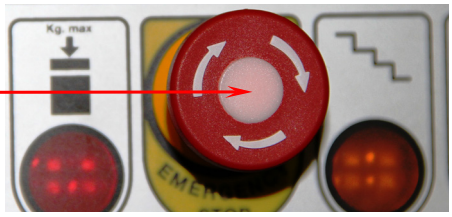
8 Recognizing and resolving signals

The alarm status of the platform is signaled when the emergency pushbutton starts flashing.
This flashing is activated following a request for movement.



N° of FLASHES	DESCRIPTION	SOLUTION
		User
2	Identifies the activation of the micro-parachute or of the micro over-run. This alarm blocks the machine permanently.	Follow the indications in paragraph headed "Emergency operations" of the "Operation and Maintenance Manual" to put the machine on out of order and, if the case, rescue the person on the platform. Then, contact the authorized technical assistance service.
3	On leaving the floor, the end run sensor has been kept pressed for more than the established time of 1 sec. This alarm blocks the machine permanently.	Follow the indications in paragraph headed "Emergency operations" of the "Operation and Maintenance Manual" to put the machine on out of order and, if the case, rescue the person on the platform. Then, contact the authorized technical assistance service.
4	Identifies the presence of the enable drive signal when the bars are not in safety position. This alarm blocks the machine permanently.	Follow the indications in paragraph headed "Emergency operations" of the "Operation and Maintenance Manual" to put the machine on out of order and, if the case, rescue the person on the platform. Then, contact the authorized technical assistance service.
5	A:Identifies the pressed position of the emergency button. B:Identifies the intervention of the overload control system	A:Rotate the emergency pushbutton clockwise to unblock and put back in normal conditions for platform function. B: please see the indications reported on page 17
6	Identifies failure of the tests carried out during traction motor start up sequence	Check if there are any objects along the stairs or behind the platform which could have activated a sensitive edge reaction and, if so, remove these. If there are no said objects, contact the authorized technical assistance service.
7	Identifies incorrect position of the micros which detect the safety position of the two bars. Anyway missing Enable at start up.	Contact the authorized technical assistance service
8	The safety micros do not confirm open platform or close platform configuration	Contact the authorized technical assistance service
9	Identifies intervention of power limiter on the traction motor	The weight on the platform exceeds the max. load capacity. Remove excess weight. If the problem persists, contact the authorized technical assistance service.
10	Identifies intervention of power limiter on platform lift/descent motor or on the motor which opens and closes the front access ramp (optional)	Check if there is anything obstructing the platform's movement or its front access on closing and opening. If the problem persists, contact the authorized technical assistance service.

11	Identifies intervention of a sensitive edge	While going up or coming down, the platform has knocked against an obstacle with its sensitive edge. Remove the obstacle before resuming movement. To remove the obstacle it is possible to reverse the platform's drive gear. If the problem persists after removal of object, contact the authorized technical assistance service.
12	Identifies the conditions of the battery tension under minimum threshold	When the battery falls to a minimum charge, a buzzer will go on and continue throughout the lift movement along with the emergency pushbutton light which will start flashing. This condition calls for a complete, eight hour recharge of the battery.

9 Technical datasheet

General	
Load	See data plate (250 daN max)
Travel	Straight flight of stairs, standard up to 10 m
Gradient	Variable, from 10° to 45°
Speed	max 0.1 m/sec
Capacity	1 person on wheelchair
Standard working cycle	5 travels at max load and max gradient after 1 hour of batteries recharge
Environmental condition	from -15°C to +60°C
Noise	Lower than 70 dBA (in air)
Vibrations	Low frequency; negligible
Drive system	Rack and pinion mechanism controlled by an irreversible reduction gear and electric motor equipped with an electromagnetic brake
Carriage commands	Key-switch ON-OFF Upwards and downwards travel buttons On board alarm push-button Emergency stop button with manual reset Joystick (optional)
Level Wall commands (optional)	Calling and fold/unfold buttons key-switched
Wander lead for attendant control (optional)	Upwards and downwards travel buttons. Fold/unfold buttons Joystick (optional)

ELECTRIC PARAMETERS	
Nominal voltage required:	115÷240V (ac) @ 50÷60 Hz
Maximum current absorbed by the net:	0.68÷0.45 A
Power supply voltage:	24V (dc)
Maximum power on board:	0.54 kW

9 Enclosure “Configurations and Settings”

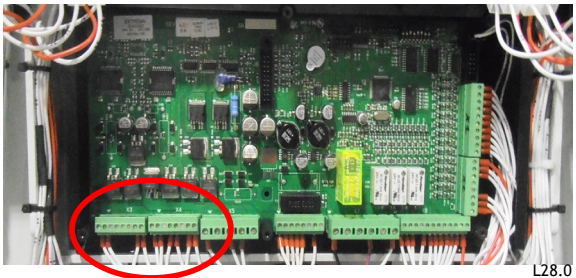
CONFIGURATIONS AND SETTINGS
RIGHT Machine and LEFT Machine: Logic stairlifts leave the production line always in RIGHT configuration. The configuration may be changed to LEFT before or after installation and always with the platform switched off. If the configuration is changed after installation, make sure the following procedure for exchanging the connections at some distance from the lower and upper end run. When the exchange has been effected, switch the machine on and off to memorize the new status.

RIGHT Installation configuration (STANDARD)

Sheath connector	*AP1 Card Connector*
X3	*X3*
X4	*X4*
Sheath connectors	*Trolley micro connectors*
XB	*XB*
XC	*XC*
XD	*XD*
XE	*XE*
Xi	*Xi*
XM	*XM*

LEFT Installation configuration

Sheath connector	*AP1 Card Connector*
X3	*X4*
X4	*X3*
Sheath connectors	*Trolley micro connectors*
XB	*XD*
XC	*XE*
XD	*XB*
XE	*XC*
Xi	*XM*
XM	*Xi*



X3-X4 AP1 card connector

10 Enclosure “Dip Switch Setting”

DIP SWITCH SETTING AP1 CARD CONNECTOR
After every change of position of the DIP SWITCH, it is necessary to switch the platform off and on again

DIP 1:	Enables the configuration of the optional kit for front access

DIP 1 = OFF	Front access Not Present
DIP 1 = ON	Front access present

DIP 2 and 3:	Enable the setting of 4 different speeds with relative start and stop ramps

		maximum speed %
DIP 2 = OFF	Up	75%
DIP 3 = OFF	Down	50%

		maximum speed%
DIP 2 = ON	Up	100%
DIP 3 = OFF	Down	70%

		maximum speed%	STANDARD CONFIGURATION
DIP 2 = OFF	Up	100%	
DIP 3 = ON	Down	80%	

		maximum speed %
DIP 2 = ON	Up	100%
DIP 3 = ON	Down	100%

DIP 4 and 5 :	Enable the setting of maximum current threshold for the traction motor

	Maximum current in A
DIP 4 = OFF DIP 5 = OFF	23 A

	Maximum current in A
DIP 4 = ON DIP 5 = OFF	28 A

	Maximum current in A	
DIP 4 = OFF DIP 5 = ON	33 A	STANDARD CONFIGURATION

	Maximum current in A
DIP 4 = ON DIP 5 = ON	38 A

DIP 6 :	Enables the configuration of the emergency button's led alarm signals

DIP 6 = OFF	Led normally switched off	
DIP 6 = ON	Led normally switched on	STANDARD CONFIGURATION

DIP 7 :	Enables the configuration of the emergency button's led signals

DIP 7 = OFF	Steady Led	STANDARD CONFIGURATION
DIP 7 = ON	Flashing Led	

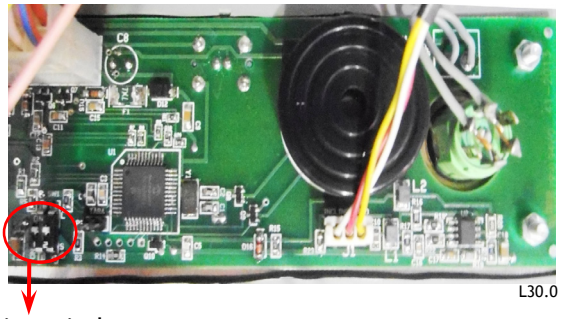
DIP 8 :	Enables the Auto-Key and the opening transfer system operations

DIP 8 = OFF	Auto-Key and opening transfer system OFF	STANDARD CONFIGURATION
DIP 8 = ON	Auto-Key and opening transfer system ON	

WARNING: in order to use the opening transfer system operation in a safe like manner, make sure that all the stairlift run is completely visible!

OVERLOAD CONTROL SYSTEM AND ON BOARD ALARM ELECTRONIC CARD DIP-SWITCH SETTING (placed on the control panel backside)

SwOFF	S	SLIM stairlift operation mode	Config. by EXTREMA
SwON	L	LOGIC stairlift operation mode	
SwOFF	B.SI	Buzzer On during the stairlift running	STANDARD CONFIG.
SwON	B.NO	Buzzer off during the stairlift running	



L30.0

Dip-switch

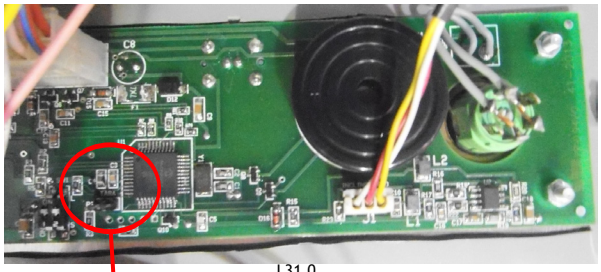
11 Enclosure “overload control system”

System Description
The overload control system blocks the stairlift run when the weight exceeds the 25% of the machine load capacity

System Calibration:

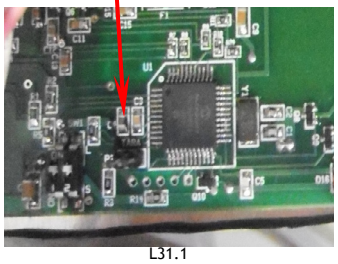
Only authorised personnel can calibrate the system.
It is advised to do the calibrating procedure, by stopping the stairlift where the rail has a negative angle,
or
as close as possible to the starting point (avoiding that the starlift feet touch the ground)

To calibrate the system it is necessary to go onboard of the stairlift and bridge (e.g. with a flat head screwdriver) the “TARA” strip located on the electrical card



L31.0

OVERLOAD CONTROL SYSTEM AND ON BOARD ALARM ELECTRONIC CARD (IMAGE L31.0)



L31.1

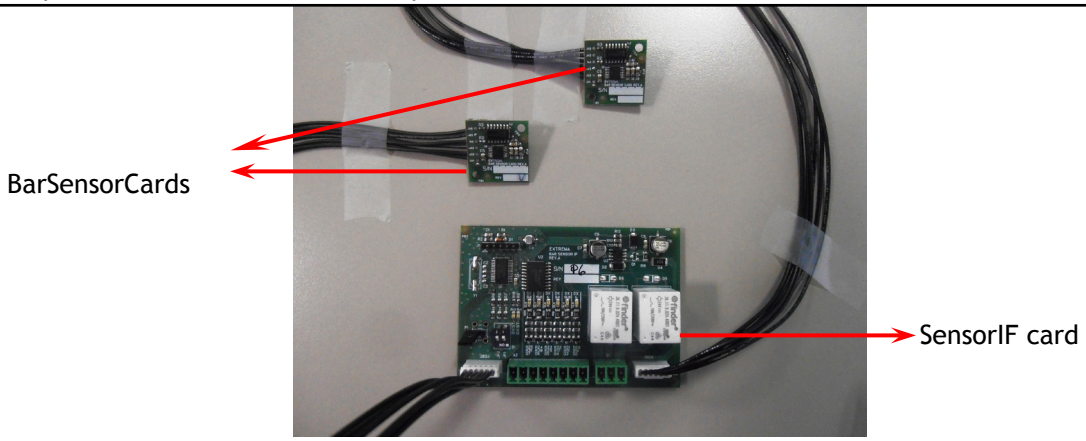
The correct overload control system calibrating acquisition is reported by short buzzer sounds + 1 steady buzz after the bridge is released

SAFETY NOTES:

- The overload control system works for a short range even after the stairlift leaves the starting point: if the system detects an excessive weight leaving the floor level or going up the next level, it stops the stairlift.
  To bring the stairlift back into the operational mode it is necessay to follow the instructions reported on the“Operation and maintenance manual” booklet

12 Enclosure “BMRS regulation system for arm barriers”

System Description
BMRS system is made of by three main components: one SensorIF card and two BarSensorCards. BarSensorCards are installed in both of the arm barriers. The LEFT arm barrier is connected to the JBSX connector; the RIGHT arm barrier is connected to the JBDX connector. The SensorIF main controller interfaces with the two BarSensorCards (left and right) and depending on the barriers position, different kinds of output are sent out towards the PLC - AP1 card.



L32.0

BMRS System

S1 Dip-switch settings

DIP S1 = OFF	LOGIC working operation mode
DIP S1 = ON	SLIM working operation mode

Signalling LED lights

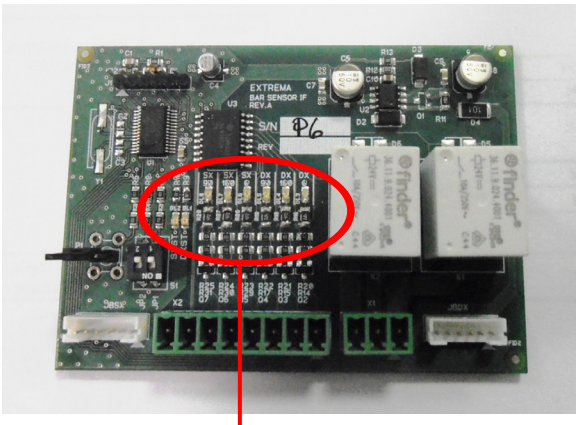
On SensorIF card there are Led lights which provide information regarding the arm barriers status and position. Each Led name is visible on SensorIF card.

DX0-DX180-DX90-SX0-SX180-SX90 LED lights show the arm barriers position;
all LED lights are always on:
when a specific position is reached the LED goes off (e.g. Right arm barrier 0° = DX 0 LED off)

LED OFF	MEANING
DX 0	Right arm barrier 0°
DX 180	Right arm barrier 180°
DX 90	Right arm barrier 90°
SX 0	Left arm barrier 0°
SX 180	Left arm barrier 180°
SX 90	Left arm barrier 90°

DXST and SXST LED lights show the arm barriers status

LED ACTION	MEANING
1 long flashing	Sensors correctly aligned
3 fast flashings	Sensors not correctly aligned
led on	Calibrating procedure in progress



L32.1

signalling LED lights area

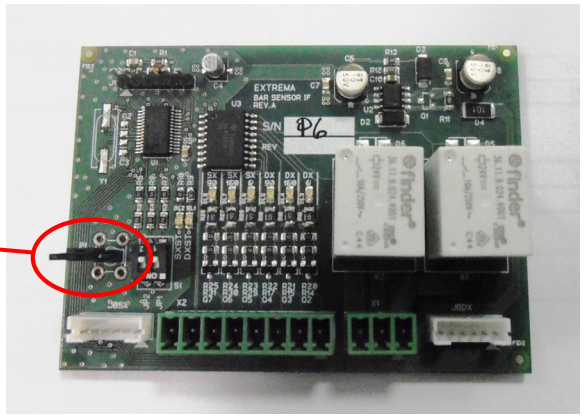
System calibration

The stairlift system calibration is carried out during the factory process, however it could be necessary to re-calibrate the system (only by authorised personnel)
If this happens, follow this procedure:

1. By using the handwheel, bring both arm barriers on closed (0°) position
   (maintain at least 3/4 cm distance from the stairlift structure)
2. Bridge (e.g. with a flat head screwdriver) the P1 Strip on the SensorIF card
3. Leave the bridge (screwdriver) to memorize the calibration
4. Check the right working mode of the arm barriers in each position and if necessary re-calibrate

Bridging the P1 strip allows a pulse to run to the main controller, which records the value at 0°

P1 Strip



SensorIF card

L33.0

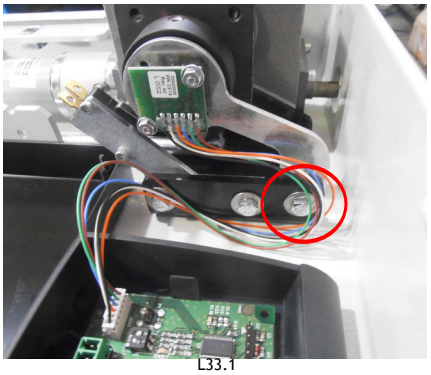
13 BMRS components replacement

If it is necessary to replace the BMRS group parts, please read and follow the instructions accurately

WARNING: it is important to cut off power before any replacement operation

WARNING: collect all removed nuts, screws, washers, in order to re-use them during the re-assembly operation

BarSensorCard replacement

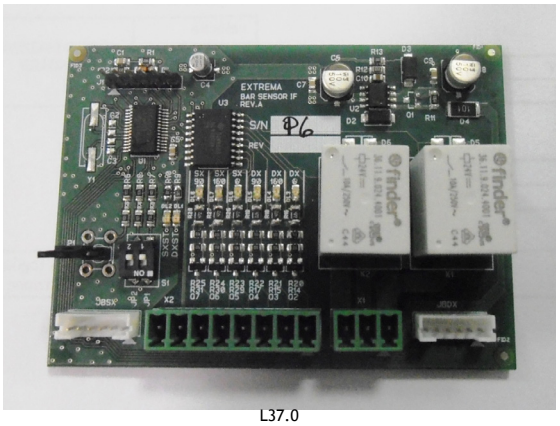


L33.1

1. Disconnect the white connector (JBDX or JBSX) on the SensorIF card depending on which BarSensorCard needs to be replaced

2. Unscrew the M5x14 hex-head screw + M5 nut from actuator flange
   (highlighted by the circle in image L33.1)
   and remove the silvery rotation magnetic sensor support

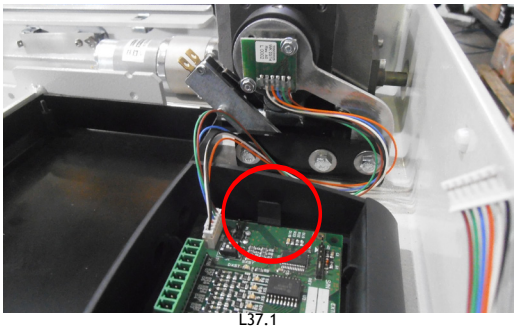
SensorIF electronic card replacement



L37.0

1. In order to replace the SensorIf electronic card (L37.0 image),
disconnect all the connectors

2. Extract the broken SensorIF card by pushing the electronic card case lateral flaps
(detail on image L37.1)


L37.1

3. Install the new SensorIF card

4. Set the SensorIF S1 Dip Switch:

DIP S1 = OFF	LOGIC operation mode
DIP S1 = ON	SLIM operation mode

5. Connect all the connectors

6. Turn the power on and calibrate the BMRS system following the instructions reported on top of page 33

14 Enclosure “Alarms Table”

The alarm status of the platform is signalled when the emergency pushbutton starts flashing. This flashing is activated following a request for movement.

N° of FLASHES	DESCRIPTION	SOLUTION	SOLUTION
		Technician	User
2	Identifies the activation of the micro-parachute or of the micro overrun. This alarm blocks the machine permanently.	Check if micro parachute SQ21 has been activated analyzing the respective position of the test lever as described in the paragraph headed “Emergency operations” of the “Operations and Maintenance Manual”. The position of the lever all the way up or all the way down confirms the activation of the micro parachute. In this case check: - the integrity of the rack and stability of the fixtures on the runner - the integrity of the cogged wheels of the lower trolley and relative fixing - if the motor-reducer and relative brake are working properly - if there is a return spring between the parachute’s cam masses Or, check if the SQ19 Overrun micro has been activated. In this case check: - the correct positioning and integrity of the landing end run cam - the correct positioning and integrity of the landing stop micro and relative wiring	Follow the indications in paragraph headed “Emergency operations” of the “Operation and Maintenance Manual” to put the machine on out of order and, if the case, rescue the person on the platform. Then, contact the authorized technical assistance service.

3	On leaving the floor, the end run sensor has been kept pressed for more than the established time of 1 sec. This alarm blocks the machine permanently.	Check the correct positioning and integrity of the landing end run. Check the integrity of wire 23 connecting pin 9 of X9 connector (card AP2) with pin 2 of connector J3 (card AP1). Check the motor connections on card AP2 and the conditions of the motor brushes. This alarm permanently blocks the machine until the card is reset. To reset, switch the machine off and on again.	Follow the indications in paragraph headed "Emergency operations" of the "Operation and Maintenance Manual" to put the machine on out of order and, if the case, rescue the person on the platform. Then, contact the authorized technical assistance service.
4	Identifies the presence of the enable drive signal when the bars are not in safety position. This alarm blocks the machine permanently.	Check the integrity and correct adjustment of micro SQ12. Check the integrity of the wiring. This alarm permanently blocks the machine until the card is reset. To reset, switch the machine off and on again.	Follow the indications in paragraph headed "Emergency operations" of the "Operation and Maintenance Manual" to put the machine on out of order and, if the case, rescue the person on the platform. Then, contact the authorized technical assistance service.
5	A:Identifies the pressed position of the emergency button. B:identifies the intervention of the overload control system.	A:Rotate the emergency pushbutton clockwise to unblock and put back in normal conditions for platform function. If the problem persists, verify the wiring of the emergency pushbutton. B:Please see the indications reported on “operation and maintenance manual” booklet at page 17.	A: Rotate the emergency pushbutton clockwise to unblock and put back in normal conditions for platform function. B: Please call immediatly the Assistance Service.
6	Identifies failure of the tests carried out during traction motor start up sequence	Check if the sensitive edge of the platform is pressed. Check the integrity of the 30A fuse on card AP2. Check the integrity of wire 11 connecting pin1 of X9 connector (card AP2) with pin 3 of J3 connector (card AP1). Check the integrity of the drive relays fixed on card AP2.	Check if there are any objects along the stairs or behind the platform which could have activated a sensitive edge reaction and, if so, remove these. If there are no said objects, contact the authorized technical assistance service.

7	Identifies incorrect position of the micros which detect the safety position of the two bars. Anyway missing Enable at start up.	Check and eventually adjust the SQ1-2 micros which identify the safety position of the bars when the platform needs to move. Check SQ12 which provides the enable on closed platform.	Contact the authorized technical assistance service
8	The safety micros do not confirm open platform or close platform configuration	Identifies errors in configuration with the presence of more micros activated simultaneously such as: RIGHT bar open (SQ2) and RIGHT bar closed (SQ1), LEFT bar open (SQ7) and RIGHT bar closed (SQ8), front access open (SQ16) and front access closed (SQ17), End run SQ18 and SQ20. Also a different combination of micros to the above may activate the alarm in question. This type of alarm indicates a wiring fault or connection errors.	Contact the authorized technical assistance service
9	Identifies intervention of power limiter on the traction motor	Check the load on the platform. Check if there is a mechanical obstruction between the motor/ parachute mechanisms and the rack mechanism. Eventually check the motor brushes and clean them by blowing out the wear dust which has accumulated. The platform leaves the manufacturing plant with a setting that allows for a load of 250Kg to be lifted at a maximum inclination of 45°. Then check the correct positioning of the DIP Switch , as described in the installation manual	The weight on the platform exceeds the max. load capacity. Remove excess weight. If the problem persists, contact the authorized technical assistance service.
10	Identifies intervention of power limiter on platform lift/descent motor or on the motor which opens and closes the front access ramp (optional)	Check if there is a load on the platform or on its front access. Check if there is a mechanical obstruction on the platform or on the front access. Check the mechanics connected to the two motor shafts.	Check if there is anything obstructing the platform's movement or its front access on closing and opening. If the problem persists, contact the authorized technical assistance service.

11	Identifies intervention of a sensitive edge	This alarm is activated every time an obstacle is knocked by a sensitive edge while running. If instead one tries to start with a sensitive edge pressed, the alarm will appear with 6 flashes. If an obstacle has been knocked by a sensitive edge, it is possible to remove the obstacle by reversing the gear. This alarm is also activated when the false bottom is pressed while opening the platform.	While going up or coming down, the platform has knocked against an obstacle with its sensitive edge. Remove the obstacle before resuming movement. To remove the obstacle it is possible to reverse the platform's drive gear. If the problem persists after removal of object, contact the authorized technical assistance service.
12	Identifies the conditions of the battery tension under minimum threshold	When the battery falls to a minimum charge of 20,5 V, the buzzer placed on the AP1 card will set off with a continuous throughout the ride and together with the visual alarm consisting of 12 flashes. This is the information that indicates that the battery is low and needs to be recharged for at least 8 hours. If the tension drops further and reaches a minimum of 19.5 V the machine will shut down. It is still possible however to reach the landing going up even with frequent blocks or going down without blocks. Obviously it is necessary to charge the batteries as indicated above. This condition may cause irreparable damage to the batteries.	When the battery falls to a minimum charge, a buzzer will go on and continue throughout the lift movement along with the emergency pushbutton light which will start flashing. This condition calls for a complete, eight hour recharge of the battery.

PIATTAFORMA SERVOSCALA

WHEELCHAIR PLATFORM LIFT

LOGIC

2014

SCHEMI ELETTRICI
ELECTRICAL DRAWING

Cod. L20F30003 rev.0 del 15/04/2014

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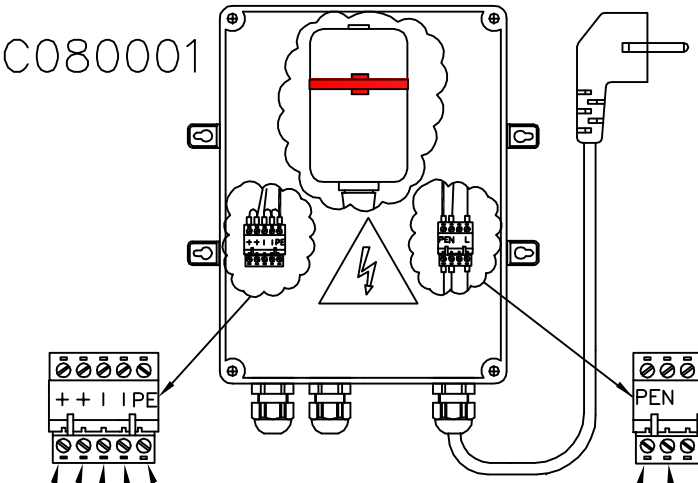
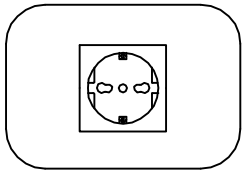




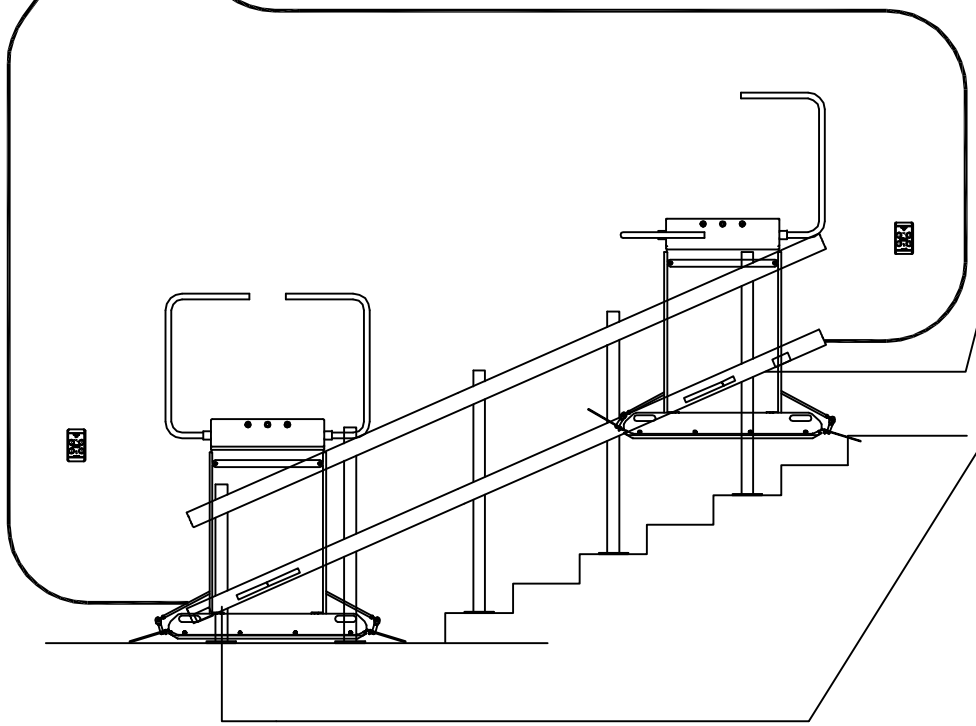
Color	Abbreviation
brown	BN
blue	BU
green/yellow	GNYE

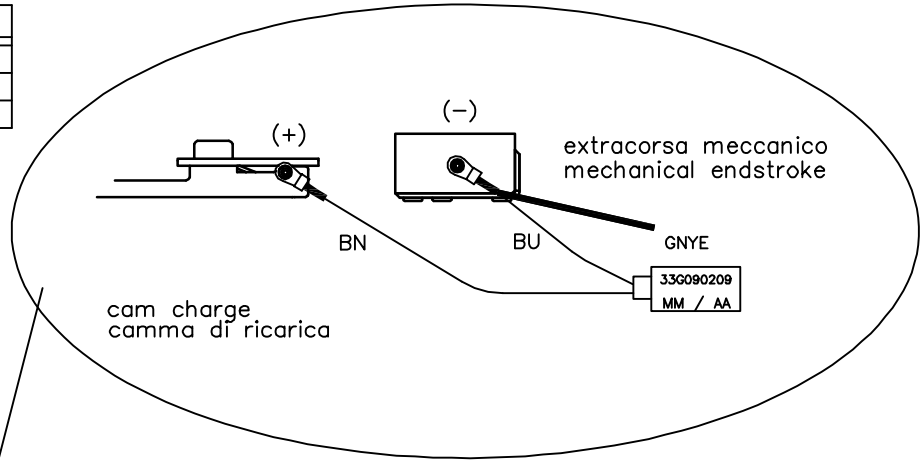
BN BN BU BU GNYE

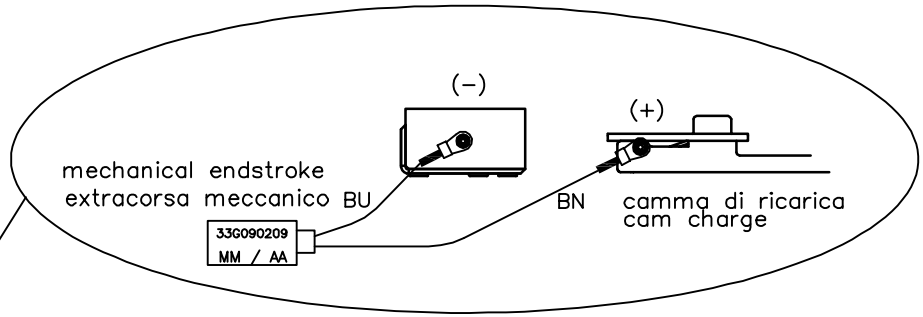
27.5V (DC)

GNYE BU BN

100÷240V (AC) 50÷60 Hz







Formato UNI A3

Wytyczne podłączeń ładowarki do akumulatorów Logic
Prescrizioni di collegamento caricabatteria Logic
Logic charger connecting instruction
Instructions pour brancher le chargeur Logic
Anweisungen für den Anschluss Ladegerät Logic
Instrucciones para conectar el cargador Logic

GRUPPO Imp.Elettrico
DATA 23/03/12
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SCALA
FOGLIO 1 di 7

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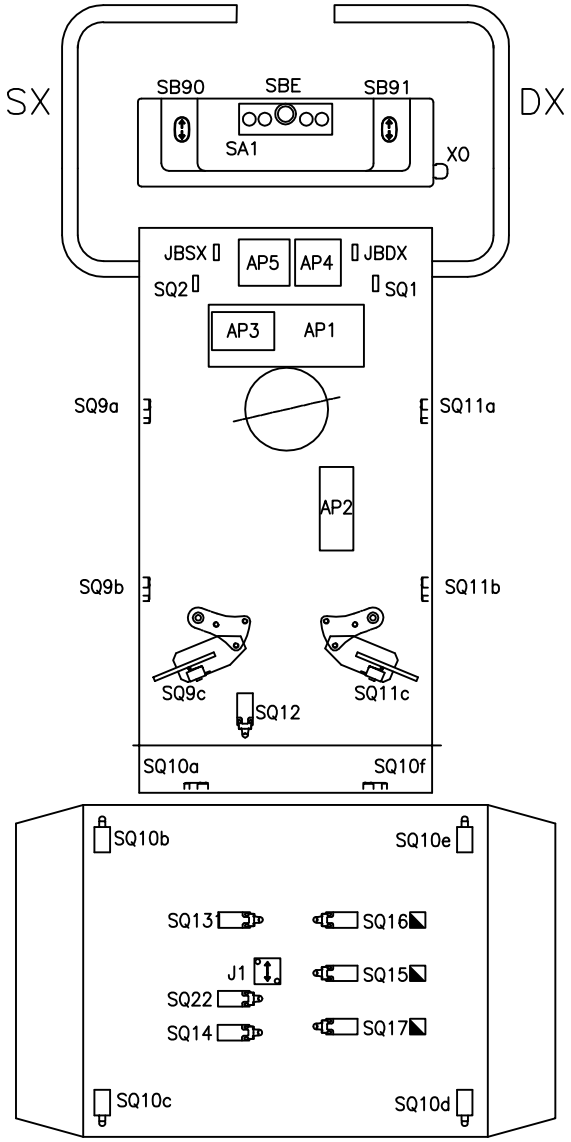
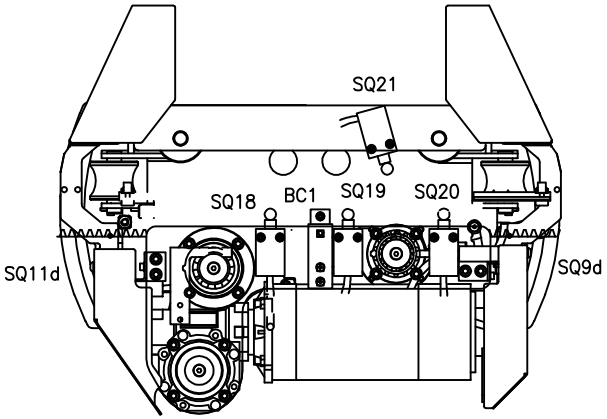
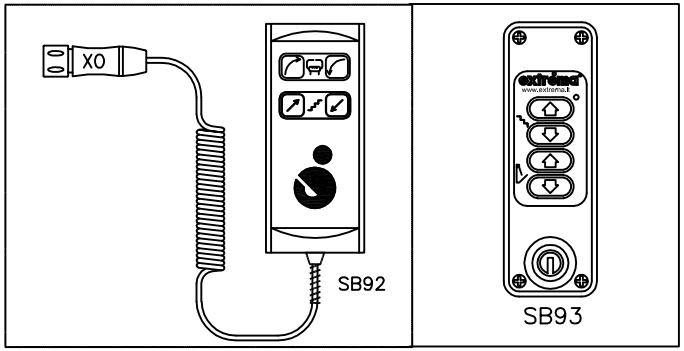
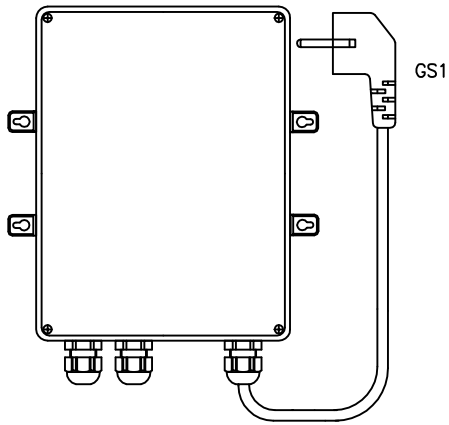
CODICE 63F300001/a

Formato UNI A3









Formato UNI A3

Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®
LOGIC 2014	DATA 13/01/14	
Straight stair lift Electrical Wiring	DISEGNATO I.D.	
	SCALA 1:1	CODICE 63F300003
	FOGLIO 1 di 9	

Formato UNI A3

SIMBOLO	DESCRIZIONE	POSIZIONE
AP1	Scheda elettronica CPU CPU electronic card	100 – 119
AP2	Scheda elettronica PWM PWM electronic card	03 – 18
AP3	Scheda elettronica accesso frontale (opzionale) Front Access electronic card (optional)	72 – 78
AP4	Scheda ricevitore comandi di piano (opzionale) Level wall controls radio receiver electronic card (optional)	58 – 59
AP5	Scheda di controllo sensori magnetici barre barrier arms magnetic sensors control electronic card	31 – 38
AP6	Scheda controllo sovraccarico e allarme a bordo Overload control system and on board alarm electronic card	22 – 27
BC1	Contatto spazzola di alimentazione e rallentamento Power supply and slowdown brush contact	03 – 04
FU	Fusibile batterie 30A 30A batteries fuse	06
F1	Fusibile di potenza PWM 30A 30A PWM card power fuse	05
F2	Fusibile +24 aux su sheda AP1da 6.3A 6.3A fuse (AUX +24) on AP1 card	96
Fc	Fusibile negativo ausiliari 7.5A 7.5A fuse (AUX negative)	14
GB1	Batterie Batteries	05 – 07
GS1	Caricabatteria Battery charger	01
J1	Sensore inclinometrico Incline sensor	21
JBDX	Scheda sensore magnetico destro Right–hand side magnetic sensor electronic card	39
JBSX	scheda sensore magnetico sinistro Left–hand side magnetic sensor electronic card	30
M1	Motore attuatore barra di contenimento destra Right–hand side barrier arm motor unit	61
M2	Motore attuatore barra di contenimento sinistra Left–hand side barrier arm motor unit	67
M3	Motore attuatore ribaltamento pedana Platform motor unit (fold/unfold)	86
M4	Motore attuatore rampa accesso frontale Front access motor unit	74
M5	Motore trazione Drive unit motor	04
SA1	Selettora a chiave off–on Off/On key–switch	23
SA2	Selettore Joystick (optional) Joystick (optional)	49 – 50
SBE	Pulsante emergenza–stop + led diagnosi Emergency pushbutton + alarm status	24
SB90	Pulsante a bordo di movimentazione On board travel push button	52 – 53
SB91	Pulsante a bordo di movimentazione On board travel push button	54 – 55
SB92	Pulsantiera accompagnatore (opzionale) Wander lead for attendant control (optional)	
SB93	Pulsantiera di piano opzionale Level wall controls (optional)	

SIMBOLO	DESCRIZIONE	POSIZIONE
SQ1	Microinterruttore barra DX in sicurezza 90° 90° Right–hand side barrier arm micro switch	111
SQ2	Microinterruttore barra SX in sicurezza 90° 90° Left–hand side barrier arm micro switch	111
SQ9a–b	Microinterruttore bordo sensibile schienale lato sinistro Left–hand side Lift unit body edge sensor micro switch	108
SQ9c	Microinterruttore bandella laterale sinistra Left–hand side Platform edge micro switch	108
SQ9d	Microinterruttore bordo sensibile motore lato sinistro Left–hand side Drive unit edge micro switch	107
SQ10a–f	Microinterruttore bordo sensibile fondo schienale Anti–crushing sensor base in Lift unit body	88 – 91; 101; 106
SQ10b...e	Microinterruttore bordo sensibile doppiofondofondo pedana Anti–crushing sensor base in platform	102 – 106
SQ11a–b	Microinterruttore bordo sensibile schienale lato destro Right–hand side Lift unit body edge micro switch	109
SQ11c	Microinterruttore bandella laterale destra Right–hand side Platform edge micro switch	109
SQ11d	Microinterruttore bordo sensibile motore lato destro Right–hand side Lift unit body edge micro switch	101
SQ12	Microinterruttore pedana in sicurezza chiusa Safety position platform micro switch	111 – 112
SQ13	Microinterruttore pedana chiusa Closed platform micro switch	87
SQ14	Microinterruttore pedana aperta Wide–open platform micro switch	87
SQ15	Microinterruttore accesso frontale in sicurezza (verticale) Front access safety micro switch position (vertical)	76 ; 111
SQ16	Microinterruttore accesso frontale aperto Wide–open front access micro switch	77
SQ17	Microinterruttore accesso frontale chiuso Closed front access micro switch	75
SQ18	Microinterruttore di piano: basso conf. DX; alto conf. SX End run micro switch: config. Low Right; config. Up Left	43 ; 80
SQ19	Microinterruttore di extracorsa Overrun micro switch	113
SQ20	Microinterruttore di piano: alto conf. DX; basso conf. SX End run micro switch: config. Up Right; config. Down Left	42 ; 83
SQ21	Microinterruttore sicurezza paracadute Parachute micro switch (overspeed)	113
SQ22	Microinterruttore pedana a 45° 45° platform micro switch	89
X0	connettore pulsantiera accompagnatore Wander lead for attendant connector	45
YB1	Freno elettromagnetico motore M5 Electromagnetic brake M5 motor unit	09

Formato UNI A3

Schema elettrico servoscala rettilineo
LOGIC 2014
Straight stair lift Electrical Wiring

GRUPPO: ELECTRICAL DRAWING
DATA: 13/01/14
DISEGNATO: I.D.
SCALA: 1:1
FOGLIO: 2 di 9

extroma®

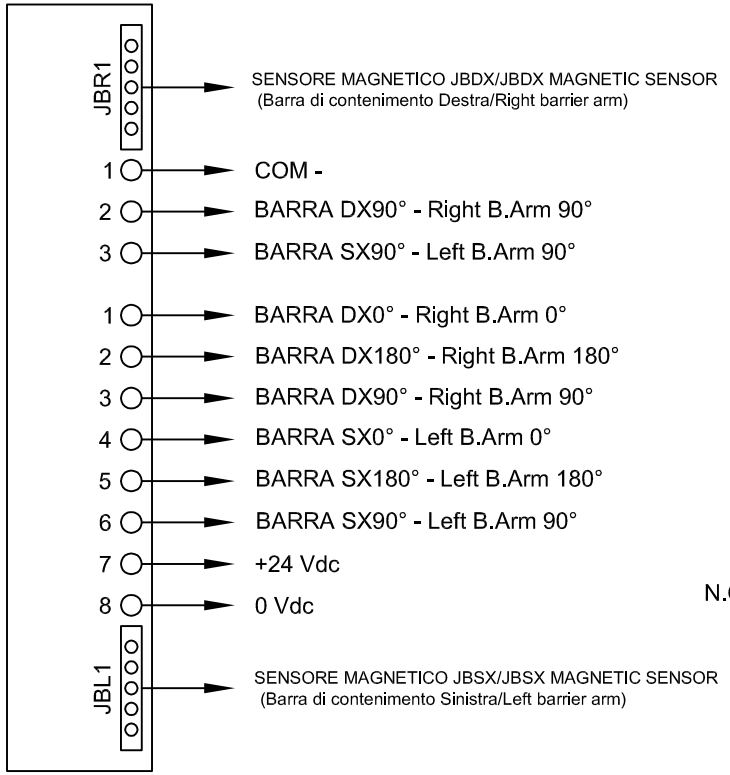
CODICE: 63F300003

Formato UNI A3

AP5 CARD

SCHEDA DI CONTROLLO SENSORI MAGNETICI BARRE

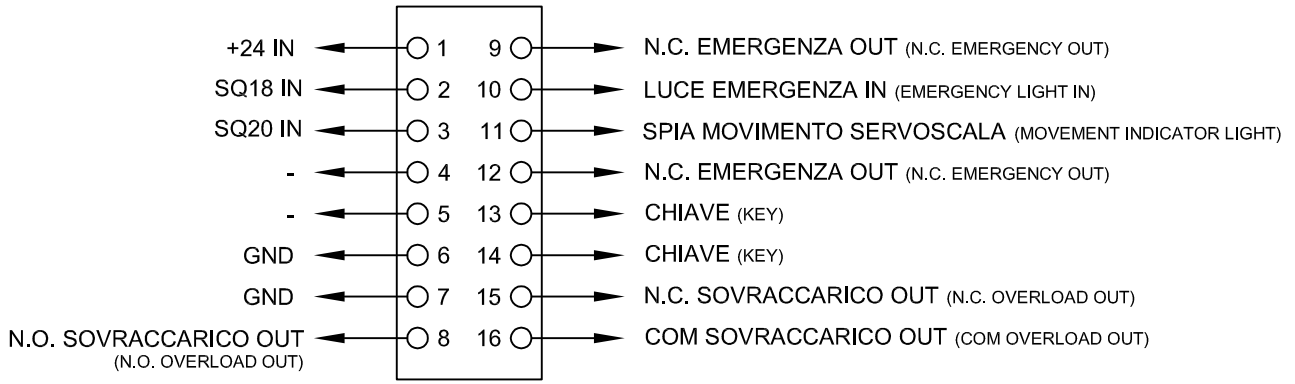
SAFETY BARRIER ARMS MAGNETIC SENSOR CARD



AP6 CARD

SCHEDA SOVRACCARICO E ALLARME A BORDO

OVERLOAD AND ON BOARD ALARM EMERGENCY CARD



Formato UNI A3

Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®
LOGIC 2014	DATA 13/01/14	
Straight stair lift Electrical Wiring	DISEGNATO I.D.	
	SCALA 1:1	CODICE 63F300003
	FOGLIO 3 di 9	

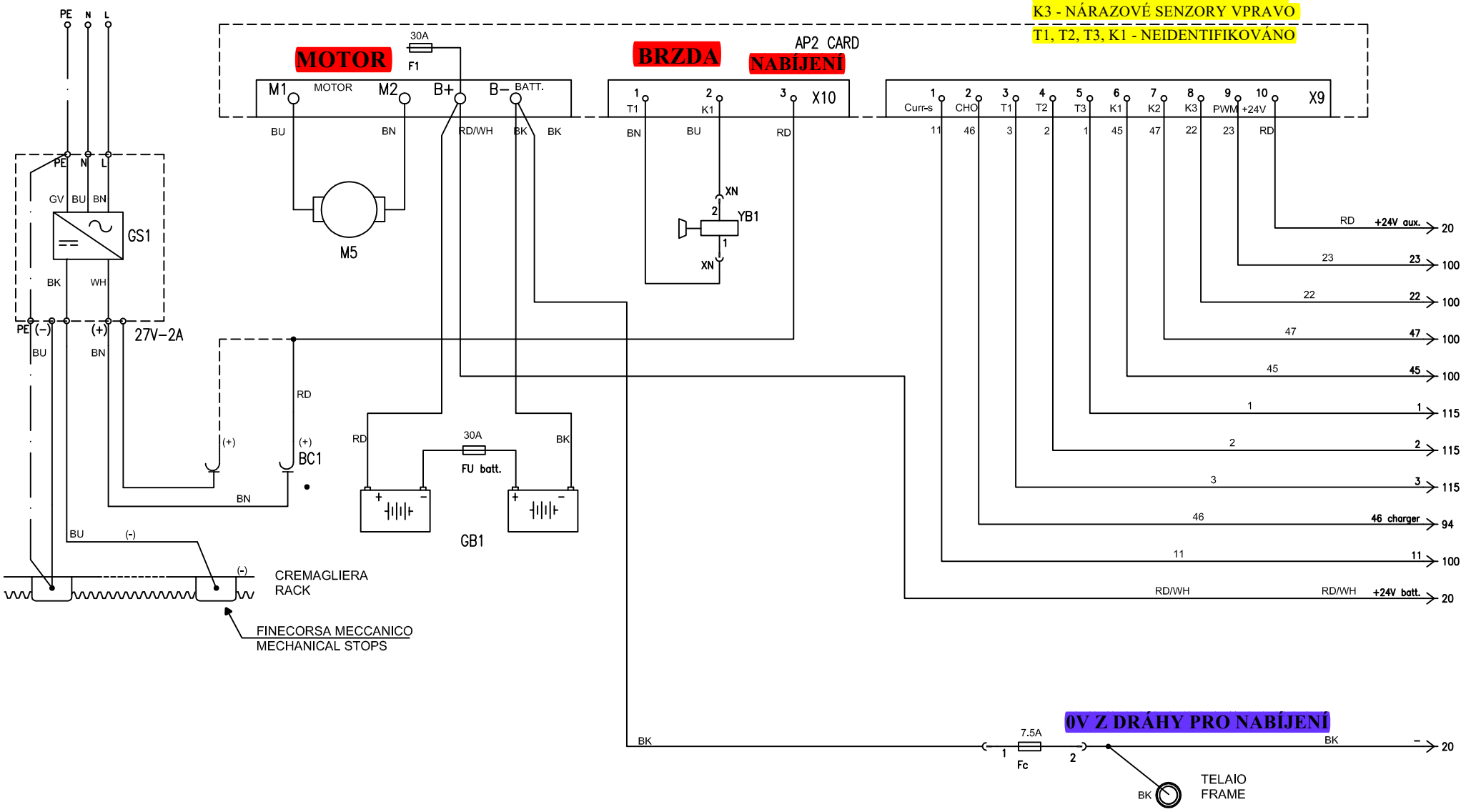
Formato UNI A3

LINEA ELETTRICA 220V
Seguire le prescrizioni indicate sul manuale di installazione

220V ELETRIC POWER LINE
Please follow the regulation reported in the installation handbook

X9/10 - AUX - NAPÁJENÍ BEZPEČNOSTNÍCH OBVODŮ
X9/2 - CHO - SIGNÁL NABÍJENÍ (CHARGER) Z AP2 DO AP1
Curr-s A PWM - NEIDENTIFIKOVÁNO

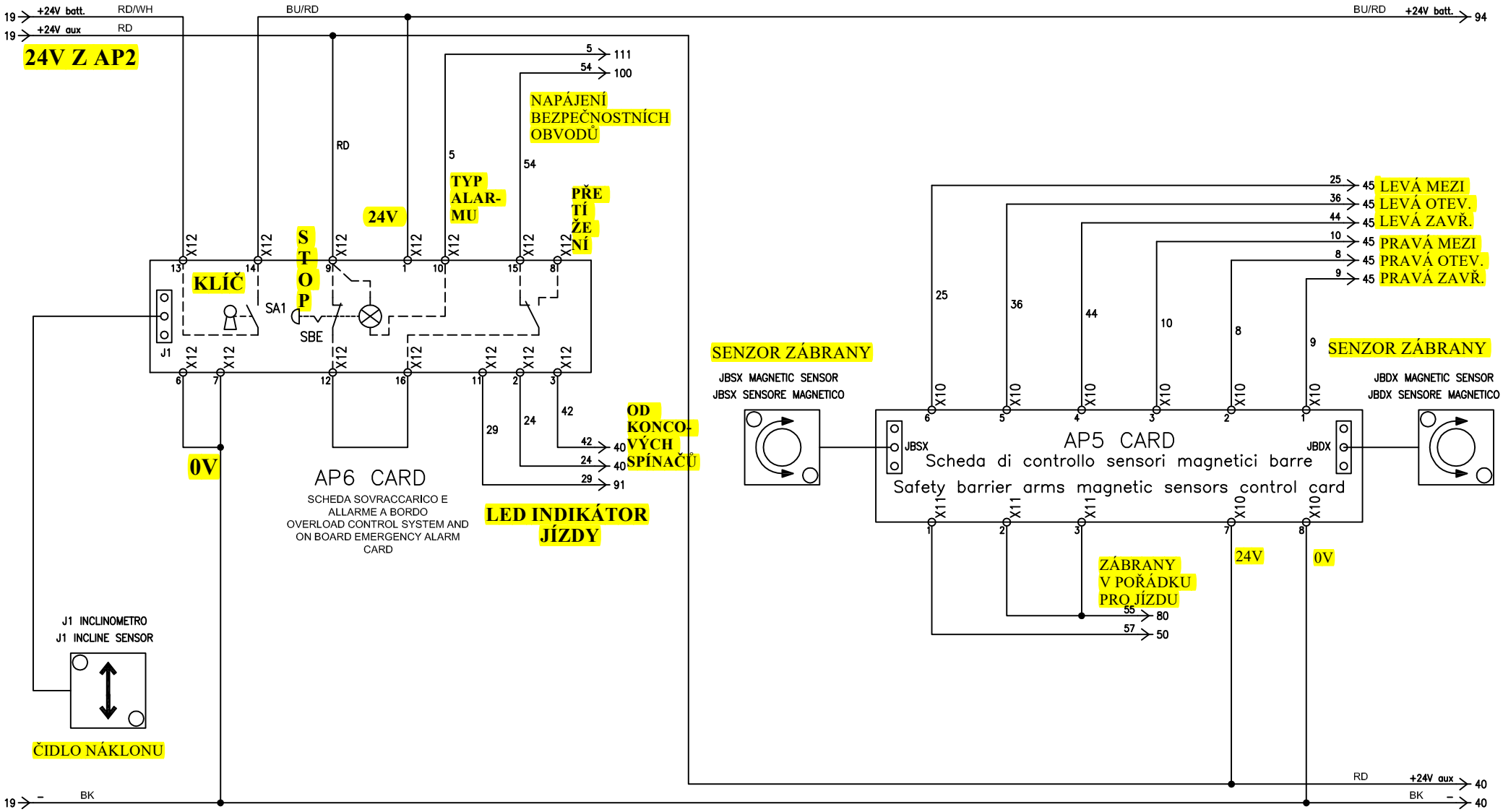
K2 - NÁRAZOVÉ SENZORY VLEVO
K3 - NÁRAZOVÉ SENZORY VPRAVO
T1, T2, T3, K1 - NEIDENTIFIKOVÁNO



Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®
LOGIC 2014	DATA 13/01/14	
Straight stair lift Electrical Wiring	DISEGNATO I.D.	
ZAPOJENÍ PRAVÁ STRANA	SCALA 1:1	CODICE 63F300003
	FOGLIO 4 di 9	

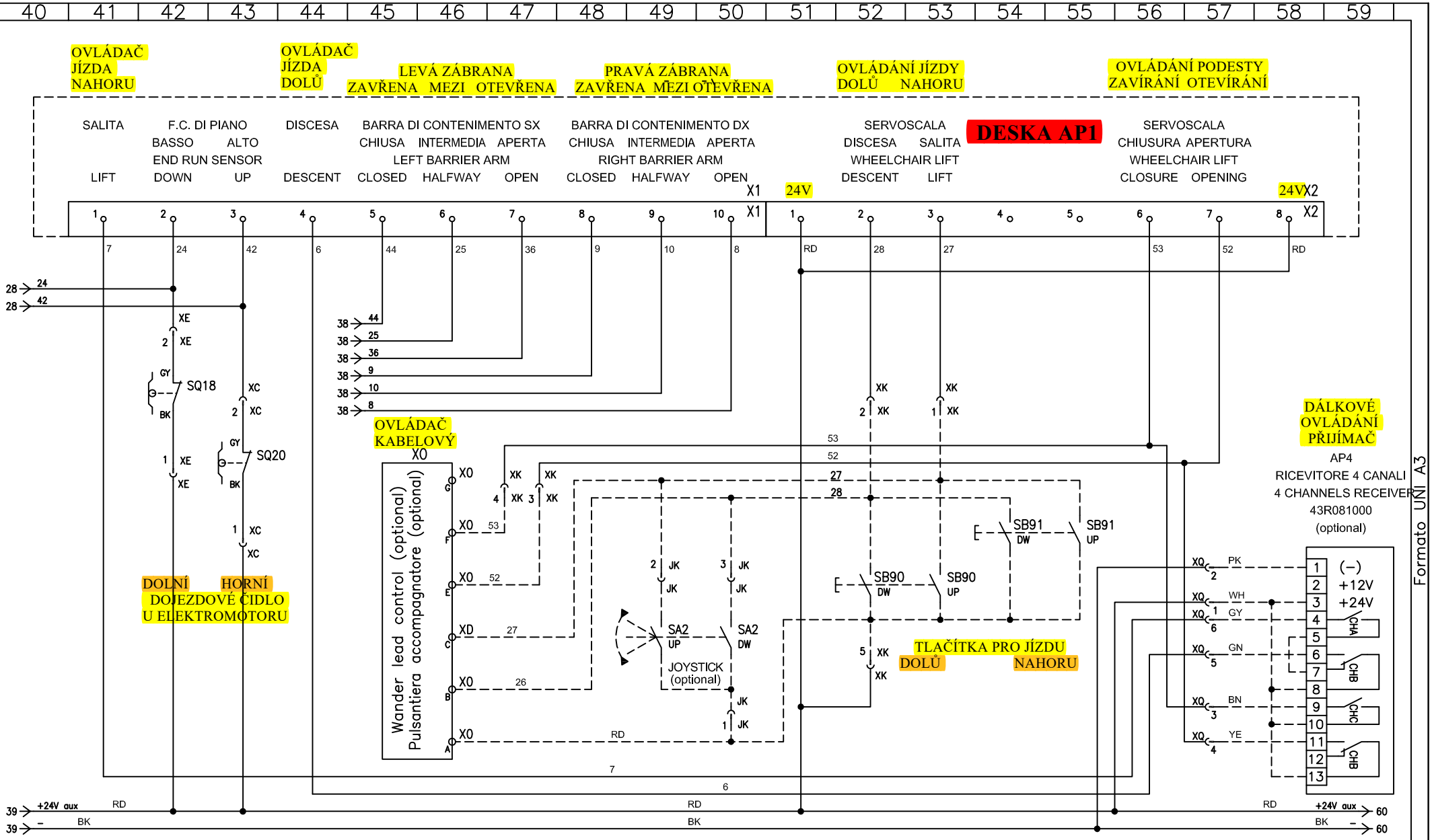
Formato UNI A3

Formato UNI A3



Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma
LOGIC 2014	DATA 13/01/14	
Straight stair lift Electrical Wiring	DISEGNATO I.D.	
ZAPOJENÍ PRAVÁ STRANA	SCALA 1:1	CODICE 63F300003
	FOGLIO 5 di 9	

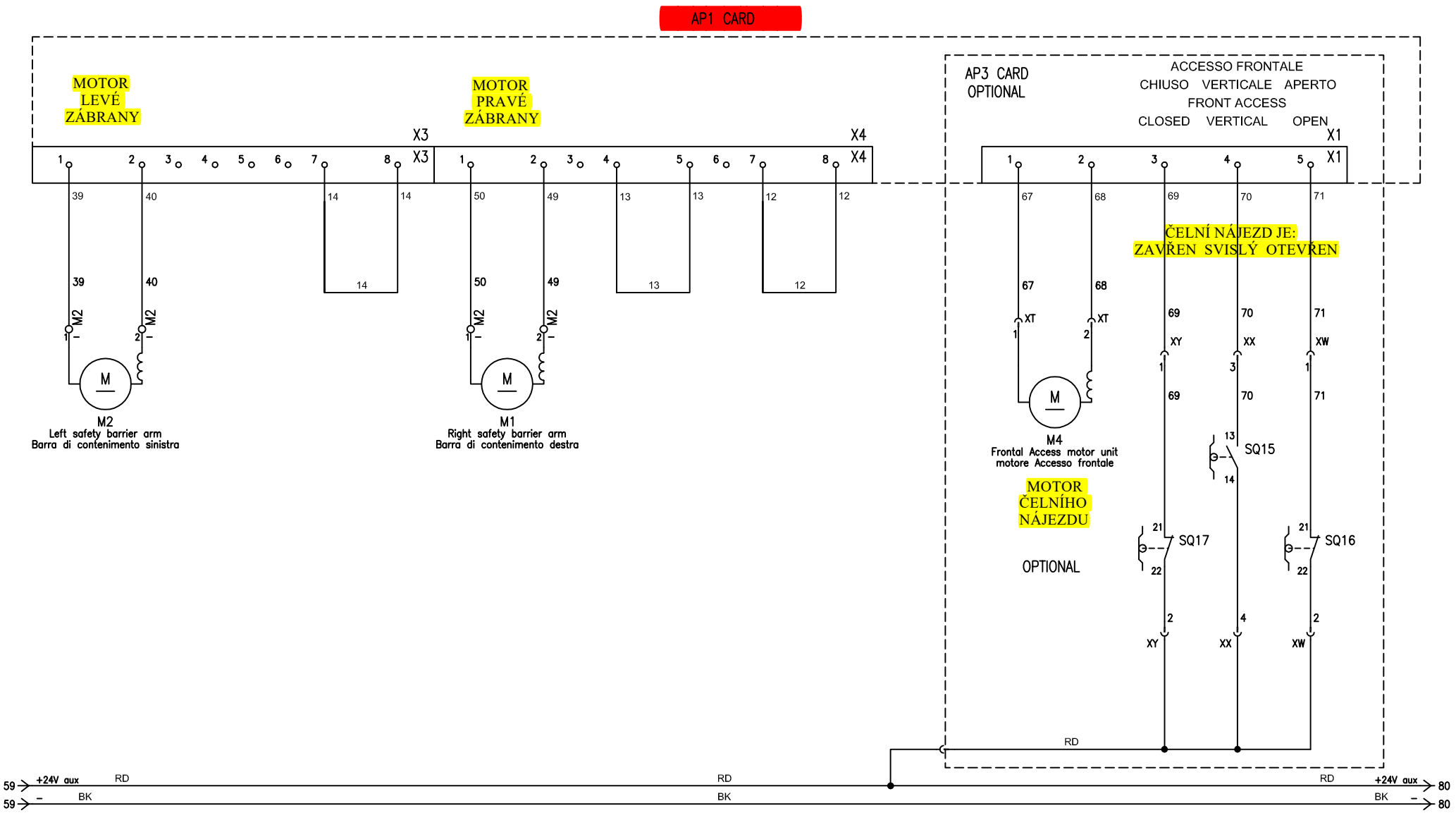
Formato UNI A3



CONFIGURAZIONE MACCHINA DESTRA
RIGHT HAND CONFIGURATION

Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®
LOGIC 2014	DATA 13/01/14	
Straight stair lift Electrical Wiring	DISEGNATO I.D.	
ZAPOJENÍ PRAVÁ STRANA	SCALA 1:1	CODICE 63F300003
	FOGLIO 6 di 9	

Formato UNI A3

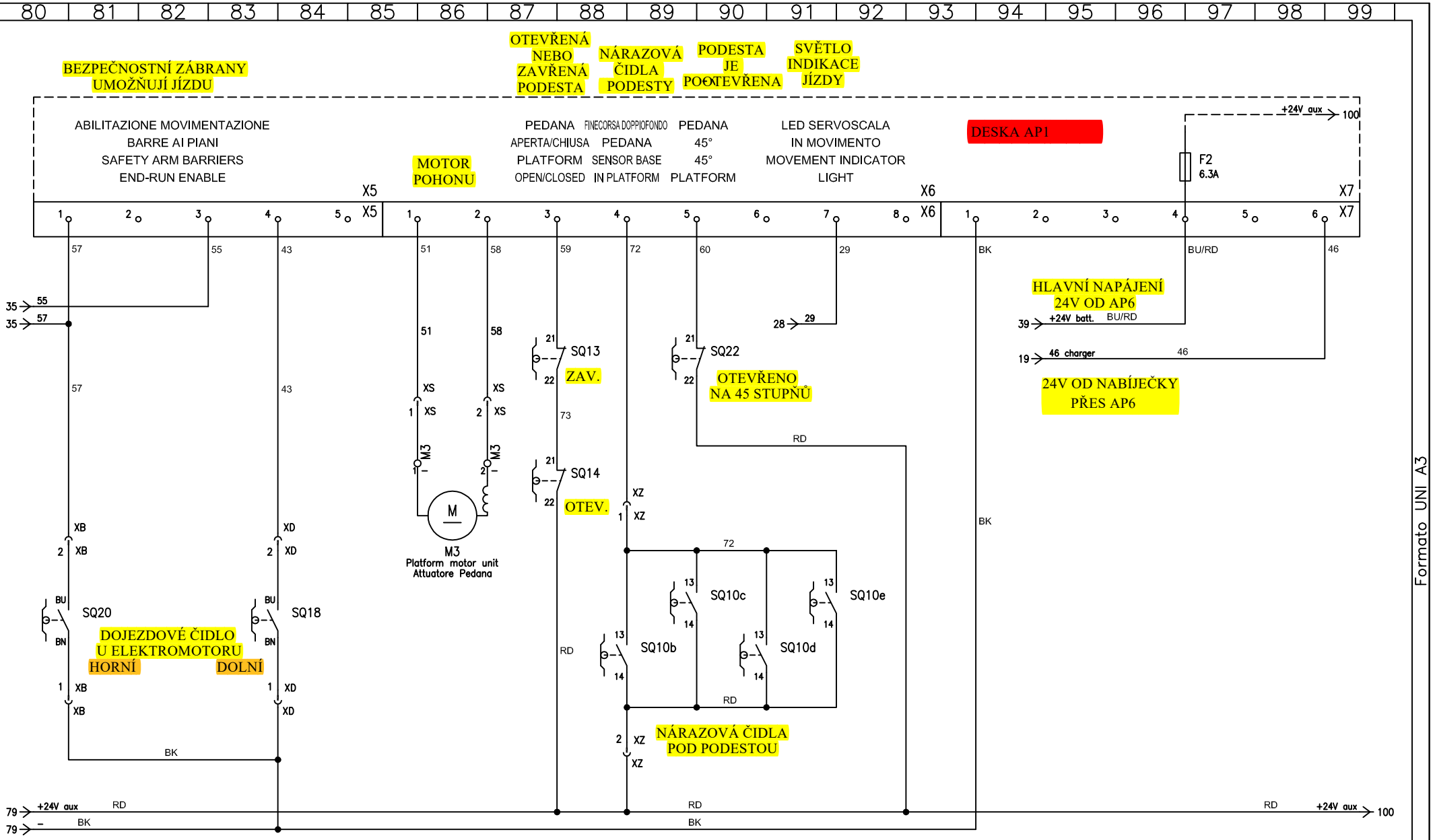


CONFIGURAZIONE MACCHINA DESTRA
RIGHT HAND CONFIGURATION

Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®	
LOGIC 2014	DATA 13/01/14		
Straight stair lift Electrical Wiring	DISEGNATO I.D.		
ZAPOJENÍ PRAVÁ STRANA	SCALA 1:1	CODICE 63F300003	
	FOGLIO 7 di 9		

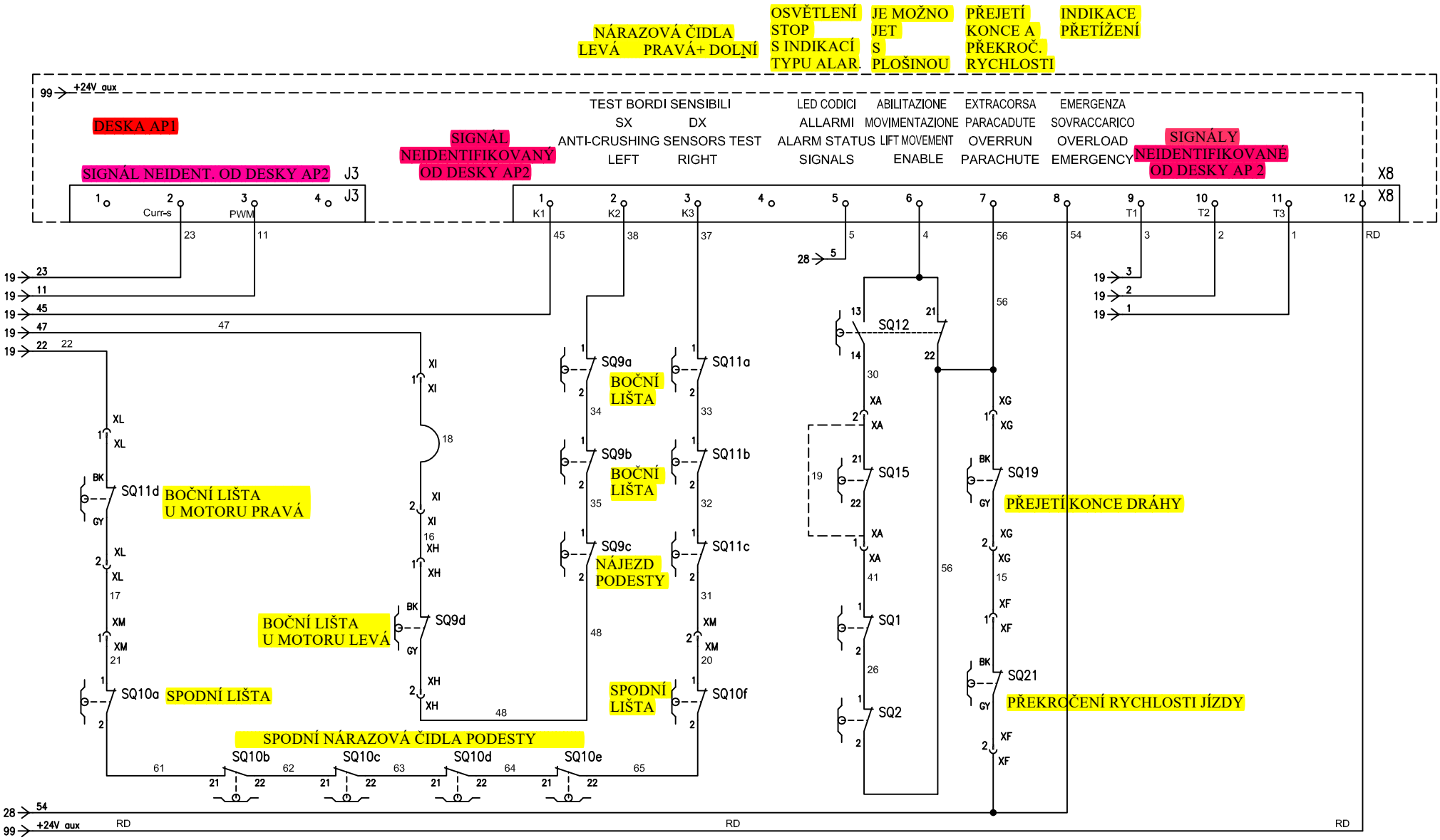
Formato UNI A3

Formato UNI A3



Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma
LOGIC 2014	DATA 13/01/14	
Straight stair lift Electrical Wiring	DISEGNATO I.D.	
ZAPOJENÍ PRAVÁ STRANA	SCALA 1:1	CODICE 63F300003
	FOGLIO 8 di 9	

Formato UNI A3



CONFIGURAZIONE MACCHINA DESTRA
RIGHT HAND CONFIGURATION

Schema elettrico servoscala rettilineo
LOGIC 2014
Straight stair lift Electrical Wiring
ZAPOJENÍ PRAVÁ STRANA

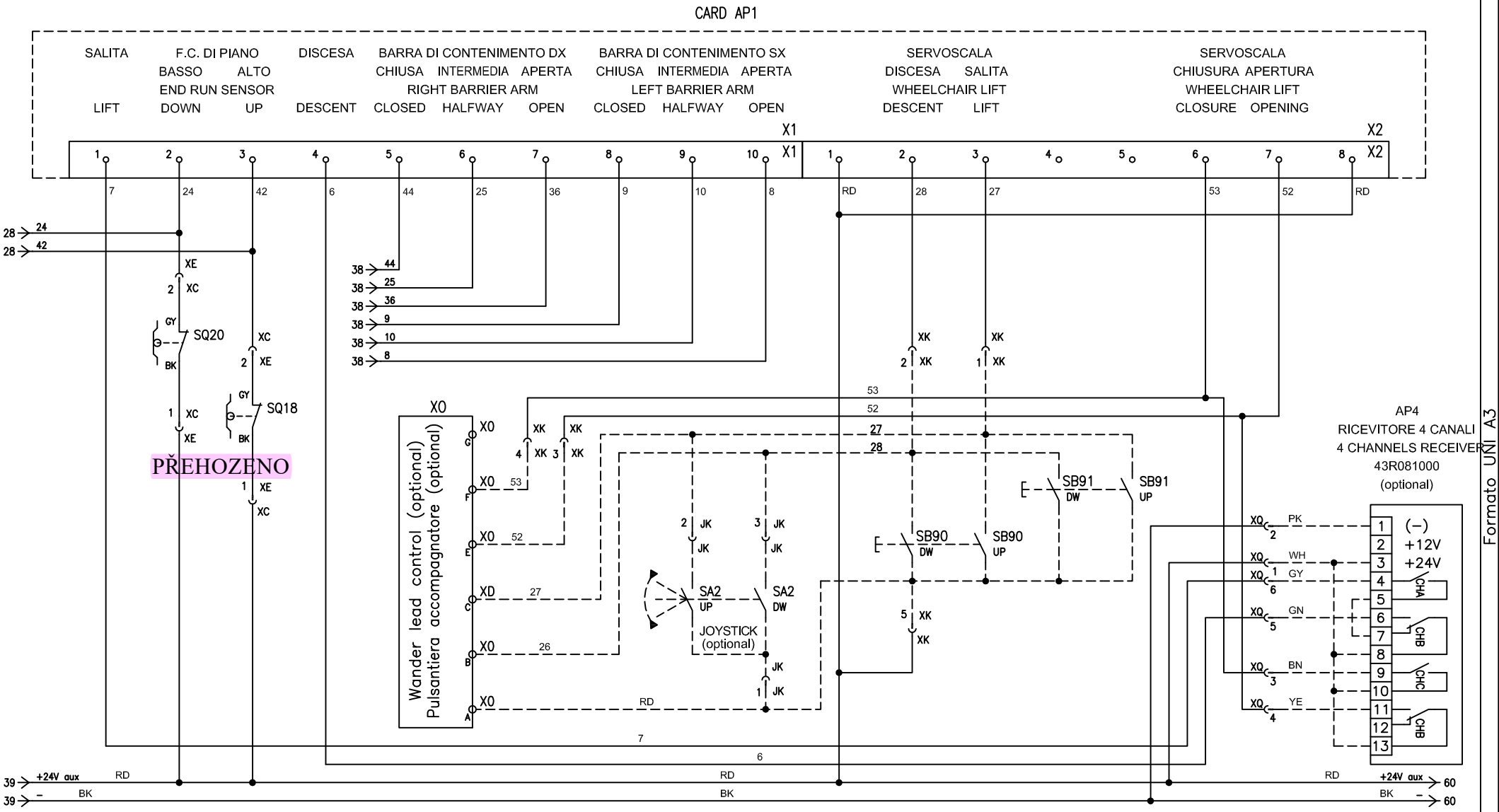
GRUPPO ELECTRICAL DRAWING
DATA 13/01/14
DISEGNATO I.D.
SCALA 1:1
FOGLIO 9 di 9

extroma

CODICE 63F300003

Formato UNI A3

Formato UNI A3

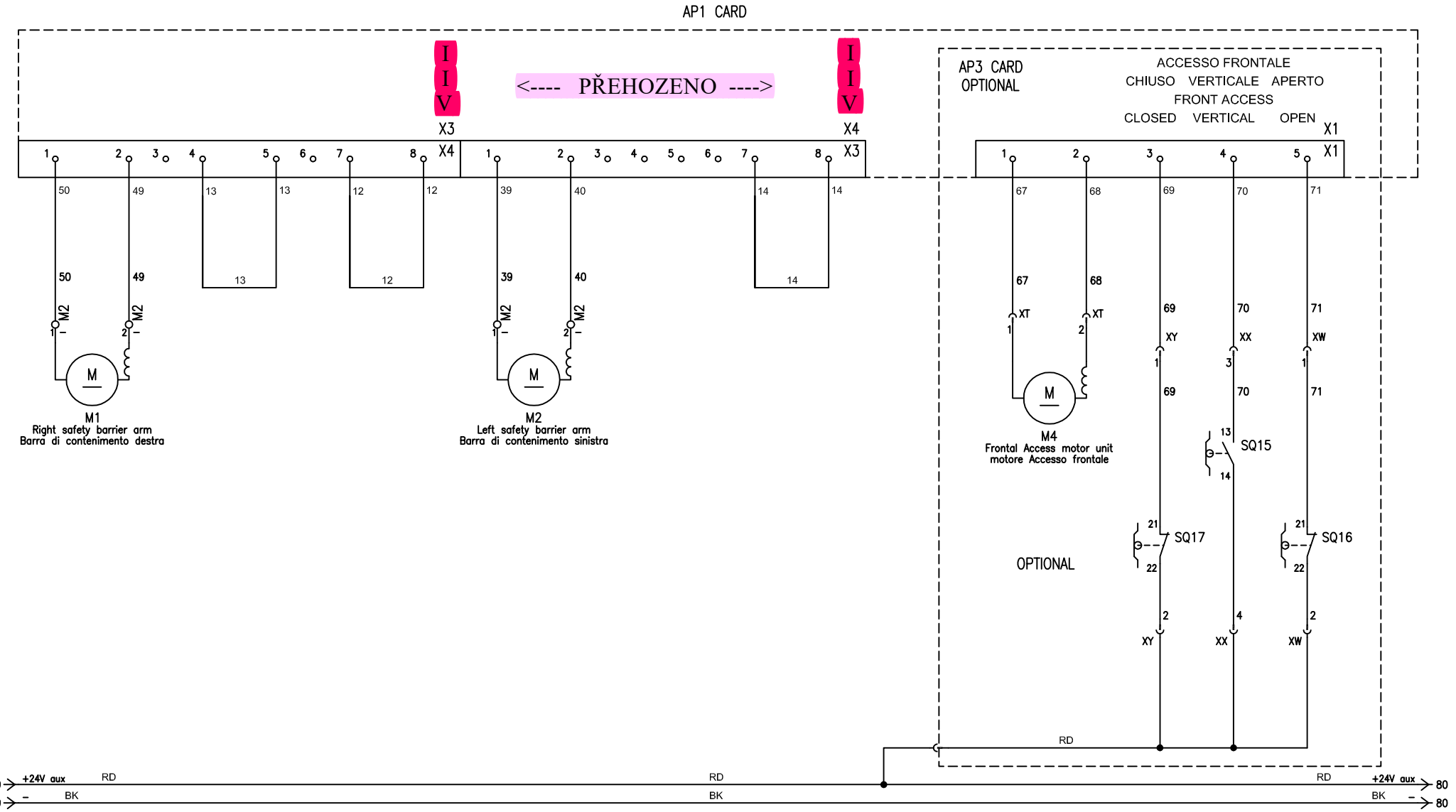


CONFIGURAZIONE MACCHINA SINISTRA
LEFT HAND CONFIGURATION

Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®	
LOGIC 2014	DATA 13/01/14		
Straight stair lift Electrical Wiring	DISEGNATO I.D.		
ZAPOJENÍ LEVÁ STRANA	SCALA 1:1	CODICE 63F300003	
	FOGLIO 6 di 9		

Formato UNI A3

Formato UNI A3

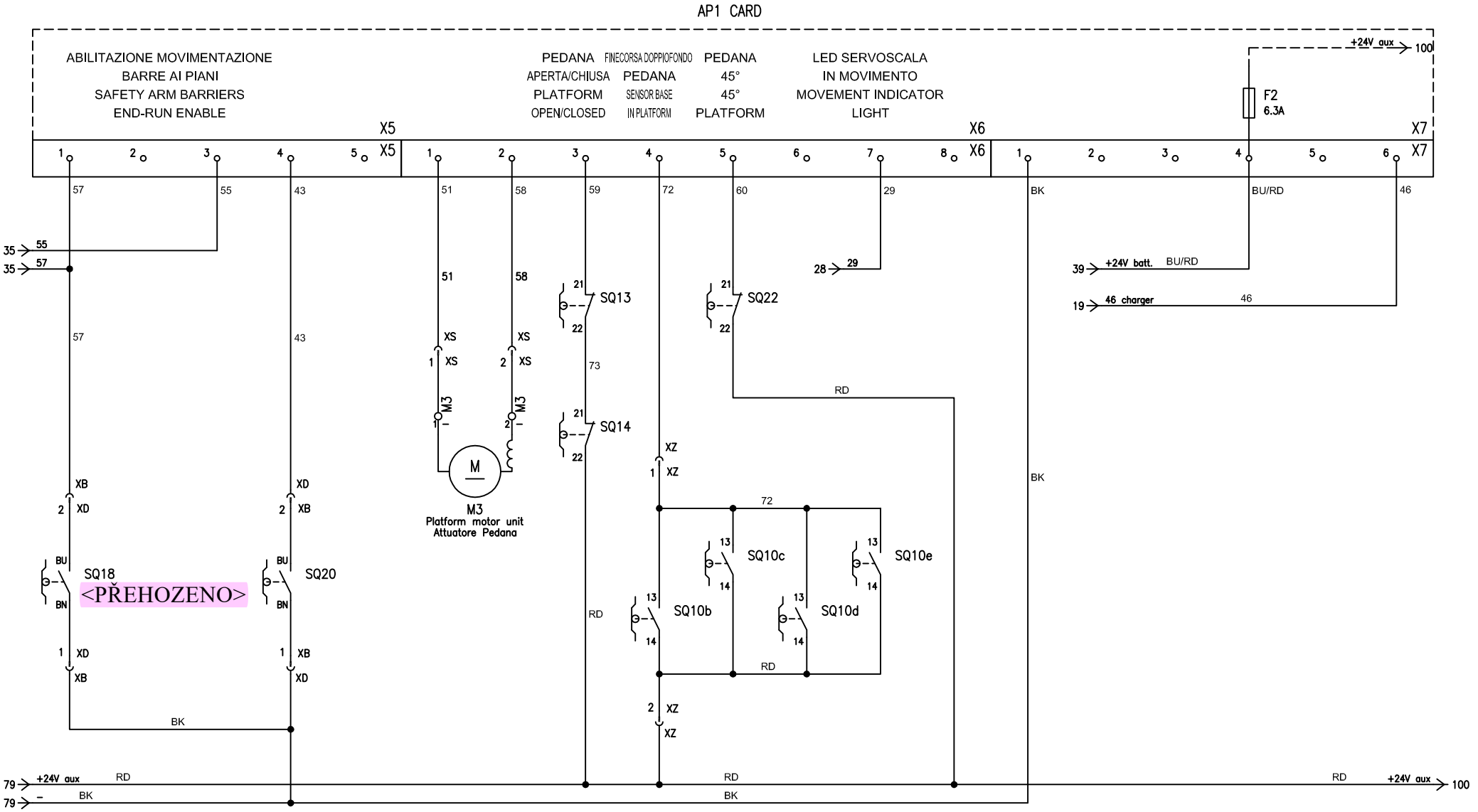


CONFIGURAZIONE MACCHINA SINISTRA
LEFT HAND CONFIGURATION

Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®	
LOGIC 2014	DATA 13/01/14		
Straight stair lift Electrical Wiring	DISEGNATO I.D.		
ZAPOJENÍ LEVÁ STRANA	SCALA 1:1	CODICE 63F300003	
	FOGLIO 7 di 9		

Formato UNI A3

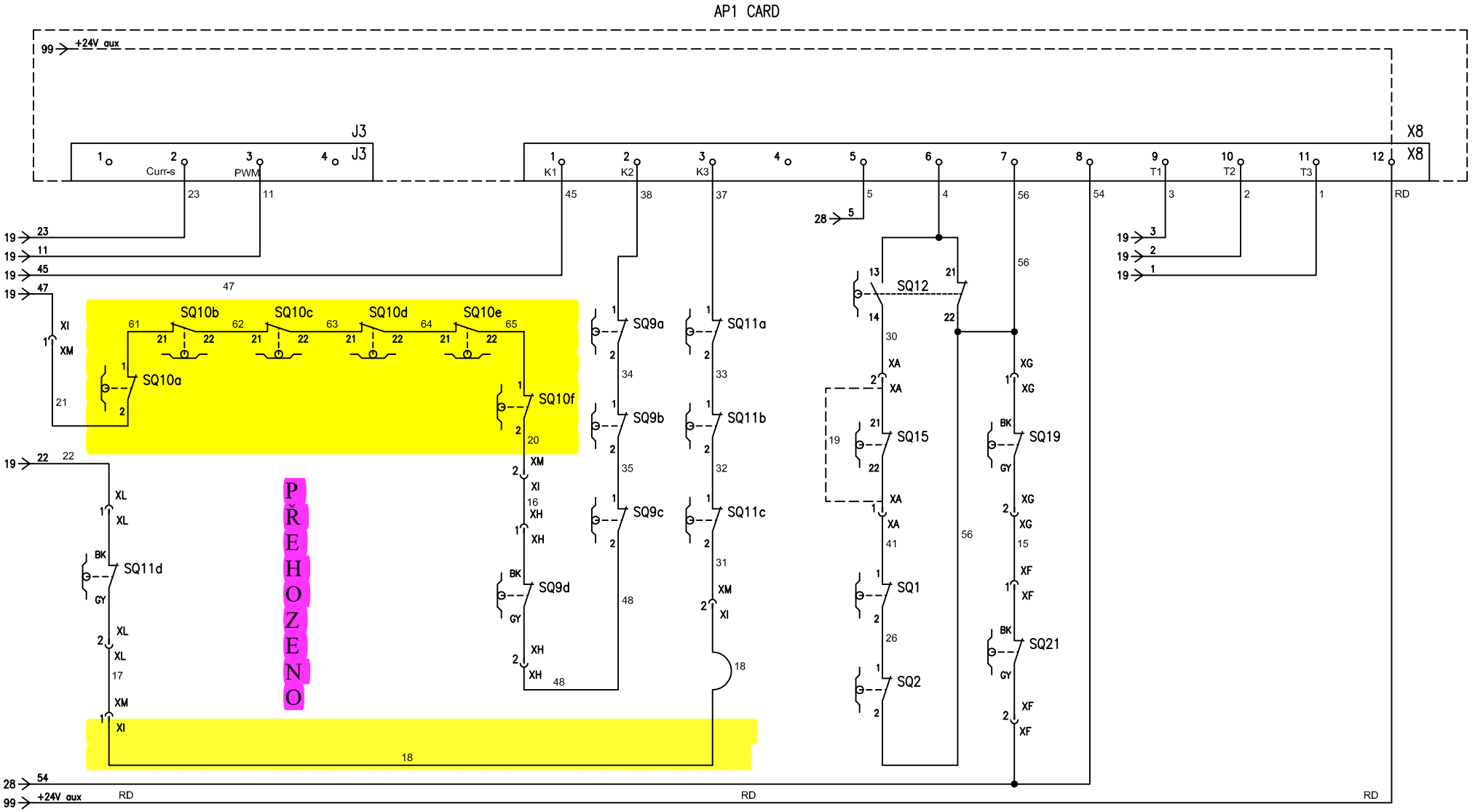
Formato UNI A3



Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®	
LOGIC 2014	DATA 13/01/14		
Straight stair lift Electrical Wiring	DISEGNATO I.D.		
ZAPOJENÍ LEVÁ STRANA	SCALA 1:1	CODICE 63F300003	
	FOGLIO 8 di 9		

Formato UNI A3

Formato UNI A3



CONFIGURAZIONE MACCHINA SINISTRA
LEFT HAND CONFIGURATION

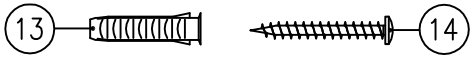
Schema elettrico servoscala rettilineo	GRUPPO ELECTRICAL DRAWING	extroma®
LOGIC 2014	DATA 13/01/14	
Straight stair lift Electrical Wiring	DISEGNATO I.D.	
ZAPOJENÍ LEVÁ STRANA	SCALA 1:1	CODICE 63F300003
	FOGLIO 9 di 9	

Formato UNI A3

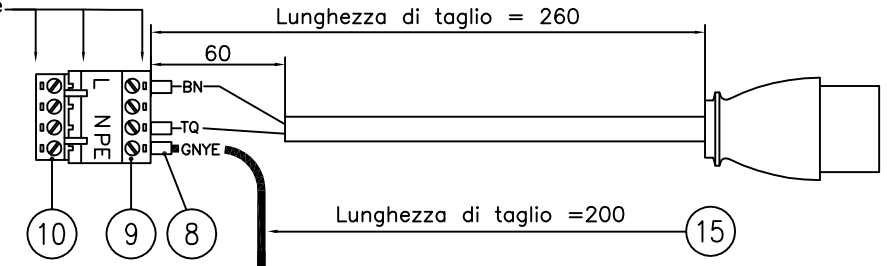
Formato UNI A3

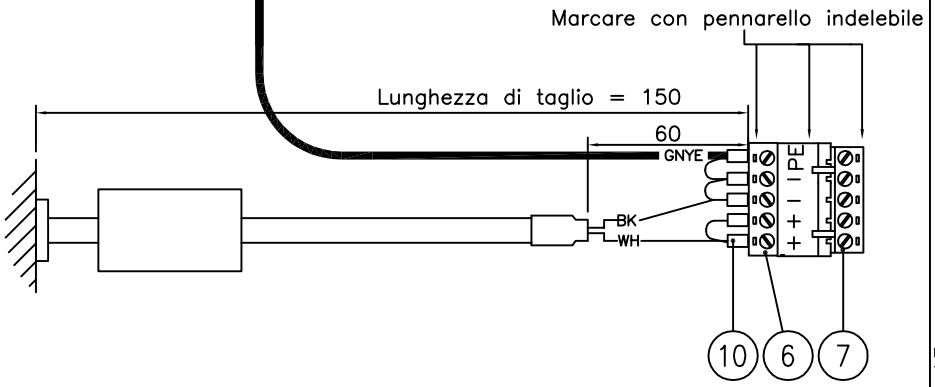
Colore	Abbreviazione
Nero	BK
Bianco	WH
Marrone	BN
Turchese	TQ
Giallo/Verde	GNYE

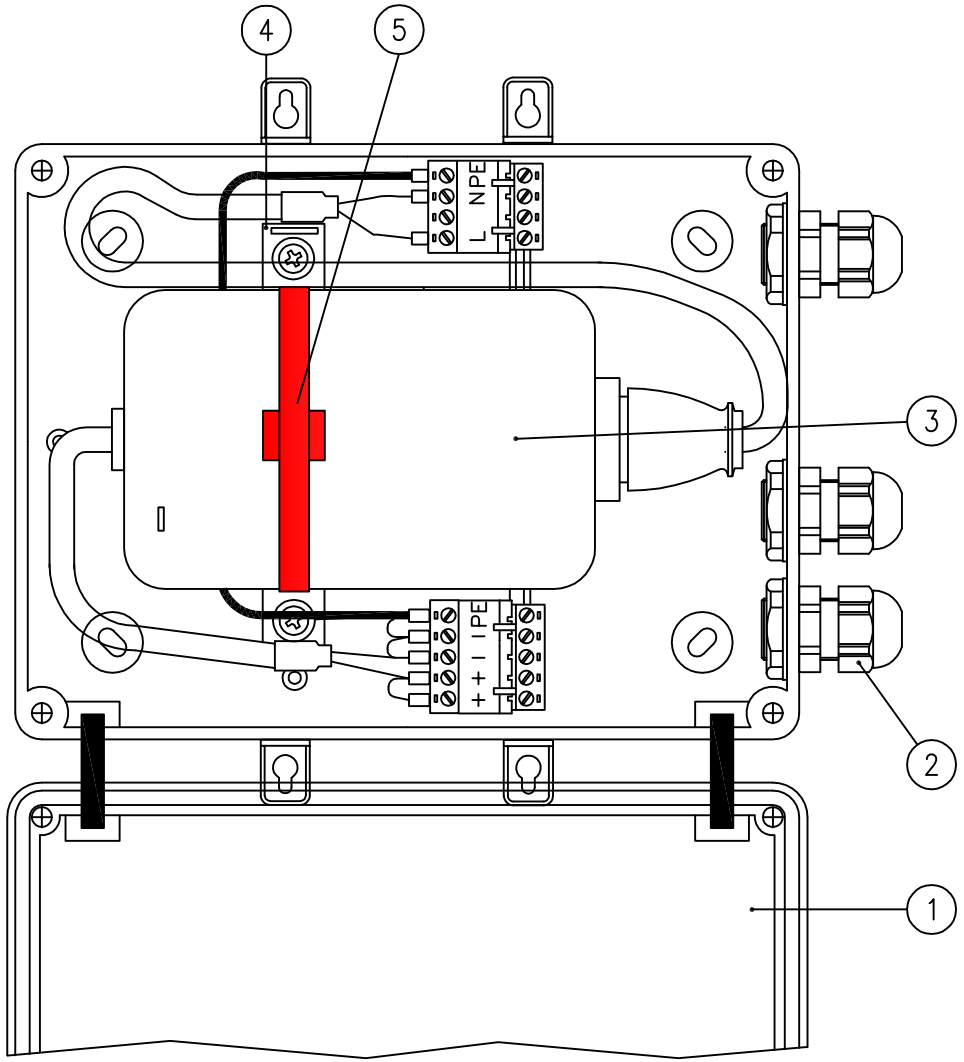
Fissare le staffe alla scatola come in figura sotto



Consegnare in busta la quantità indicata in tabella







	a	Tolto spina di alimentazione + staffe di fissaggio installate C.M. 07/06/13 Ilario DeBiasi	
15	0.2m	Cavo unipolare giallo–verde sezione 2.5mmq	
14	4	Vite AF 3.5 x 25.4 UNI 6954	25V120119
13	4	Tassello Fischer S 5	25T030510
12	4	Vite AF 3,9x9,5 AB UNI 6954 INOX	25V120124
11	4	Staffa di fissaggio Bocchiotti 04861	
10	8	Capocorda a puntalino	
9	1	Connettore Phoenix MSTB 2,5/ 4–ST–5,08	
8	1	Connettore Phoenix IC 2,5/ 4–ST–5,08	
7	1	Conn. Phoenix MSTB 2,5/ 5–ST–5,08	
6	1	Conn. Phoenix IC 2,5/ 5–ST–5,08	
5	1	Fascetta per fissaggio elettrico	
4	2	Placchette avvitate per fissaggio fascetta caricabatteria	
3	1	Caricabatterie SONEIL 2403SR	23C080001
2	3	Pressacavo PG9 con ghiera	
1	1	Scatola Bocchiotti 04844	
Pos.	N.Pz	Descrizione	Codice

Caricabatteria Logic
con negativo collegato a terra

Italiano

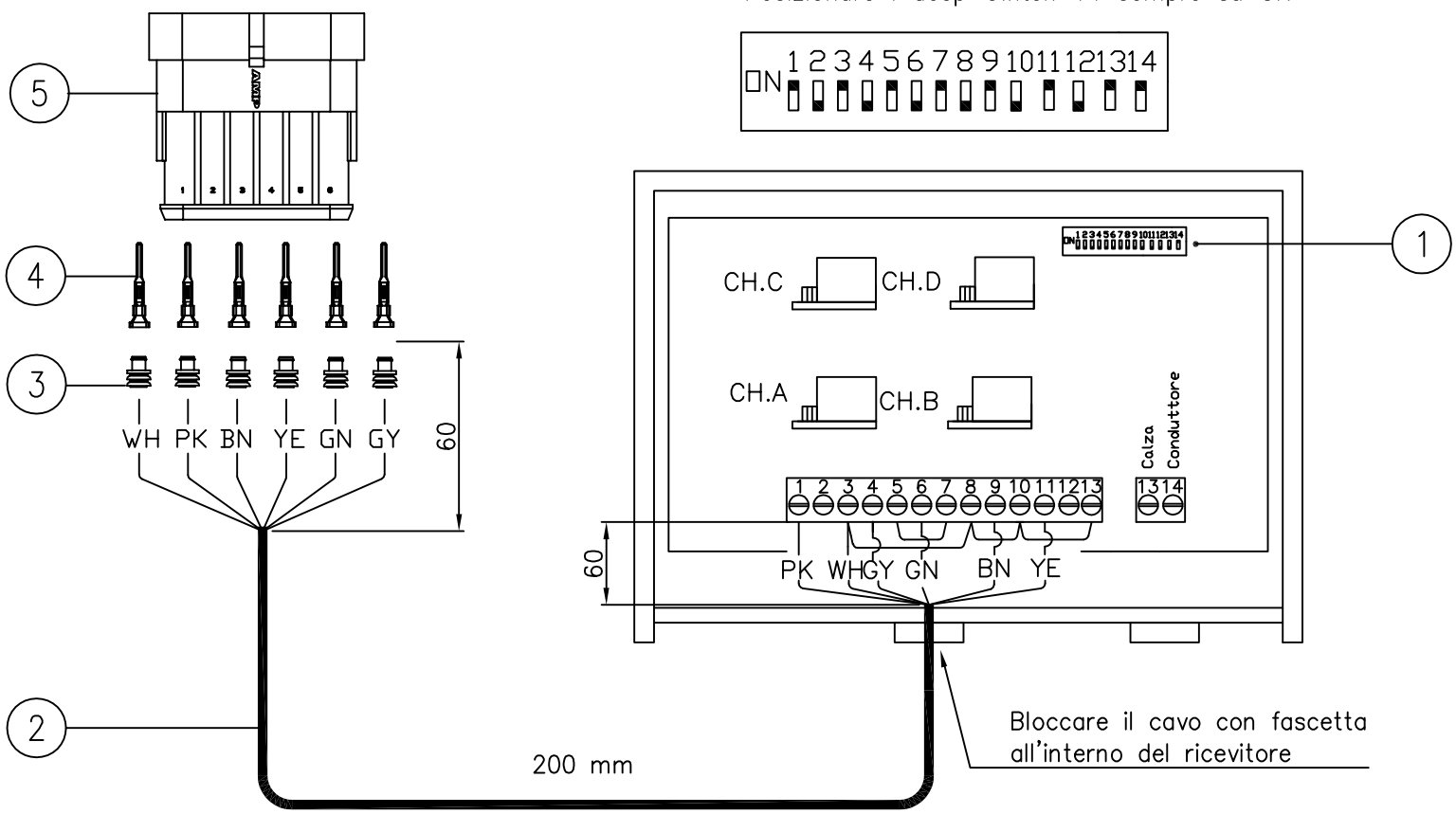
GRUPPO Imp.Elettrico
DATA 20/03/10
DISEGNATO M.I:
SCALA
FOGLIO 1 di 1

extroma®

CODICE 43C080001/a

Formato UNI A3

Formato UNI A3



CODICE COLORAZIONE CAVI
SECONDO IEC757

Colore	Abbreviazione
Rosa	PK
Marrone	BN
Giallo	YE
Verde	GN
Grigio	GY
Bianco	WH

N.B.: consegnare in busta con l'antenna, ma eliminare il supporto

POS.	N.Pz	DESCRIZIONE	Codice
5	1	Connettore AMP 282108-1	
4	6	Contatto machio AMP 183024-1	
3	6	Gommino AMP 281934-4	
2	1	Cavo Fror 6x0.50 colorato -lunghezza = 200mm	23C400032
1	1	Ricevitore Extrema REQ438 4 canali	23R081001

Ricevitore 4 canali cablato Logic

GRUPPO Imp.Elettrico
DATA 26/10/09
DISEGNATO M. I.
SCALA
FOGLIO 1 di 1

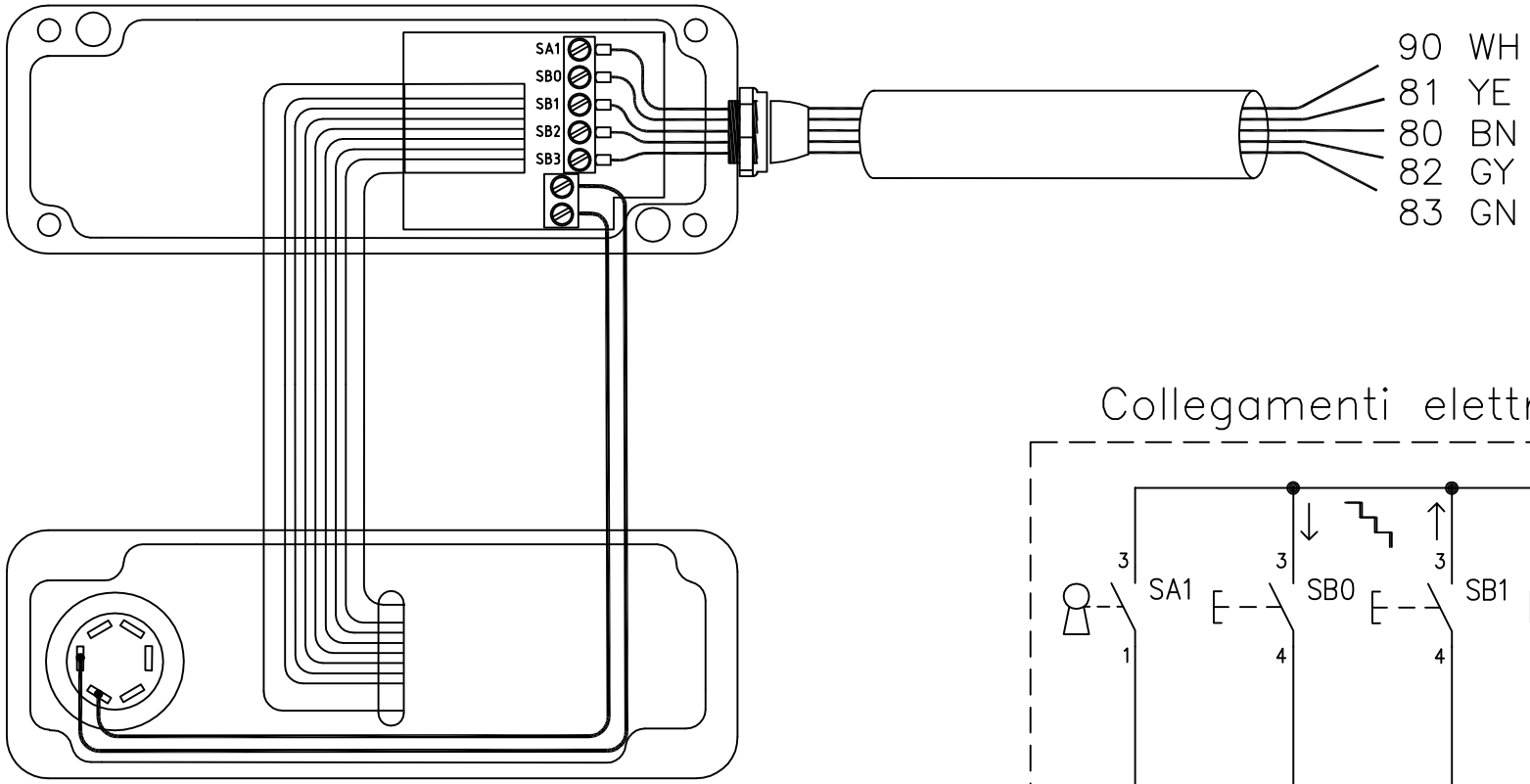
extrema

CODICE 43R081000/a

a	Modificato disposizione deep switch	C.M.	13/04/10 Stefano L.

Formato UNI A3

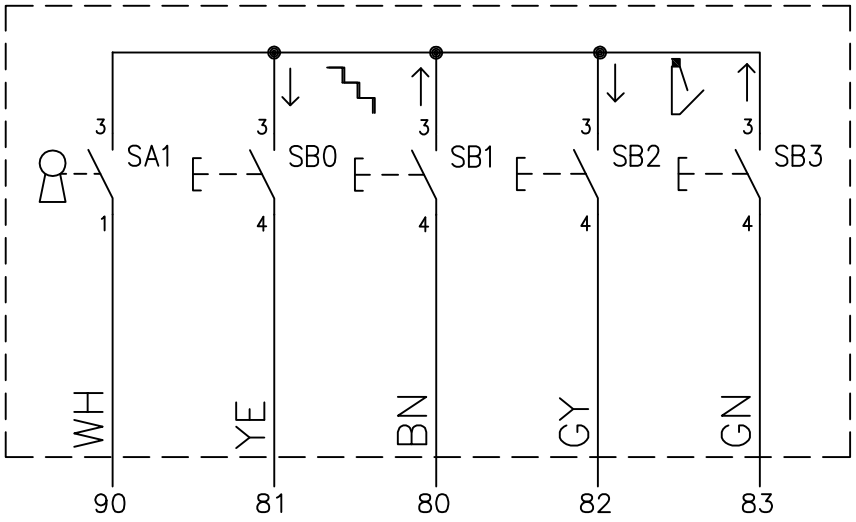
Formato UNI A3



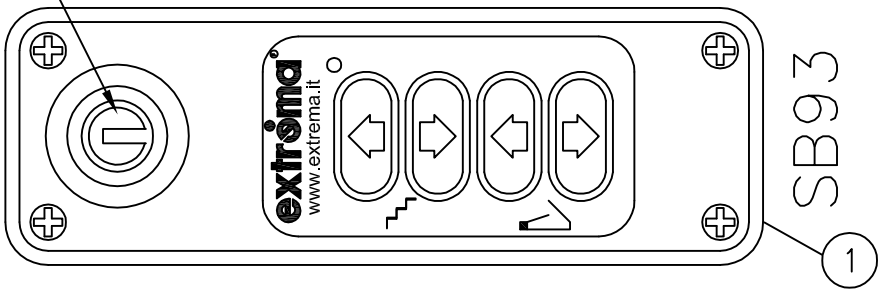
CODICE COLORAZIONE CAVI
SECONDO IEC757

Colore	Abbreviazione
Marrone	BN
Giallo	YE
Bianco	WH
Grigio	GY
Verde	GN

Collegamenti elettrici interni



Key Switch / Interruttore a chiave (2)



ATTENZIONE:
Terminali e tasselli non assemblati
Introdurre nell'imballo la stampa del foglio

Pos.	N.Pz	Descrizione	Codice
2	1	Interruttore a chiave Lorlin WRL-5-M-S-2	231071004
1	1	Pulsantiera di piano	43P370213

Pulsantiera Slim collegamento a cavo
4 pulsanti

GRUPPO Imp.Elettrico
DATA 20/03/14
DISEGNATO P.S.
SCALA 1:1
FOGLIO 1 di 1

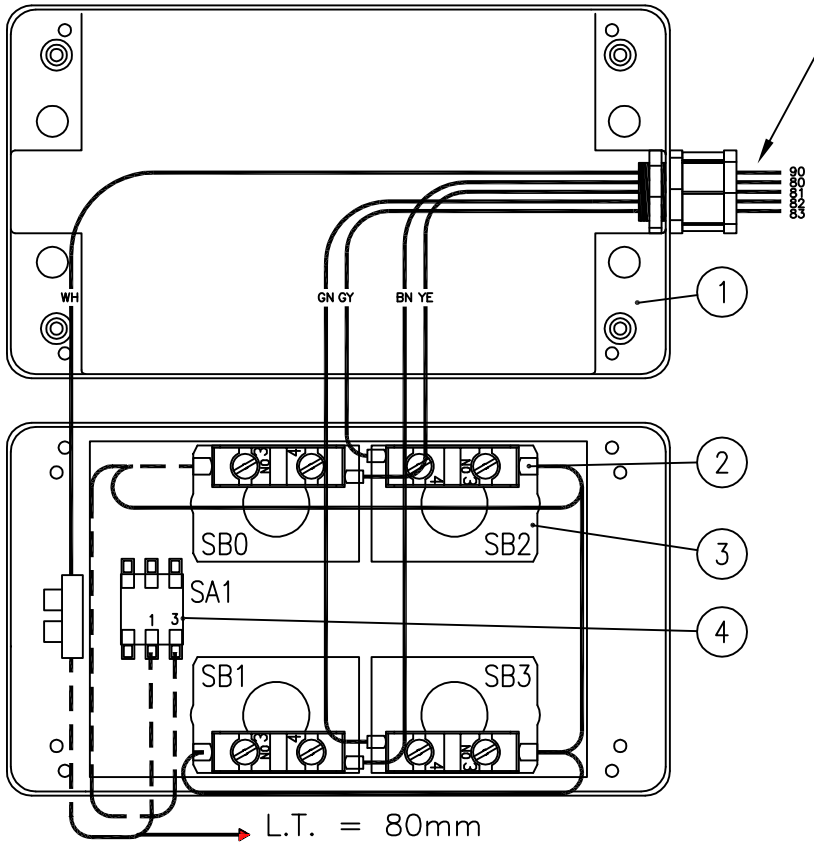
extroma®

CODICE 43P370213

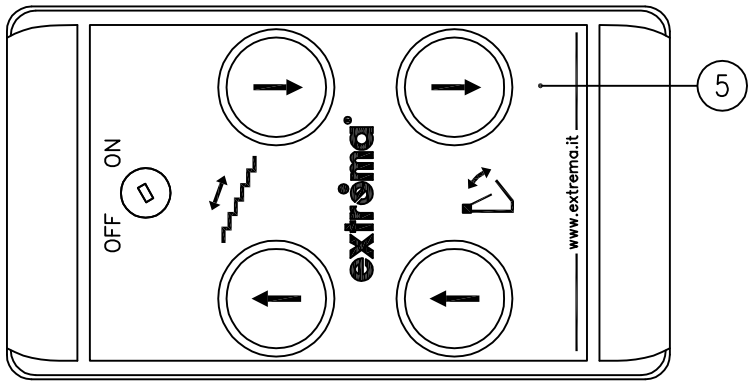
Formato UNI A3

Formato UNI A3

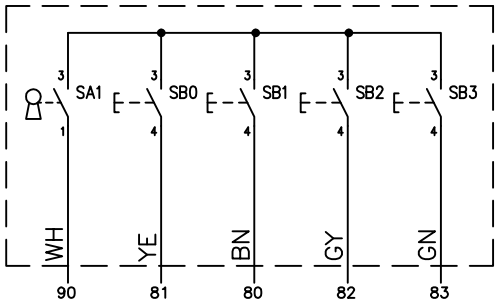
ATTENZIONE: non forare la scatola



Collegamenti tratteggiati, da saldare, in carico al fornitore

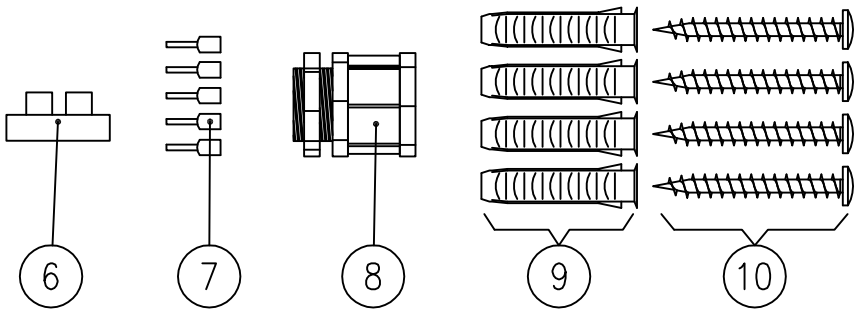


Collegamenti elettrici interni



CODICE COLORAZIONE CAVI SECONDO IEC757

Colore	Abbreviazione
Marrone	BN
Giallo	YE
Bianco	WH
Grigio	GY
Verde	GN



ATTENZIONE:
Fornire pressacavo, terminali e tasselli non assemblati
Introdurre nell'imballo la stampa del foglio

Pos.	N.Pz	Descrizione	Codice
10	4	Vite AF 3.5 x 25.4 UNI 6954	25V120119
9	4	Tassello Fischer S 5	25T030510
8	1	Pressacavo PG 9 con ghiera	23P410003
7	5	Tubetto terminale preisolato Cembre art. PKC508	23C070003
6	1	Mammut tipo B206 2.5 mmq	
5	1	Targa pulsantiera di piano Logic 4P	31T020028
4	1	Interruttore a chiave Lorlin WRL-5-M-S-2	23I071004
3	4	Pulsante Giovenzana art. PPRN5NL/F + PCW10	23P360068
2	4	Tubetto terminale preisolato Cembre art. PKC108	23C070006
1	1	Scatola OKW C6009161 per pulsantiera Logic	23S011000

Pulsantiera Slim collegamento a cavo
4 pulsanti

Italiano

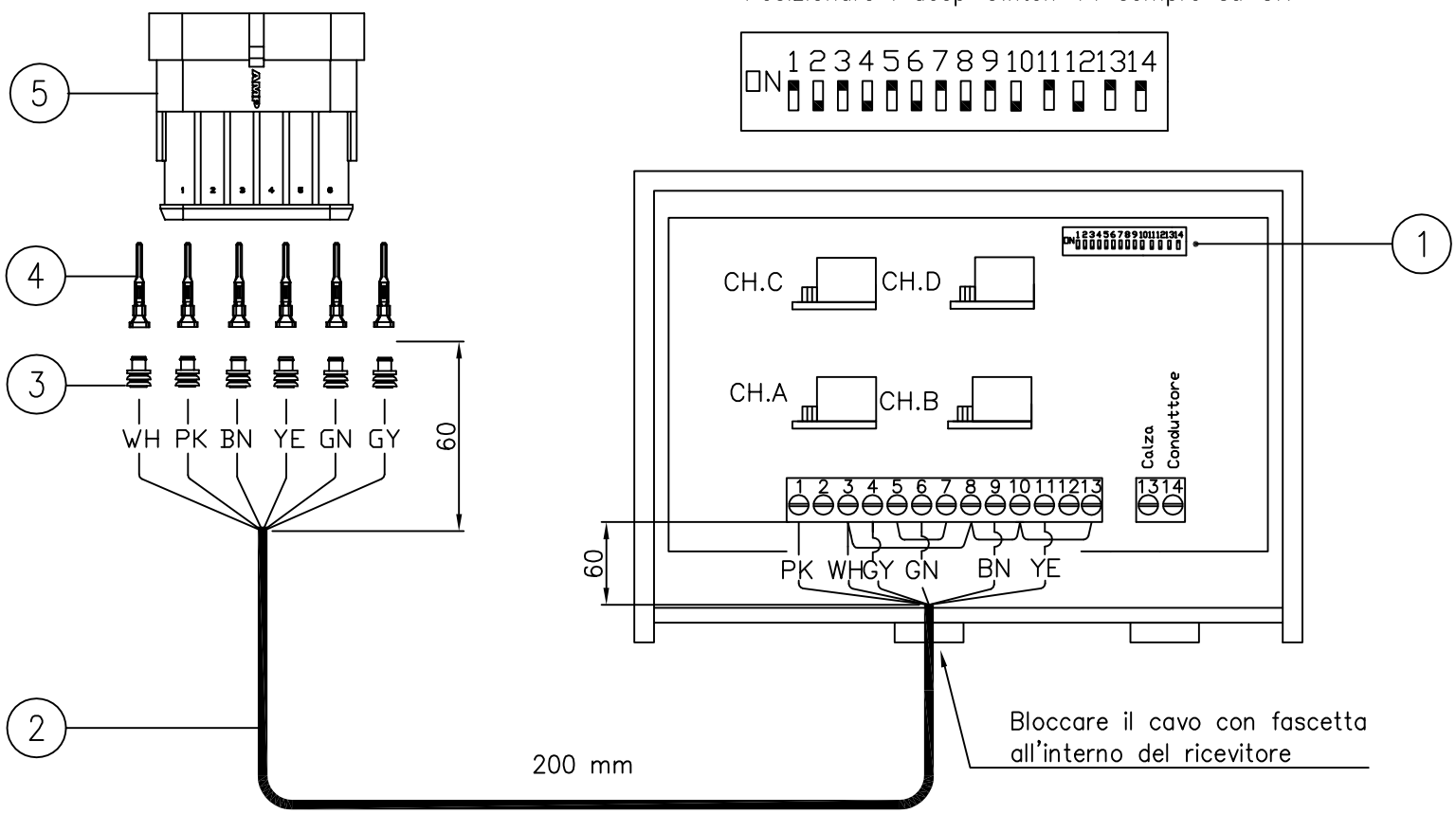
GRUPPO: Imp.Elettrico
DATA: 19/10/12
DISEGNATO: I.D.
SCALA: 1:1
FOGLIO: 1 di 1

extroma®

CODICE: 43P370188

Formato UNI A3

Formato UNI A3



CODICE COLORAZIONE CAVI
SECONDO IEC757

Colore	Abbreviazione
Rosa	PK
Marrone	BN
Giallo	YE
Verde	GN
Grigio	GY
Bianco	WH

N.B.: consegnare in busta con l'antenna, ma eliminare il supporto

POS.	N.Pz	DESCRIZIONE	Codice
5	1	Connettore AMP 282108-1	
4	6	Contatto machio AMP 183024-1	
3	6	Gommino AMP 281934-4	
2	1	Cavo Fror 6x0.50 colorato -lunghezza = 200mm	23C400032
1	1	Ricevitore Extrema REQ438 4 canali	23R081001

Ricevitore 4 canali cablato Logic

GRUPPO Imp.Elettrico
DATA 26/10/09
DISEGNATO M. I.
SCALA
FOGLIO 1 di 1

extrema

CODICE 43R081000/a

a	Modificato disposizione deep switch	C.M.	13/04/10 Stefano L.

Formato UNI A3

Formato UNI A3