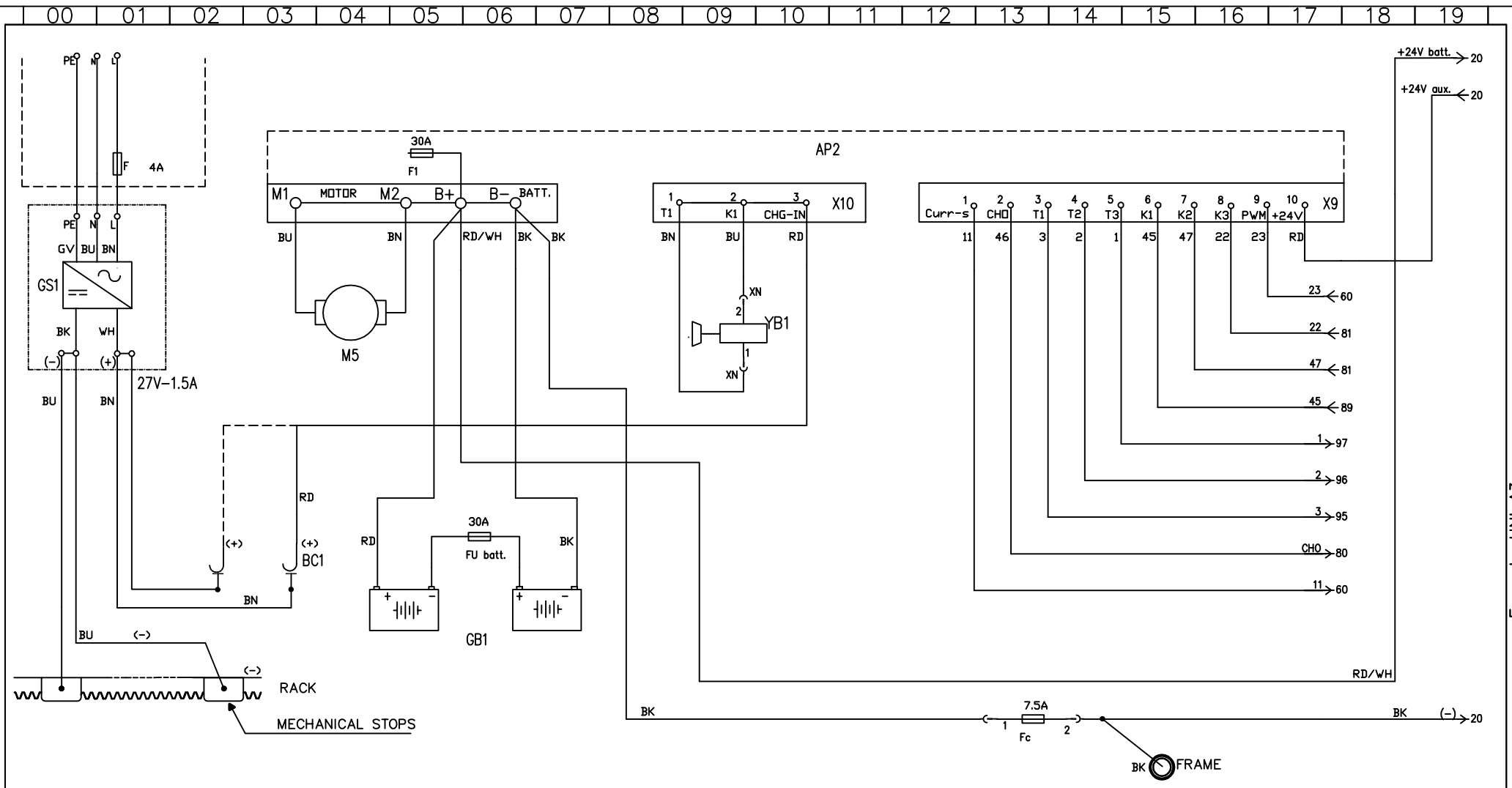


- AP1 Electronic board CPU
- AP2 Motor electronic board PWM
- AP3 Frontal access electronic board (option)
- AP4 Electronic board for floor control receiver (option)
- BS1 Sliding contact
- GS1 Charger
- HL1-B1 Buzzer and flashing light (option)
- SA1 Key switch
- SBE-LD1 Emergency switch + diagnostic LED
- SB90 Raise pushbutton on board
- SB91 Descent pushbutton on board
- SB92 Wander lead control (option)
- SB93 Floor control (option)
- SQ1 Microswitch right barrier low - R
- SQ2 Microswitch right barrier high - R
- SQ3 Microswitch to enable left barrier at the upper floor
- SQ4 Right barrier mechanical stop 90° safety position
- SQ5 Left barrier mechanical stop 90° safety position
- SQ6 Microswitch to enable right barrier at the upper floor
- SQ7 microswitch left barrier high - L
- SQ8 microswitch left barrier low - L
- SQ9a-b Anti-collision microswitch on the left side of the back
- SQ9c Anti-collision microswitch on the left ramp
- SQ9d Anti-collision limit switch - left side of the motor carriage
- SQ10a Anti-collision microswitch - bottom side of the back
- SQ10b...e Anti-collision limit switch in the platform
- SQ10f Anti-collision microswitch - bottom side of the back
- SQ11a-b Anti-collision microswitch on the right side of the back
- SQ11c Anti-collision microswitch on the right ramp
- SQ11d Anti-collision limit switch - right side of the motor carriage
- SQ12 Check platform limit switch: open or close
- SQ13 Limit switch for platform completely closed
- SQ14 Limit switch for platform completely open
- SQ15 Limit switch for frontal access in safety position: vertical
- SQ16 Limit switch for frontal access completely open
- SQ17 Limit switch for frontal access completely closed
- SQ18 Lower floor limit switch: right installation
- SQ19 Over limit switch
- SQ20 Upper floor limit switch: right installation
- SQ21 Parachute limit switch
- SQ22 Limit switch platform at 45°
- XO Wonder lead control connector



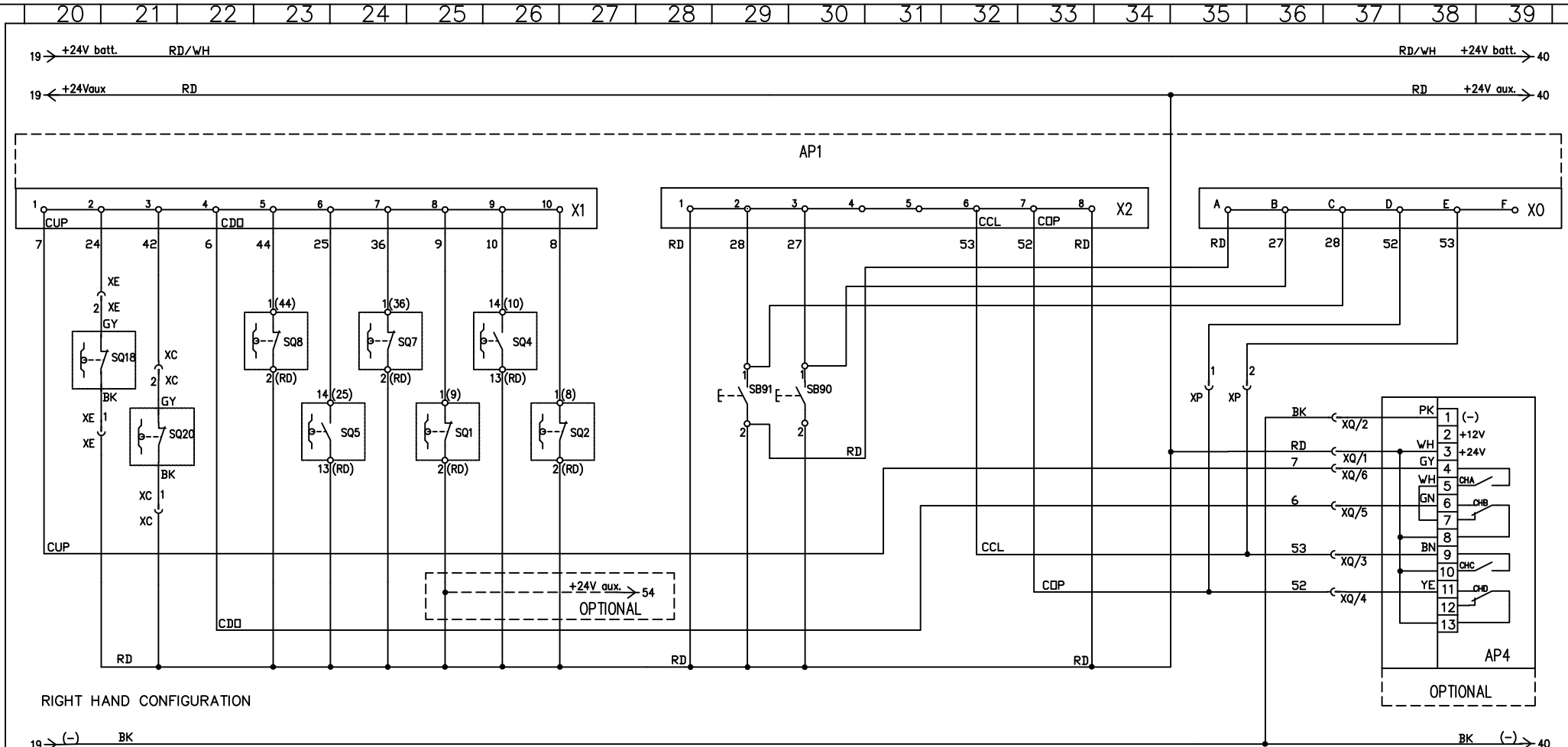
Electric wiring for straight stair lift Logic		GRUPPO	<b>extréma</b> <sup>®</sup>
Right and left installation		Imp.Elettrico	
		DATA	
		15/10/10	
		DISEGNATO	
		M.I.	CODICE
		SCALA	
		FOGLIO	
		1 di 10	63F301000



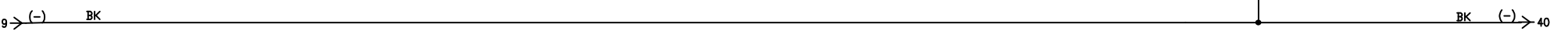
- AP2 Motor electronic board PWM
- B+/B- Battery clamps
- BC1 Sliding contact
- F 4Amps fuse – to be provided by the client
- FU 30Amps fuse on batteries
- F1 30Amps fuse on the PWM board
- Fc 7.5Amps fuse for charger negative
- GB1 Batteries
- GS1 Charger
- M1/M2 Clamps for motor cables
- M5 Traction motor
- X9 Connector on board PWM AP2
- X10 Connector on board PWM AP2
- YB1 Electromagnetic brake

Colours	Initial	Colours	Initial
Black	BK	Blue	BU
Brown	BN	Violet	VT
Red	RD	Grey	GY
Orange	OG	White	WH
Yellow	YE	Pink	PK
Green	GN	Green/Yellow	GNYE
Turquoise	TQ		

Electric wiring for straight stair lift Logic		GRUPPO Imp.Elettrico	<b>extréma</b> <sup>®</sup>
Right and left installation		DATA 15/10/10	
		DISEGNATO M.I.	CODICE <b>63F301000</b>
		SCALA - -	
		FOGLIO 2 di 10	



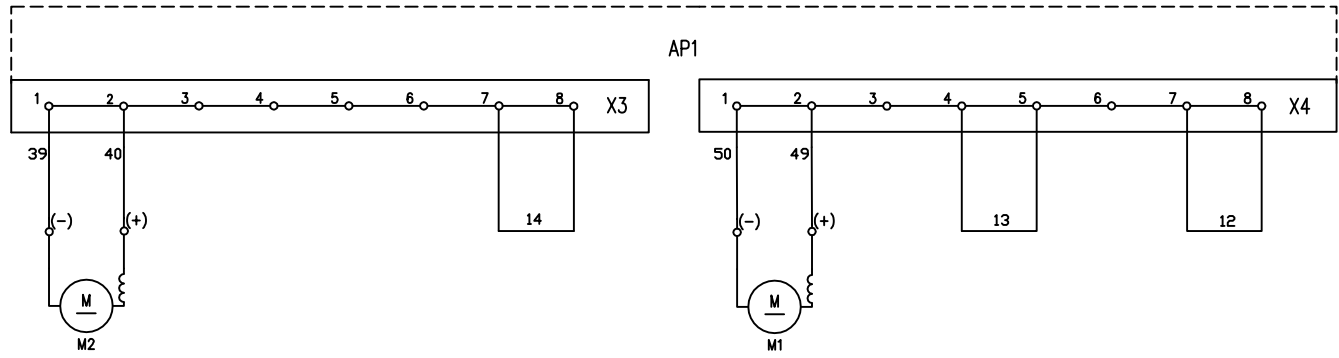
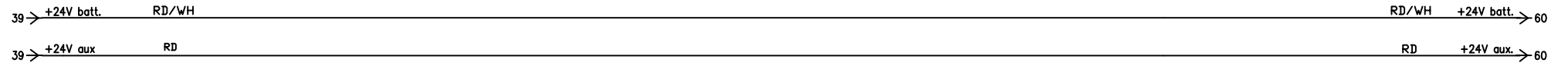
RIGHT HAND CONFIGURATION



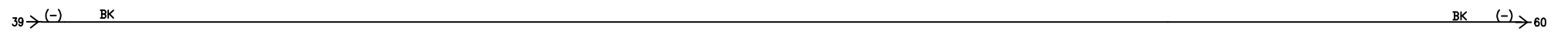
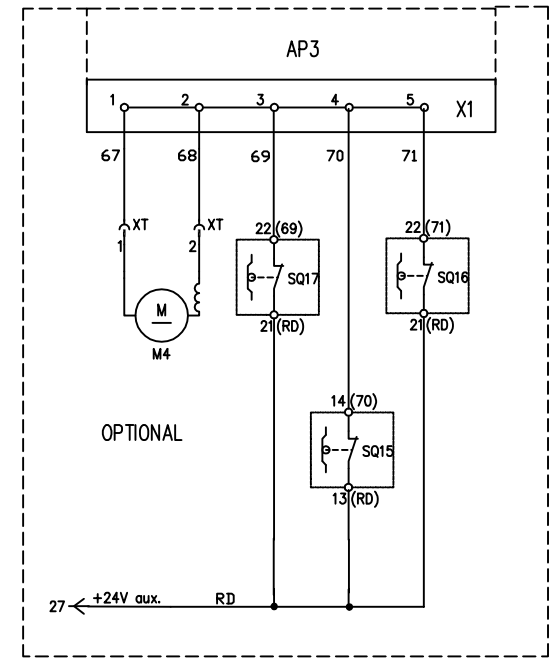
- AP1 Electronic board CPU
- AP4 Electronic board for floor control receiver (option)
- SB90 Raise pushbutton on board
- SB91 Descent pushbutton on board
- SQ1 Microswitch right barrier low - R
- SQ2 Microswitch right barrier high - R
- SQ4 Right barrier mechanical stop 90° safety position
- SQ5 Left barrier mechanical stop 90° safety position
- SQ7 microswitch left barrier high - L
- SQ8 microswitch left barrier low - L
- SQ18 Lower floor limit switch: right installation
- SQ20 Upper floor limit switch: right installation
- X1 Connector on electronic board CPU - AP1
- X2 Connector on electronic board CPU - AP1
- XO Wonder lead control connector

- CCL Closing platform
- CDO Descent of the stair lift
- COP Opening platform
- CUP Raise of the stair lift

Electric wiring for straight stair lift Logic	GRUPPO Imp. Elettrico	<b>extréma</b> <sup>®</sup>
Right installation	DATA 15/10/10	
	DISEGNATO M.I.	CODICE
	SCALA --	63F301000
	FOGLIO 3 di 10	

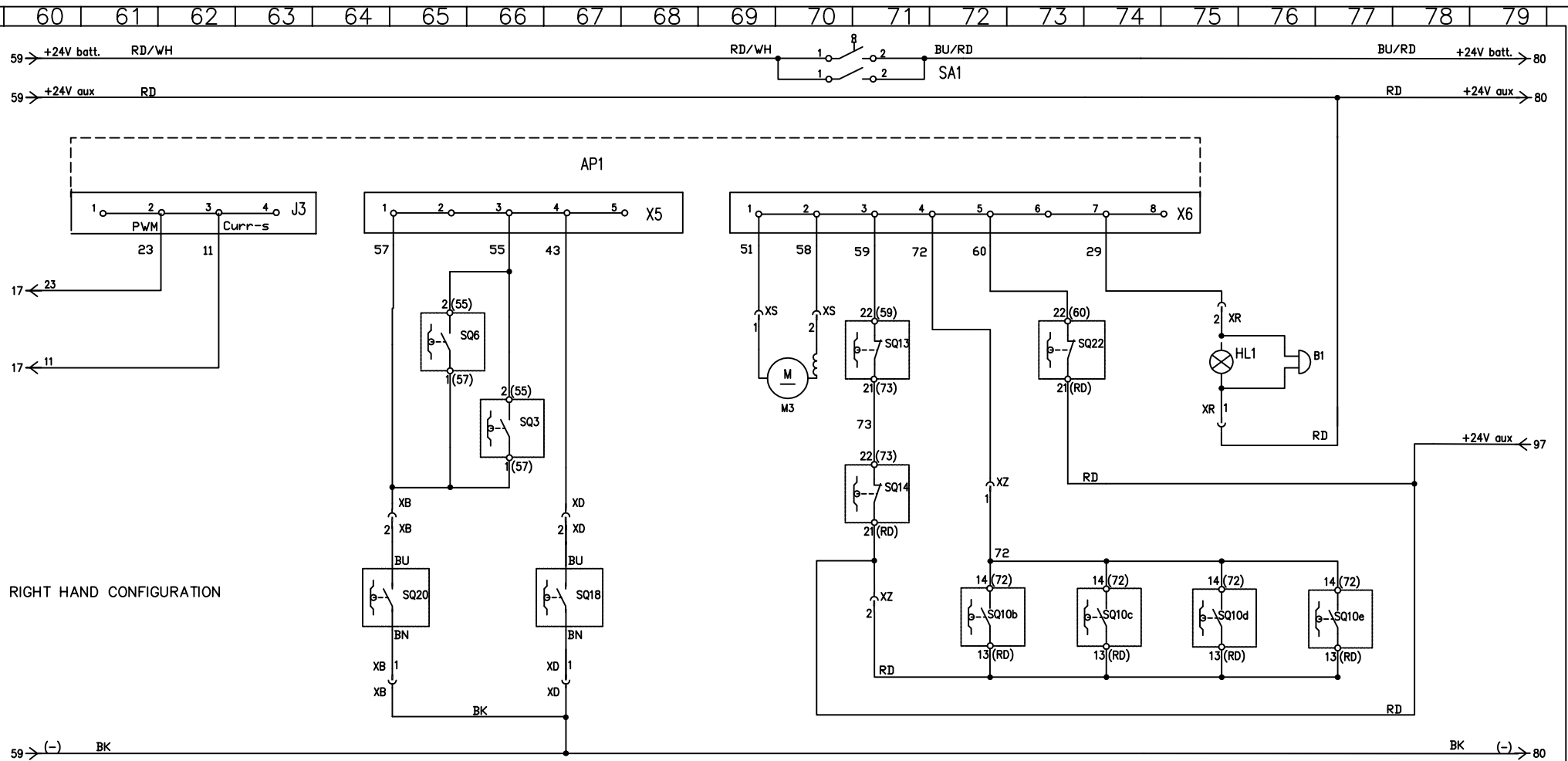


RIGHT HAND CONFIGURATION



- AP1 Electronic board CPU
- AP3 Frontal access electronic board (option)
- M1 Right barrier motor
- M2 Left barrier motor
- M4 Frontal access ramp motor
- SQ15 Limit switch for frontal access in safety position: vertical
- SQ16 Limit switch for frontal access completely open
- SQ17 Limit switch for frontal access completely closed
- X1 Connector on electronic board for frontal access AP3 (option)
- X3 Connector on electronic board CPU - AP1
- X4 Connector on electronic board CPU - AP1

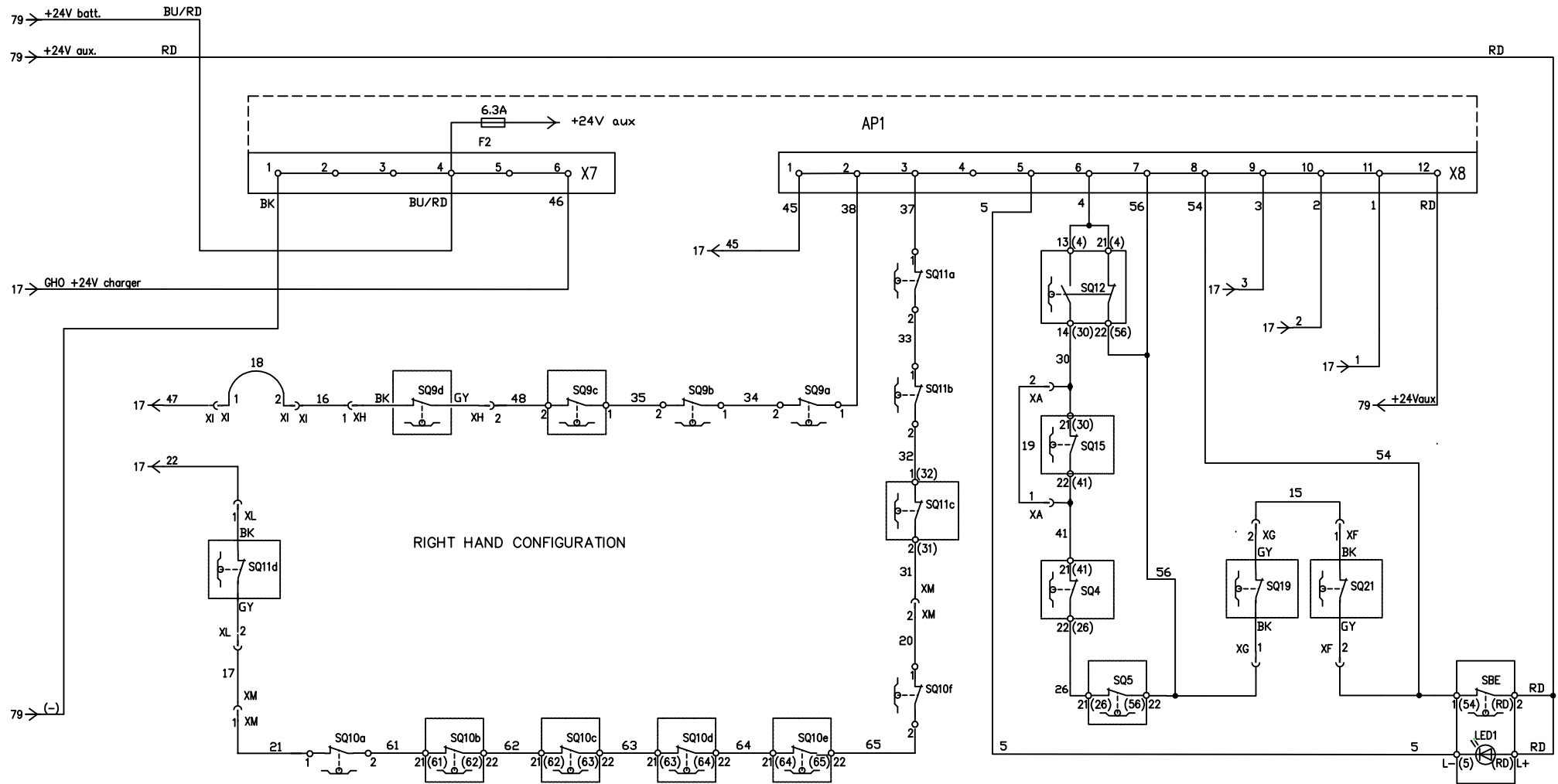
Electric wiring for straight stair lift Logic	GRUPPO Imp. Elettrico	<b>extréma</b> <sup>®</sup>
Right installation	DATA 15/10/10	
	DISEGNATO M.I.	CODICE
	SCALA - -	63F301000
	FOGLIO 4 di 10	



RIGHT HAND CONFIGURATION

- AP1      Electronic board CPU
- HL1-B1    Buzzer and flashing light (option)
- J3        Connector on board CPU - AP1
- M3        Platform motor
- SA1       Key switch
- SQ3       Microswitch to enable left barrier at the upper floor
- SQ6       Microswitch to enable right barrier at the upper floor
- SQ10b...e   Anti-collision limit switch in the platform
- SQ13      Limit switch for platform completely closed
- SQ14      Limit switch for platform completely open
- SQ18      Lower floor limit switch: right installation
- SQ20      Upper floor limit switch: right installation
- SQ22      Limit switch platform at 45°
- X5        Connector on board CPU - AP1
- X6        Connector on board CPU - AP1

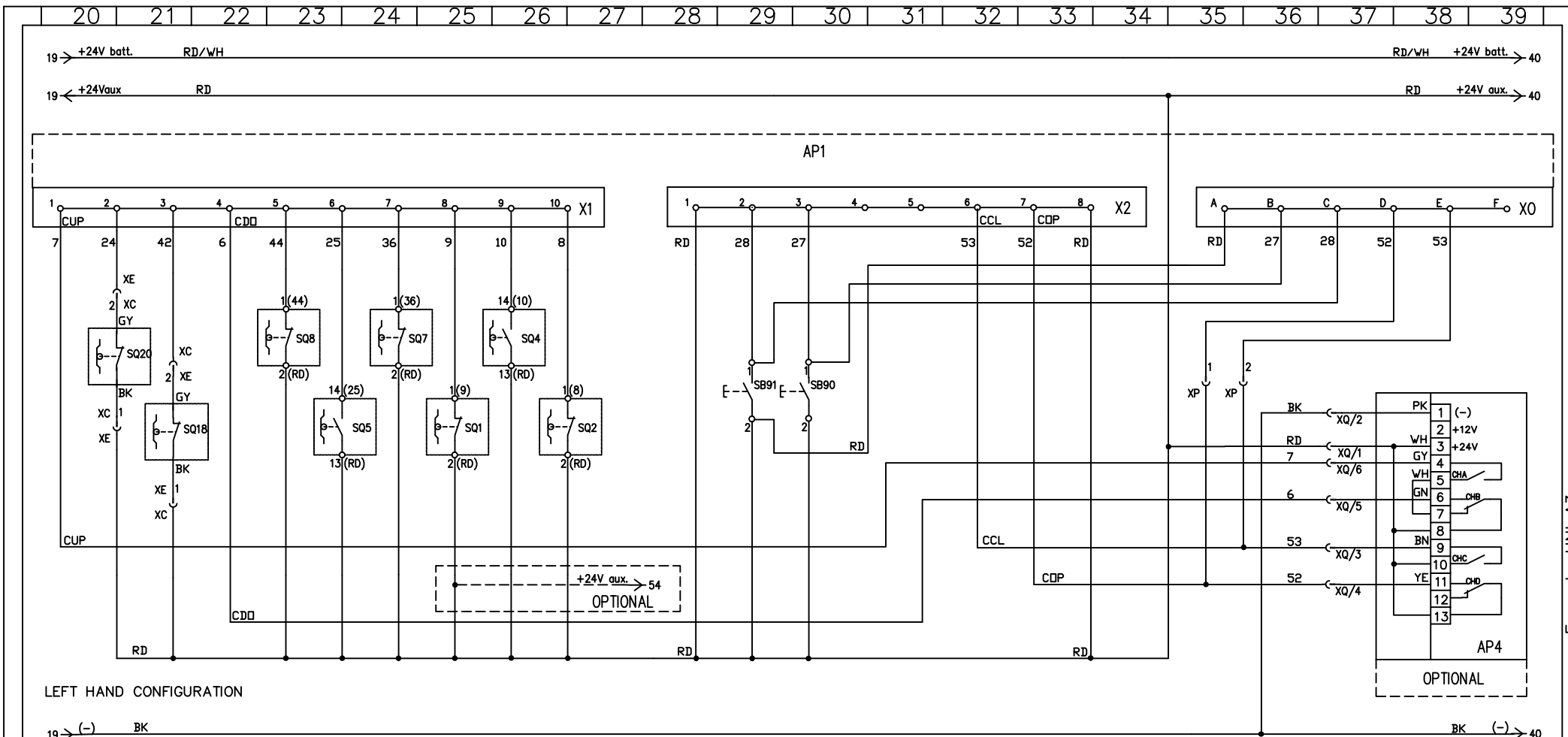
Electric wiring for straight stair lift Logic		GRUPPO Imp. Elettrico	<b>extrima®</b>
Right installation		DATA 15/10/10	
		DISEGNATO M.I.	CODICE
		SCALA --	63F301000
		FOGLIO 5 di 10	



- AP1 Electronic board CPU
- F2 6.3Amps fuse +24Vaux on board CPU – AP1
- SBE-LD1 Emergency switch + diagnostic LED
- SQ4 Right barrier mechanical stop 90° safety position
- SQ5 Microswitch to enable left barrier at the upper floor
- SQ9a-b Anti-collision microswitch on the left side of the back
- SQ9c Anti-collision microswitch on the left ramp
- SQ9d Anti-collision limit switch – left side of the motor carriage
- SQ10a Anti-collision microswitch – bottom side of the back
- SQ10b...e Anti-collision limit switch in the platform
- SQ10f Anti-collision microswitch – bottom side of the back
- SQ11a-b Anti-collision microswitch on the right side of the back
- SQ11c Anti-collision microswitch on the right ramp
- SQ11d Anti-collision limit switch – right side of the motor carriage
- SQ12 Check platform limit switch: open or close

- SQ15 Limit switch for frontal access in safety position: vertical
- SQ19 Over limit switch
- SQ21 Parachute limit switch
- X7 Connector on board CPU – AP1
- X8 Connector on board CPU – AP1

Electric wiring for straight stair lift Logic		GRUPPO Imp.Elettrico	<b>extrima®</b>
Right installation		DATA 15/10/10	
		DISEGNATO M.I.	63F301000
		SCALA --	
		FOGLIO 6 di 10	



LEFT HAND CONFIGURATION

19 → (-) BK

BK (-) → 40

- AP1 Electronic board CPU
- AP4 Electronic board for floor control receiver (option)
- SB90 Raise pushbutton on board
- SB91 Descent pushbutton on board
- SQ1 Microswitch right barrier low - R
- SQ2 Microswitch right barrier high - R
- SQ4 Right barrier mechanical stop 90° safety position
- SQ5 Left barrier mechanical stop 90° safety position
- SQ7 microswitch left barrier high - L
- SQ8 microswitch left barrier low - L
- SQ18 Upper floor limit switch: left installation
- SQ20 Lower floor limit switch: left installation
- X1 Connector on electronic board CPU - AP1
- X2 Connector on electronic board CPU - AP1
- XO Wonder lead control connector

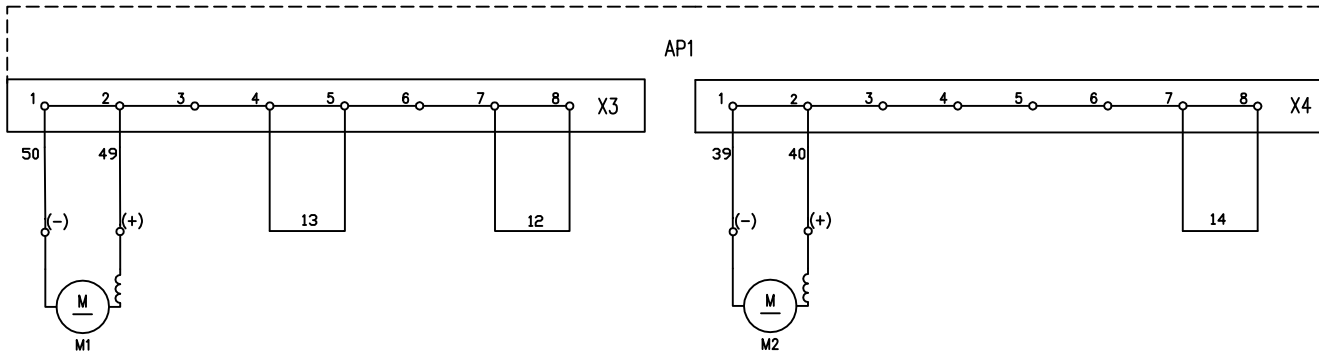
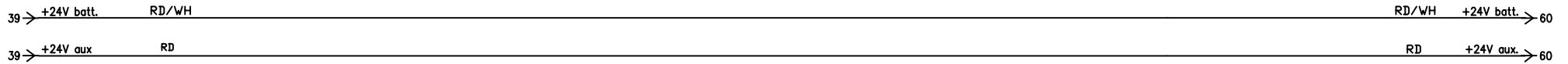
- CCL Closing platform
- CDO Descent of the stair lift
- COP Opening platform
- CUP Raise of the stair lift

Electric wiring for straight stair lift Logic  
Left installation

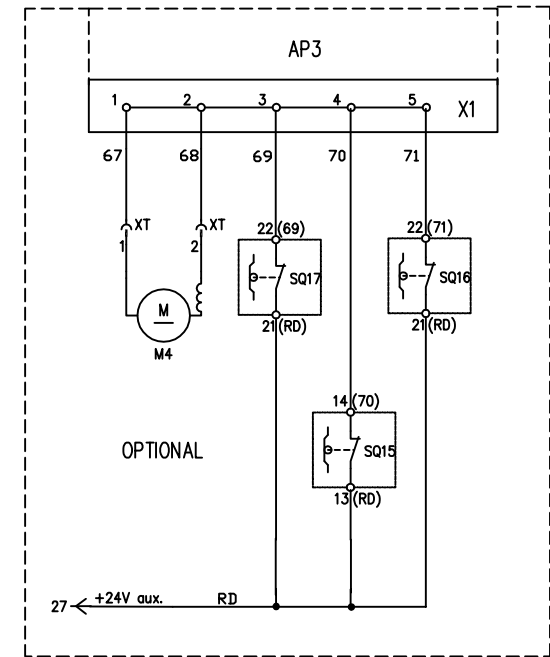
GRUPPO  
Imp. Elettrico  
DATA  
15/10/10  
DISEGNATO  
M.I.  
SCALA  
FOGLIO  
7 di 10

**extréma**<sup>®</sup>

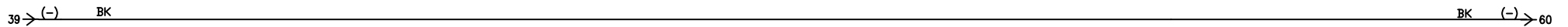
CODICE  
63F301000



LEFT HAND CONFIGURATION



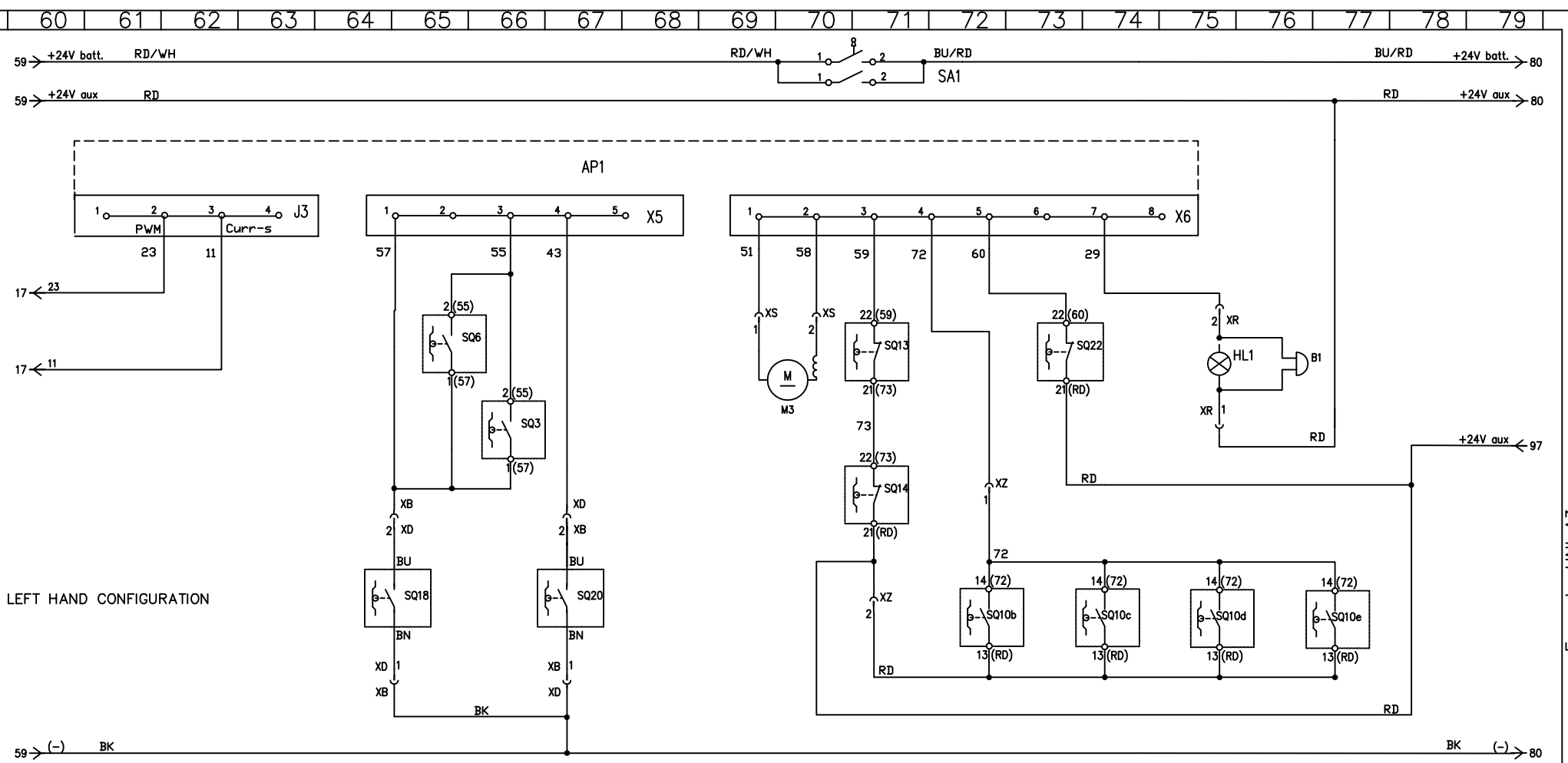
OPTIONAL



- AP1 Electronic board CPU
- AP3 Frontal access electronic board (option)
- M1 Right barrier motor
- M2 Left barrier motor
- M4 Frontal access ramp motor
- SQ15 Limit switch for frontal access in safety position: vertical
- SQ16 Limit switch for frontal access completely open
- SQ17 Limit switch for frontal access completely closed
- X1 Connector on electronic board for frontal access AP3 (option)
- X3 Connector on electronic board CPU - AP1
- X4 Connector on electronic board CPU - AP1

Electric wiring for straight stair lift Logic	GRUPPO Imp.Elettrico	<b>extréma</b> <sup>®</sup>
Left installation	DATA 15/10/10	
	DISEGNATO M.I.	CODICE 63F301000
	SCALA --	
	FOGLIO 8 di 10	



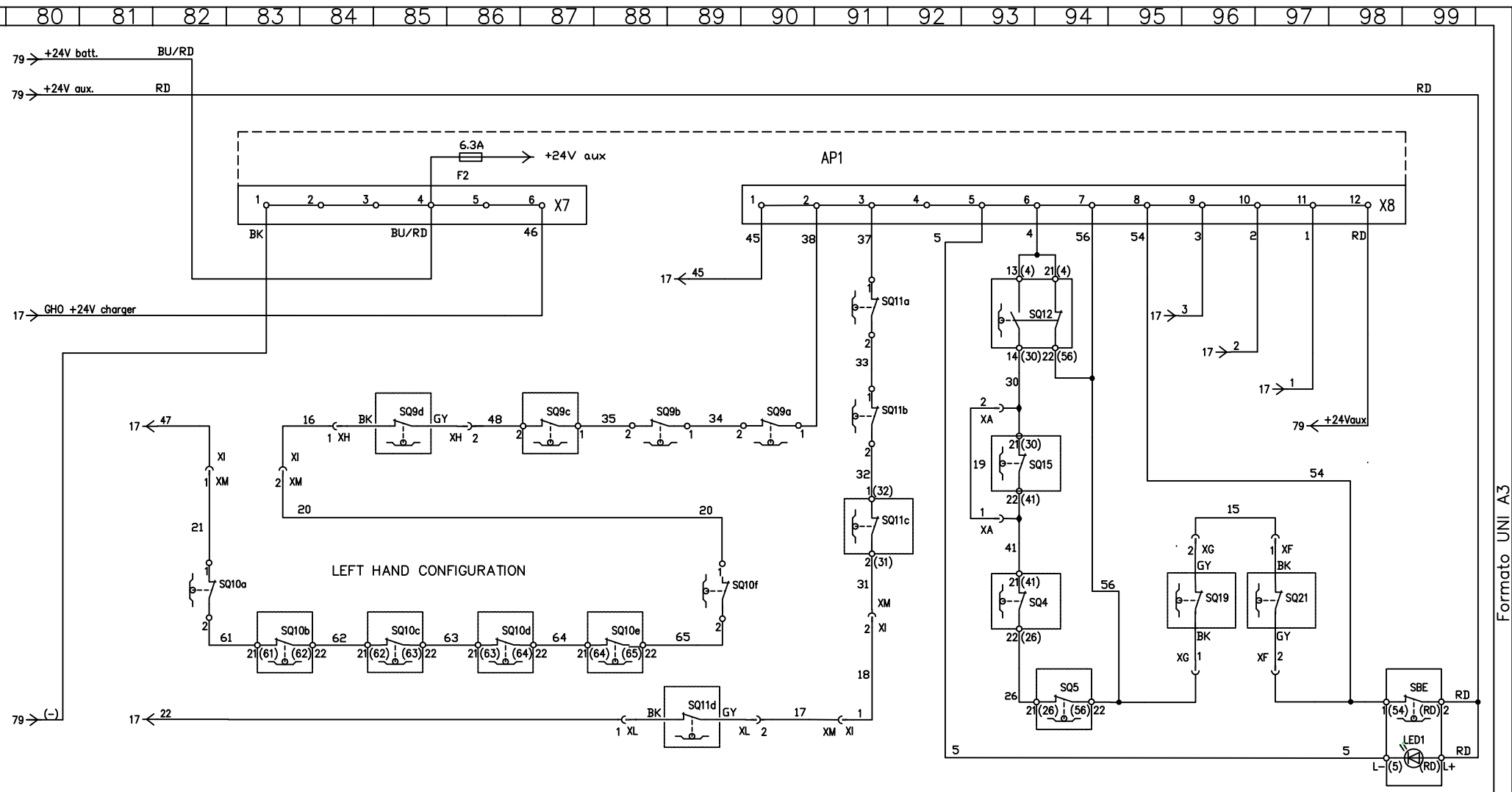


59 → +24V batt. RD/WH → 80 BU/RD +24V batt. → 80  
 59 → +24V aux RD → 80 RD +24V aux → 80  
 17 ← 23  
 17 ← 11  
 59 → (-) BK → 80 BK (-) → 80

- AP1 Electronic board CPU
- HL1-B1 Buzzer and flashing light (option)
- J3 Connector on board CPU - AP1
- M3 Platform motor
- SA1 Key switch
- SQ3 Microswitch to enable left barrier at the upper floor
- SQ6 Microswitch to enable right barrier at the upper floor
- SQ10b...e Anti-collision limit switch in the platform
- SQ13 Limit switch for platform completely closed
- SQ14 Limit switch for platform completely open
- SQ18 Lower floor limit switch: right installation
- SQ20 Upper floor limit switch: right installation
- SQ22 Limit switch platform at 45°
- X5 Connector on board CPU - AP1
- X6 Connector on board CPU - AP1

Electric wiring for straight stair lift Logic  
 Left installation

GRUPPO Imp. Elettrico	<b>extrima</b> <sup>®</sup>
DATA 15/10/10	
DISEGNATO M.I.	CODICE
SCALA --	63F301000
FOGLIO 9 di 10	



- AP1 Electronic board CPU
- F2 6.3Amps fuse +24Vaux on board CPU – AP1
- SBE-LD1 Emergency switch + diagnostic LED
- SQ4 Right barrier mechanical stop 90° safety position
- SQ5 Microswitch to enable left barrier at the upper floor
- SQ9a-b Anti-collision microswitch on the left side of the back
- SQ9c Anti-collision microswitch on the left ramp
- SQ9d Anti-collision limit switch – left side of the motor carriage
- SQ10a Anti-collision microswitch – bottom side of the back
- SQ10b...e Anti-collision limit switch in the platform
- SQ10f Anti-collision microswitch – bottom side of the back
- SQ11a-b Anti-collision microswitch on the right side of the back
- SQ11c Anti-collision microswitch on the right ramp
- SQ11d Anti-collision limit switch – right side of the motor carriage
- SQ12 Check platform limit switch: open or close

- SQ15 Limit switch for frontal access in safety position: vertical
- SQ19 Over limit switch
- SQ21 Parachute limit switch
- X7 Connector on board CPU – AP1
- X8 Connector on board CPU – AP1

Electric wiring for straight stair lift Logic	GRUPPO Imp.Elettrico	<b>extrima</b> <sup>®</sup>
Left installation	DATA 15/10/10	
	DISEGNATO M.I.	CODICE
	SCALA --	
	FOGLIO 10 di 10	63F301000