WX3 nella guaina intrecciata (da fissare con fascette all'interno del quadro elettrico in corrispondenza del passacavo a membrana).

Ricoprire con guaina termorestringente lo schermo del cavo W8 e collegarlo al morsetto 12 del connettore X2.



CAVI
CABLES

CODE: 3709300183

DATE 30.09.2014

TOTAL
18

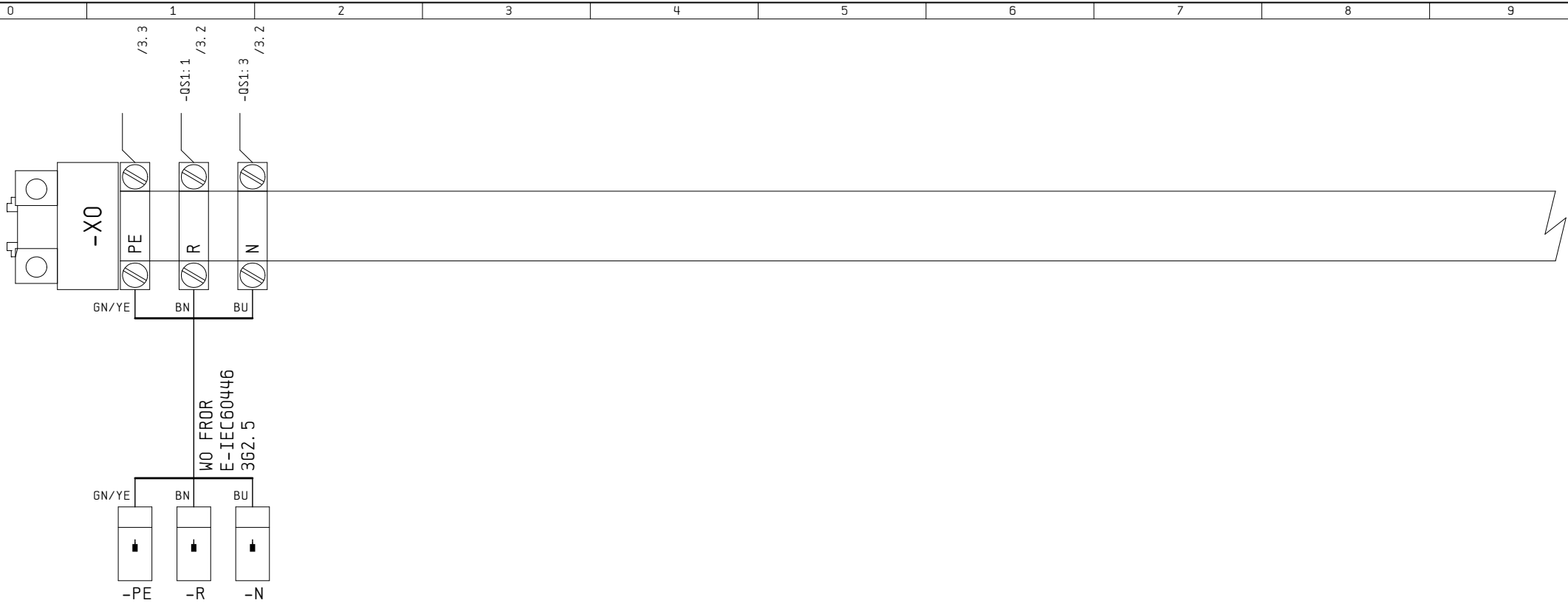
PREV.
11

SUBS.
13

FREESBY 12

PAGE

12



MORSETTIERA ALIMENTAZIONE
POWER SUPPLY TERMINAL STRIP

CODE: 3709300183

DATE 30. 09. 2014

TOTAL
18

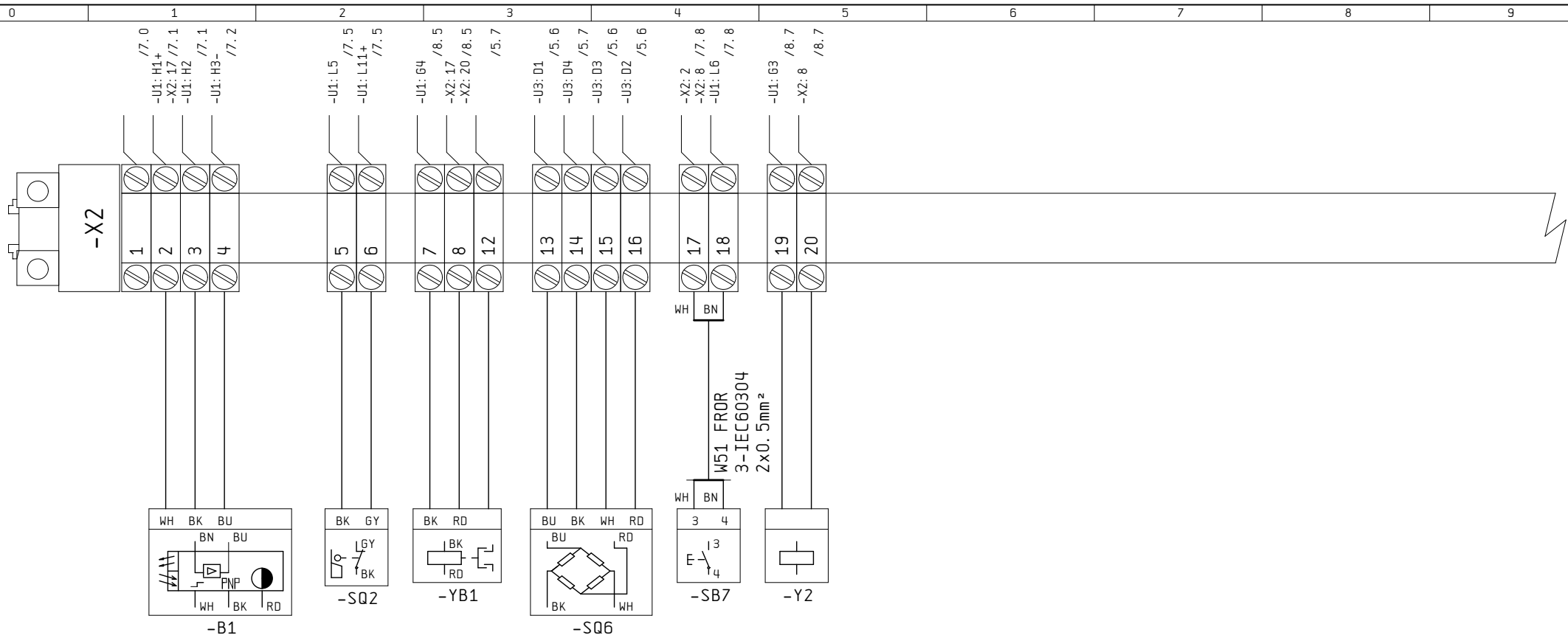
PREV.
12

SUBS.
14

FREESBY 12

PAGE

13



FINECORS
EMERGENZA

PULSANTE
SVOLGIMENTO
PULSANTE
SVOLGIMENTO

TAGLIO
TAGLIO



CONNETTORE CARRELLO
CARRIAGE CONNECTOR

CODE: 3709300183

DATE 30. 09. 2014

TOTAL
18

PREV.
13

SUBS.
15

FREESBY 12

PAGE

14



FASE TAVOLA

FOTOCELLULA
EMERGENZA



CONNETTORE BASAMENTO
BASEMENT CONNECTOR

CODE: 3709300183

DATE 30. 09. 2014

TOTAL
18

PREV.
14

SUBS.
16

FREESBY 12

PAGE

15

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 | 4280300173 | /3. 0 |
| -CASSETTA | PANNELLO/PANEL | | ROBOPAC | 1 | 5210300309 | /3. 0 |
| -CASSETTA | LAMIERA/COMPONENTS PLATE | | ROBOPAC | 1 | 4940301076 | /3. 0 |
| -CASSETTA | CHIUSURA/LOCK | 100-4155-4187-56-23-24 | EMKA | 2 | 0000626647 | /3. 0 |
| -CASSETTA | CHIAVE/KEY | 1004-34 | EMKA | 1 | 0000626480E | /3. 0 |
| -CASSETTA | CAT. P. CAVI/CABLE TRAY CHAIN | 48M-SR250L050038-AN250L050KM1 | STENDALTO | 1 | 0880300001 | /3. 0 |
| -QS1 | INTERRUTTORE/SWITCH | OT40FT3 | ABB | 1 | 0099000193H | /3. 2 |
| -QS1 | MANOPOLA/HAND GRIP | OHYS2RJ | ABB | 1 | 0099000127L | /3. 2 |
| -U1 | SCHEDA/CARD | ROTOPOT. D | BIAMINO | 1 | 1430300123 | /4. 2 |
| -U3 | SCHEDA/CARD | PRES1INV. C1 | BIAMINO | 1 | 1430300166 | /5. 2 |
| -SQ6 | CELLA DI CARICO/LOAD CELL | FFL 2K 0250A | NBC | 1 | 0204300004 | /5. 6 |
| -U2 | SCHEDA/CARD | | BIAMINO | 1 | 1430300193 | /6. 1 |
| -SB3 | PULSANTE/BUTTON | M22-D-B | EATON | 1 | 0001300696B | /6. 2 |
| -SB3 | CONTATTO/CONTACT | M22-CK10 | EATON | 1 | 0001300024F | /6. 2 |
| -SB3 | SUPPORTO/SUPPORT | M22-A | EATON | 1 | 0001300700A | /6. 2 |
| -SB1 | PULSANTE/BUTTON | M22-DP-R-216714 | EATON | 1 | 0001300798H | /6. 4 |
| -SB1 | CONTATTO/CONTACT | M22-CK01 | EATON | 1 | 0001300027C | /6. 4 |
| -SB1 | SUPPORTO/SUPPORT | M22-A | EATON | 1 | 0001300700A | /6. 4 |
| -SB2 | PULSANTE/BUTTON | M22-D-G | EATON | 1 | 0001300695L | /6. 5 |
| -SB2 | CONTATTO/CONTACT | M22-CK10 | EATON | 1 | 0001300024F | /6. 5 |
| -SB2 | SUPPORTO/SUPPORT | M22-A | EATON | 1 | 0001300700A | /6. 5 |
| -SB4 | PULSANTE/BUTTON | M22-D-S | EATON | 1 | 0001300762B | /6. 6 |
| -SB4 | CONTATTO/CONTACT | M22-CK10 | EATON | 1 | 0001300024F | /6. 6 |
| -SB4 | SUPPORTO/SUPPORT | M22-A | EATON | 1 | 0001300700A | /6. 6 |
| -SB5 | PULSANTE/BUTTON | M22-D-S | EATON | 1 | 0001300762B | /6. 7 |



LISTA COMPONENTI
BILL OF MATERIALS

CODE: 3709300183

DATE 30. 09. 2014

TOTAL
18

PREV.
15

SUBS.
17

FREESBY 12

PAGE

16

Distinta base
Bill of materials

| SEF ID | Designazione Designation | Articolo Article | Costruttore Manufacturer | Q. ta' Amount | Cod. articolo Article number | Pag. /colon. Page/path |
|--------|-----------------------------|---------------------|-----------------------------|------------------|---------------------------------|---------------------------|
| -SB5 | CONTATTO/CONTACT | M22-CK10 | EATON | 1 | 0001300024F | /6. 7 |
| -SB5 | SUPPORTO/SUPPORT | M22-A | EATON | 1 | 0001300700A | /6. 7 |
| -SB6 | PULSANTE/BUTTON | M22-D-S | EATON | 1 | 0001300762B | /6. 8 |
| -SB6 | CONTATTO/CONTACT | M22-CK10 | EATON | 1 | 0001300024F | /6. 8 |
| -SB6 | SUPPORTO/SUPPORT | M22-A | EATON | 1 | 0001300700A | /6. 8 |
| -X2 | MORSETTIERA/TERMINALBOARD | 231-650/019-00 | WAGO | 1 | 0001351537G | /7. 0 |
| -X2 | MORSETTIERA/TERMINALBOARD | 231-320/037-00 | WAGO | 1 | 0001351538L | /7. 0 |
| -B1 | FOTOCELLULA/PHOTOCELL | S6-5-C200 | DATALOGIC | 1 | 0001310154D | /7. 1 |
| -B1 | FOTOCELLULA/PHOTOCELL | S62-PA-2-M31-PP | DATALOGIC | 1 | 00L0162782 OPT | /7. 1 |
| -X3 | PRESA/SOCKET | CKF-04 | ILME | 1 | 0001353016D | /7. 3 |
| -X3 | CUSTODIA/MOBILE CASE | MK-VG20 | ILME | 1 | 0001357358D | /7. 3 |
| -SQ2 | FINECORSAMICROSWITCH | NF B112KC-DN2 | PIZZATO | 1 | 00L0047336 | /7. 5 |
| -SQ1 | FINECORSAMICROSWITCH | FR-1630-M1 | PIZZATO | 1 | 0001309638L | /7. 6 |
| -SB7 | PULSANTIERA/ENCLOSURE | M22-I1 | EATON | 1 | 0001300774G | /7. 8 |
| -SB7 | CONTATTO/CONTACT | M22-KC10 | EATON | 1 | 0001300773 | /7. 8 |
| -SB7 | PULSANTE/BUTTON | M22-D-S | EATON | 1 | 0001300762B | /7. 8 |



LISTA COMPONENTI
BILL OF MATERIALS

CODE: 3709300183

DATE 30. 09. 2014

TOTAL
18

PREV.
16

SUBS.

FREESBY 12

PAGE

17