

Company / customer		Inteva Products Salonta, S.R.L.	
Project description		Ultrasonic bonding station	
Job number		N18-1103	
Manufacturer (company)		BK Technic s.r.o	
Project name		N18-1103	
Make		400V AC	
Make		50 Hz	
Make		24 V DC	
Make		8,4 kW	
Make		2019	
Place of installation			
Created on		22.07.2019	
Edit date		24.07.2019	
		by (short name) Rostislav Lariš	
		Number of pages	
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=TER+RM1/21	PLC-A2-INPUT		22.07.2019	rlaris	
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=TER+RM1/23	PLC-A2-OUTPUT		22.07.2019	rlaris	
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Parts list

Device tag	Quantity	Designation	Type number	Supplier	Part number
	1	ET 200SP, IM155-6PN ST INCL. BA 2XRJ45	6ES7155-6AA01-0BN0	SIEMENS	SIE.6ES7155-6AA01-0BN0
=TER+RM1-A1	1	CPU 1214C, DC/DC/DC	6ES7214-1AG40-0XB0	SIEMENS	SIE.6ES7214-1AG40-0XB0
=TER+RM1-A2	1	SM 1223, 16DI/16DO	6ES7223-1BL32-0XB0	SIEMENS	SIE.6ES7223-1BL32-0XB0
=TER+RM1-A3	1	SM 1223, 16DI/16DO	6ES7223-1BL32-0XB0	SIEMENS	SIE.6ES7223-1BL32-0XB0
=TER+RM1-AS1	1	Safety Relay UE43-2MF	UE43-2MF3D2	SICK	SICK.6024894
=TER+RM1-AS2	1	SAFETY RELAY	SICK-UE10-30S2DO	SICK	SICK-UE10-30S2DO
=TER+RM1-AS3	1	SAFETY RELAY	SICK-UE10-30S2DO	SICK	SICK-UE10-30S2DO
=TER+RM1-AS4	1	Bezpečnostní relé	UE43-2MF3D2	SICK	SICK-UE43-2MF3D2
=TER+RM1-EC1	1	Filter fan	FKL.6623.024	Vogel	FKL.6623.024
=TER+RM1-EC1	1	Filter fan	FKL.6623.300	Vogel	FKL.6623.300
=TER+RM1-EN1	1	Encoder	DFS60E-THEC02048	SICK	SICK.1058154
=TER+RM1-EP0	1	Solenoid (N1 coil)	MSN1G-24DC-OD	FESTO	FES.123060
=TER+RM1-ES1	1	Push Button Head RED Trigger Action	ZB5AS844	Schneider Electric	SE.ZB5AS844
=TER+RM1-ES1	2	CONTACT BLOCK, 1NC, 6A, SCREW/CLAMP	ZBE102	Schneider Electric	SE.ZBE102
=TER+RM1-FA1	1	Miniature circuit breaker iC60N, 1P, 6A, C	A9F07106	Schneider Electric	SE.A9F07106
=TER+RM1-FA2	1	Miniature circuit breaker iC60N, 1P, 6A, B	A9F06106	Schneider Electric	SE.A9F06106
=TER+RM1-FA3	1	JISTIČ iC60H, C10A/1P	A9F07110	Schneider Electric	SE.A9F07110
=TER+RM1-FA4	1	JISTIČ iC60H, C10A/1P	A9F07110	Schneider Electric	SE.A9F07110
=TER+RM1-FA5	1	JISTIČ iC60H, C10A/1P	A9F07110	Schneider Electric	SE.A9F07110
=TER+RM1-FA6	1	Miniature circuit breaker iC60N, 1P, 16A, C	A9F07116	Schneider Electric	SE.A9F07116
=TER+RM1-FA7	1	Miniature circuit breaker iC60N, 1P, 16A, C	A9F07116	Schneider Electric	SE.A9F07116
=TER+RM1-FA10	1	Miniature circuit breaker iC60N, 1P, 10A, B	A9F06110	Schneider Electric	SE.A9F06110
=TER+RM1-FA11	1	Miniature circuit breaker iC60N, 1P, 6A, B	A9F06106	Schneider Electric	SE.A9F06106
=TER+RM1-FA12	1	Miniature circuit breaker iC60N, 1P, 6A, C	A9F07106	Schneider Electric	SE.A9F07106
=TER+RM1-FD1	1	Miniature circuit breaker iC60N, 1P, 10A, B	A9F06110	Schneider Electric	SE.A9F06110
=TER+RM1-FU1	1	POJISTKOVÝ BLOK 4x KANÁL 4-6-8-10A/24VDC	85363010	MURR	MURR.MICO 85363010
=TER+RM1-G1_B	1	Sonotrode Article SonoTi30L1/2MS200/36/16	4.004.474	HERRMANN	HERR.4.004.474
=TER+RM1-G2_B	1	Sonotrode Article SonoTi30L1/2MS200/36/16	4.004.474	HERRMANN	HERR.4.004.474
=TER+RM1-GF1	1	Servodriver	LXM32MD18M2	Schneider Electric	SE.LXM32MD18M2
=TER+RM1-GF1	1	ProfiNet modul	VW3M3308	Schneider Electric	SE.VW3M3308
=TER+RM1-GF2	1	Servodriver	LXM32MD18M2	Schneider Electric	SE.LXM32MD18M2
=TER+RM1-GF2	1	ProfiNet modul	VW3M3308	Schneider Electric	SE.VW3M3308
=TER+RM1-GF3	1	Servodriver	LXM32MD18M2	Schneider Electric	SE.LXM32MD18M2
=TER+RM1-GF3	1	ProfiNet modul	VW3M3308	Schneider Electric	SE.VW3M3308
=TER+RM1-GU1	1	Power supply, switch-mode power supply unit	PRO ECO 240W 24V 10A	Weidmüller	WEI.1469490000
=TER+RM1-H2	1	BODY/CONTACT FIXING COLLAR	ZB5AZ009	Schneider Electric	SE.ZB5AZ009
=TER+RM1-H2	1	LED 24VAC/DC white	ZBVB1	Schneider Electric	SE.ZBVB1
=TER+RM1-HMI1	1	KTP700 Basic PN	6AV2 123-2GB03-0AX0	SIDAT	SIE.6AV2123-2GB03-0AX0
=TER+RM1-KM1	1	contactor TeSys LP1-K - 3P - AC-3 440V 12A	LP1K1201BD	Schneider Electric	SE.LP1K1201BD
=TER+RM1-KM2	1	Contactore TeSys LP1-K - 3P, AC-3 440V 6A	LP1K0601BD3	Schneider Electric	SE.LP1K0601BD3
=TER+RM1-KM3	1	contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD	Schneider Electric	SE.LP1K0601BD
=TER+RM1-KM4	1	contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD	Schneider Electric	SE.LP1K0601BD
=TER+RM1-KM5	1	contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD	Schneider Electric	SE.LP1K0601BD
=TER+RM1-KM6	1	contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD	Schneider Electric	SE.LP1K0601BD
=TER+RM1-KR1	1	Cabinet with one hole	XALD01	Schneider Electric	SE.XALD01
=TER+RM1-KR1-S4	1	pushbutton head for Harmony XB5 green LED	ZB5AW333	Schneider Electric	SE.ZB5AW333
=TER+RM1-KR1-S4	1	single contact block for use with XB5 Ø 22mm control, signalling units	ZENL1111	Schneider Electric	SE.ZENL1111
=TER+RM1-KR1-S4	1	LED Light Block for 22mm pushbutton head green	ZALVB3	Schneider Electric	SE.ZALVB3
=TER+RM1-KR1-S4	1	Cabinet with one hole	XALD01	Schneider Electric	SE.XALD01
=TER+RM1-KS3	1	Relé 24VDC 2CO	WEIDM 8881610000	WEI	WEI.RCIKIT 24VDC 2CO
=TER+RM1-M1	1	Servomotor, příruba 100 mm, s brzdou	BMH1001P06F1A	Schneider Electric	SE.BMH1001P06F1A
=TER+RM1-M2	1	Servomotor, příruba 100 mm, s brzdou	BMH1001P06F1A	Schneider Electric	SE.BMH1001P06F1A
=TER+RM1-M3	1	Servomotor PMSM, příruba 70 mm IEC 1,4 N	BMH0701T06A1A	Schneider Electric	

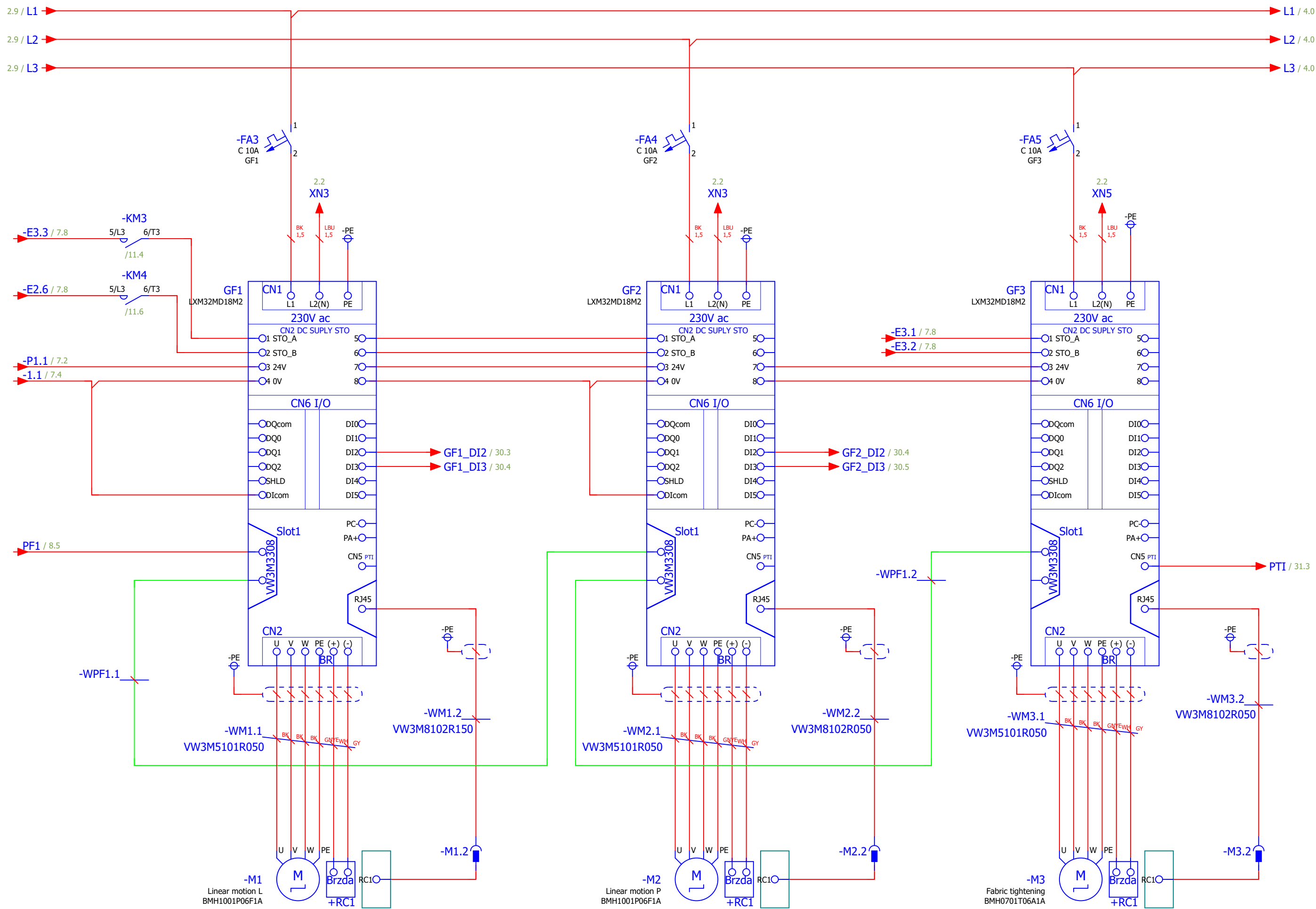
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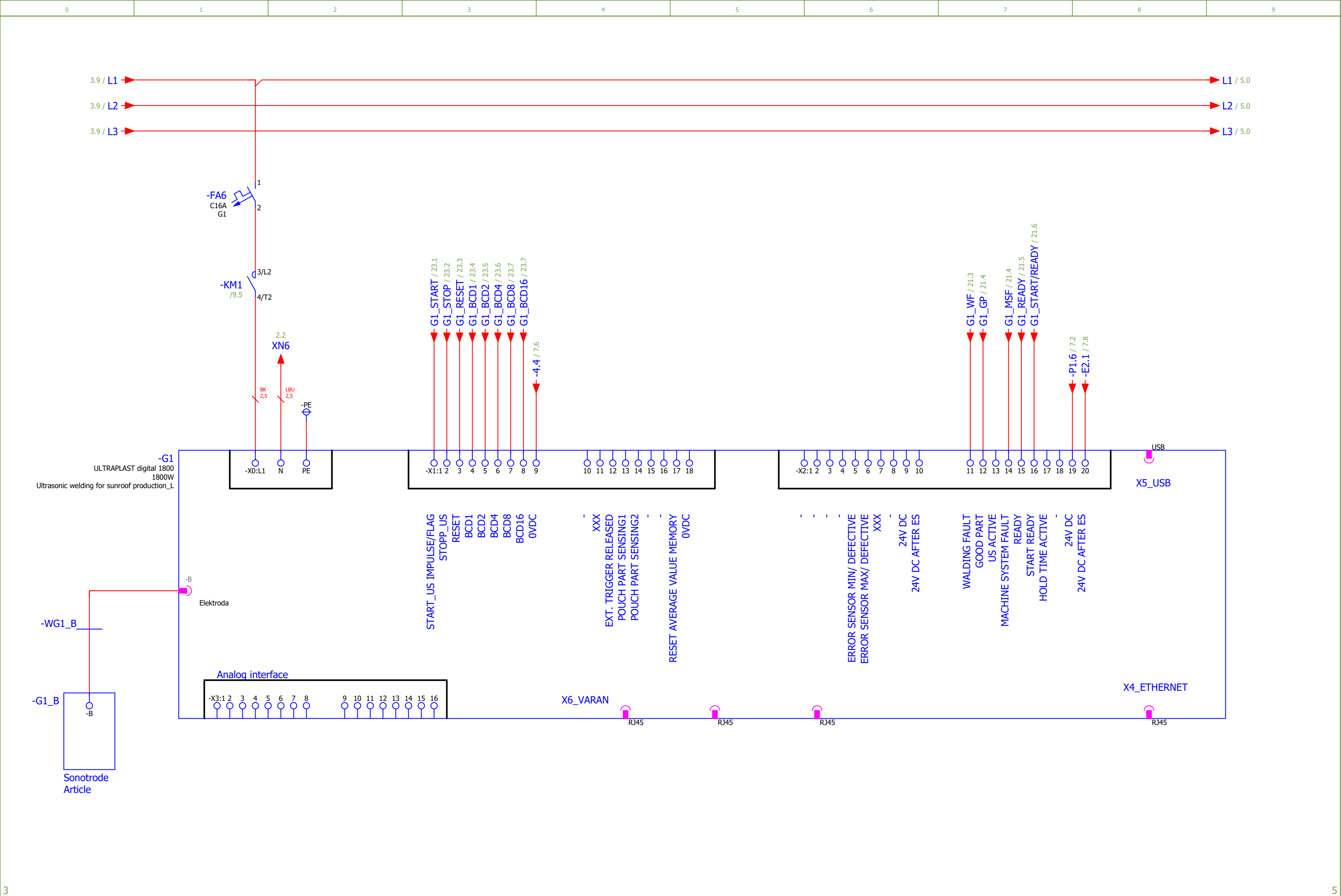
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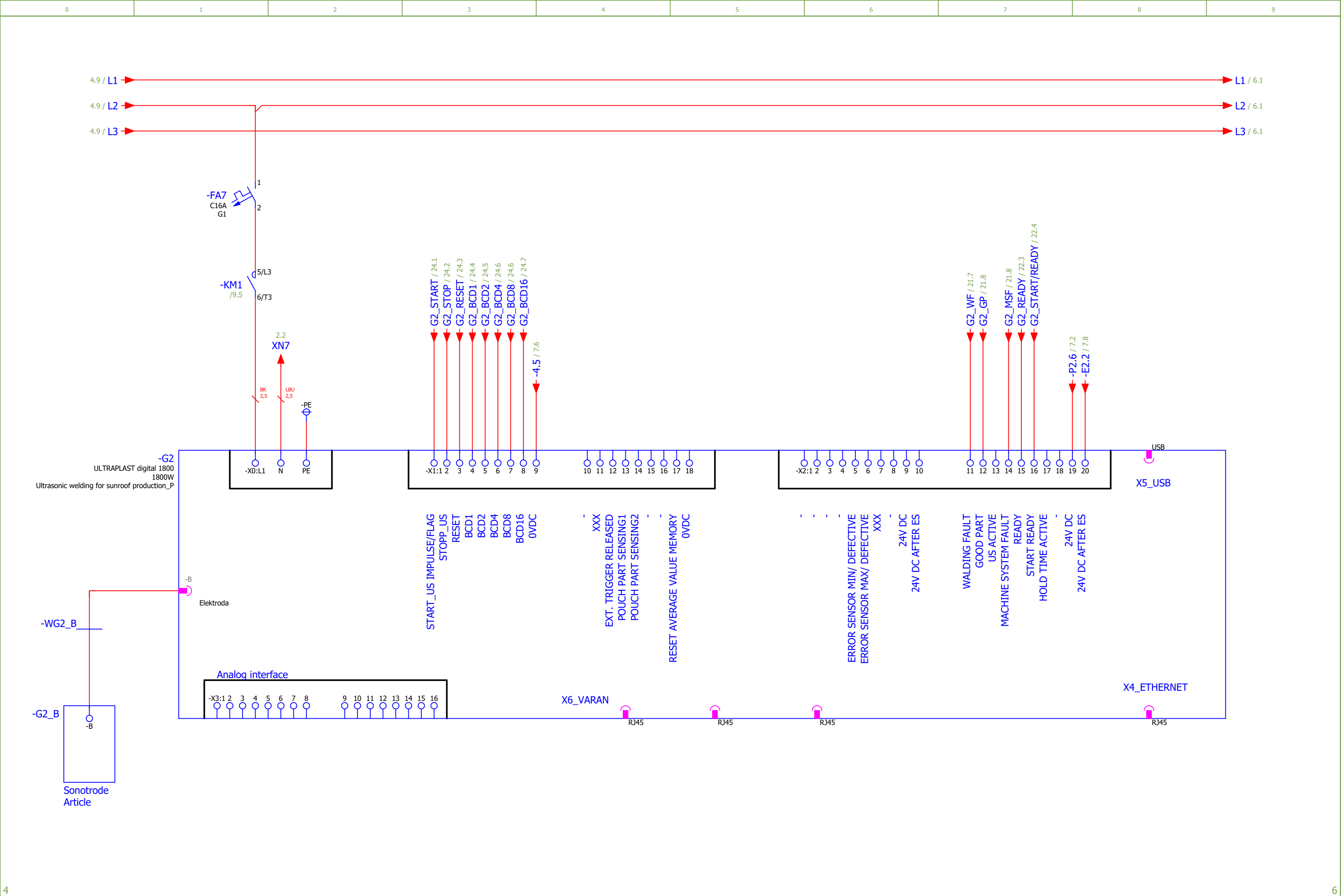
Device tag	Quantity	Designation	Type number	Supplier	Part number
=TER+RM1-Q1	1	The main switch-cover contacts	OTS40T3	ABB	ABB.OTS40T3
=TER+RM1-Q1	1	The main switch-N-terminal	OTPS40FPN1	ABB	ABB.OTPS40FPN1
=TER+RM1-S2	1	Push Button Head WHITE Spring Return	ZB5AW313	Schneider Electric	SE.ZB5AW313
=TER+RM1-S2	1	Contact Block 1NO Screw terminal	ZBE101	Schneider Electric	SE.ZBE101
=TER+RM1-S3	1	XB5 Series Non-Illuminated Key Switches	ZB5AG2	Schneider Electric	SE.ZB5AG2
=TER+RM1-SCR1	1	Safety-scanner	S30B-3010BA	SICK	SICK.S30B-3010BA
=TER+RM1-SCR2	1	Safety-scanner	S30B-3010BA	SICK	SICK.S30B-3010BA
=TER+RM1-SM1	1	Magnetický bezpečnostní spínač	RE13-SAC	SICK	SICK.RE13-SAC
=TER+RM1-SM2	1	Magnetický bezpečnostní spínač	RE13-SAC	SICK	SICK.RE13-SAC
=TER+RM1-SP1	1	Main Air unit	LFR-3/8-D-MIDI-KE	FESTO	Festo.LFR-3/8-D-MIDI-KE
=TER+RM1-ST1	1	Thermostat	ID-EO-TC	Vogel	CON.ID-EO-TC
=TER+RM1-SW1	1	Ethernet switch 5 por.	SWITCH SE20-84X-RJ522	TURCK	TURCK.SWITCH SE20-84X-RJ522
=TER+RIO-A1	1	ET 200SP, IM155-6PN ST INCL. BA 2XRJ45	6ES7155-6AA01-0BN0	SIEMENS	SIE.6ES7155-6AA01-0BN0
=TER+RIO-A2	1	SIMATIC ET 200SP, Digital input module, DI 8x 24V DC Standard	6ES7131-6BF00-0BA0 / 6ES7193-6BP20-0DA0	SIE	SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2D
=TER+RIO-A3	1	SIMATIC ET 200SP, Digital input module, DI 8x 24V DC Standard	6ES7131-6BF00-0BA0 / 6ES7193-6BP20-0BA0	SIEMENS	SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B
=TER+RIO-A4	1	SIMATIC ET 200SP, Digital input module, DI 8x 24V DC Standard	6ES7131-6BF00-0BA0 / 6ES7193-6BP20-0BA0	SIEMENS	SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B
=TER+RIO-A5	1	SIMATIC ET 200SP, Digital input module, DI 8x 24V DC Standard	6ES7131-6BF00-0BA0 / 6ES7193-6BP20-0BA0	SIEMENS	SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B
=TER+RIO-A6	1	SIMATIC ET 200SP, Digital input module, DI 8x 24V DC Standard	6ES7131-6BF00-0BA0 / 6ES7193-6BP20-0BA0	SIEMENS	SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B
=TER+RIO-A7	1	SIMATIC ET 200SP, Digital input module, DI 8x 24V DC Standard	6ES7131-6BF00-0BA0 / 6ES7193-6BP20-0BA0	SIEMENS	SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B
=TER+RIO-A8	1	SIMATIC ET 200SP, Digital input module, DI 8x 24V DC Standard	6ES7131-6BF00-0BA0 / 6ES7193-6BP20-0BA0	SIEMENS	SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B
=TER+RIO-A9	1	SIMATIC ET 200SP, Digital input module, DI 8x 24V DC Standard	6ES7131-6BF00-0BA0 / 6ES7193-6BP20-0BA0	SIEMENS	SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B
=TER+RIO-A10	1	Digital output module DQ 16x24VDC/0.5A ST	6ES7132-6BH00-0BA0 / 6ES7193-6BP20-0DA0	SIEMENS	SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D
=TER+RIO-A11	1	Digital output module DQ 16x24VDC/0.5A ST	6ES7132-6BH00-0BA0 / 6ES7193-6BP20-0DA0	SIEMENS	SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D
=TER+RIO-A12	1	Digital output module DQ 16x24VDC/0.5A ST	6ES7132-6BH00-0BA0 / 6ES7193-6BP20-0DA0	SIEMENS	SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D
=TER+RIO-A13	1	Digital output module DQ 16x24VDC/0.5A ST	6ES7132-6BH00-0BA0 / 6ES7193-6BP20-0DA0	SIEMENS	SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D
=TER+RIO-A14	1	Digital output module DQ 16x24VDC/0.5A ST	6ES7132-6BH00-0BA0 / 6ES7193-6BP20-0DA0	SIEMENS	SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D
=TER+RIO-A15	1	AI 4XU/I 2-WIRE ST / BASEUNIT TYPE A0, BU15-P16+A10+2B	6ES7134-6HD00-0BA1 / 6ES7193-6BP20-0BA0	SIEMENS	SIE.6ES7134-6HD00-0BA1+BU15-P16+A10+2B
=TER+RIO-SE1.1a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.1b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.2a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.2b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.3a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.3b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.4a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.4b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.5a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.5b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.6a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.6b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.7a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.7b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.8a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.8b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.9a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.9b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.10a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE1.10b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.1a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.1b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.2a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.2b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.4a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.4b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.4c	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.4d	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SE2.6a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742

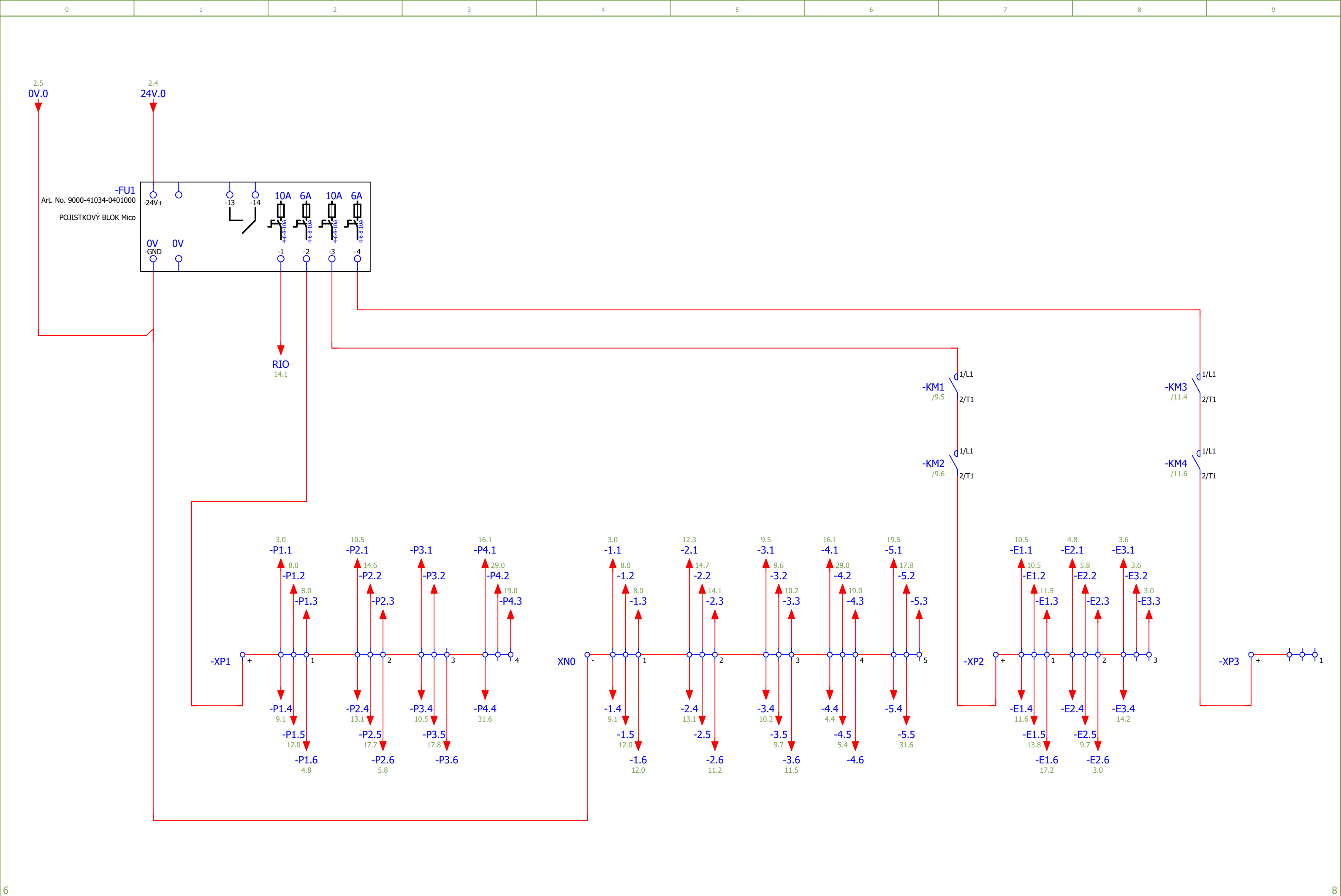
			Date	23.07.2019	EPLAN		BK Technic s.r.o	PARTS LIST			= DOK	
			Ed	rlaris							+ DOK	
			Appr						Ultrasonic bonding station			N18-1103
Modification	Date	Name	Original		Replacement of	Replaced by				Page	6 / 89	

0	1	2	3	4	5	6	7	8	9
<div><div>+RM1</div><div>The main electrical box</div><div>TS8265.500 TS8, švh 1200x1600x500mm</div></div>									
<div><div>=DOK+DOK/4</div><div></div></div>									
			Date	18.06.2018	EPLAN Ultrasonic bonding station	BK Technic s.r.o	FRONT PAGE	= TER	
			Ed	Rosta				+ RM1	
			Appr						
Modification	Date	Name	Original		Replacement of	Replaced by		N18-1103	Page 1 Page 9 / 89

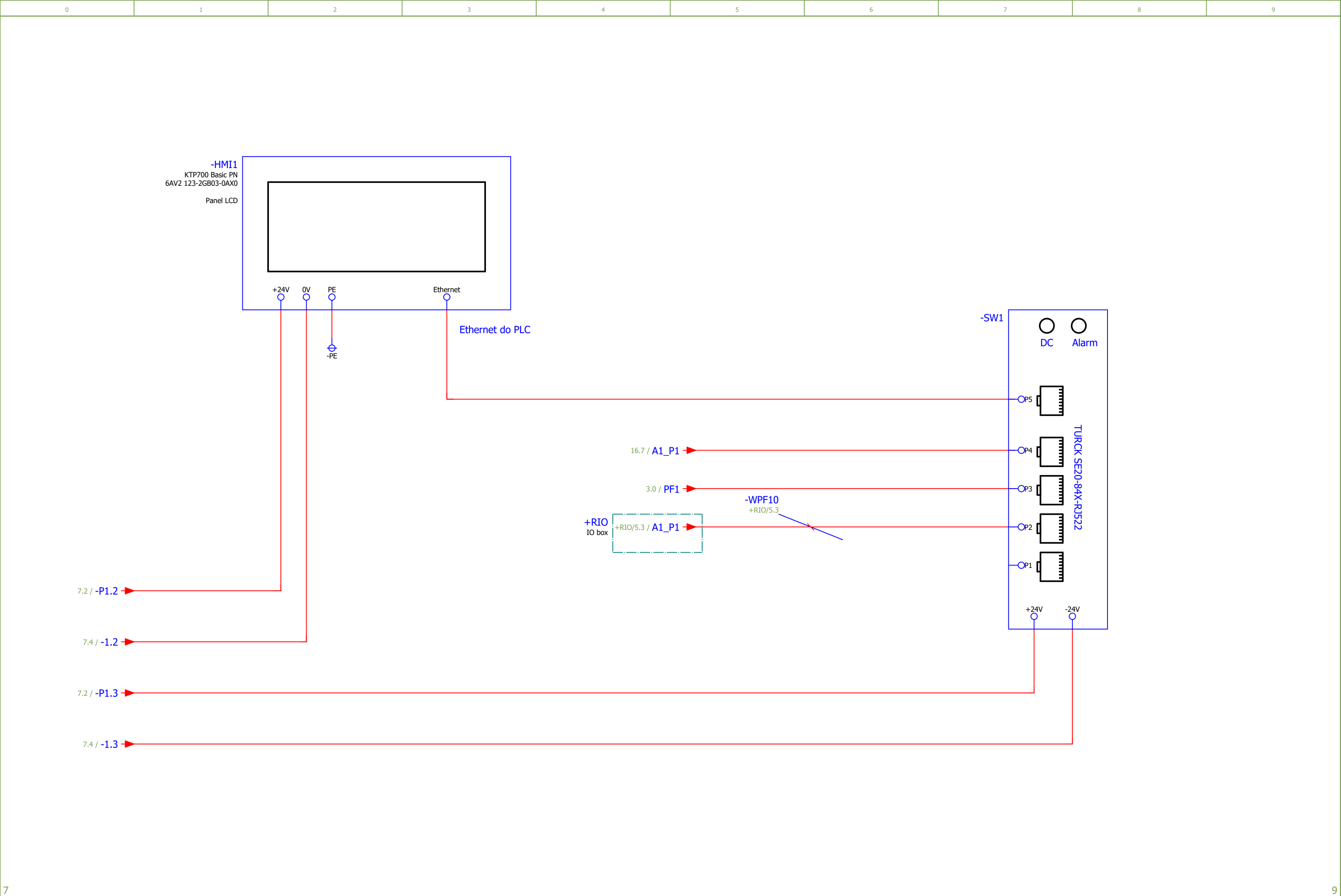


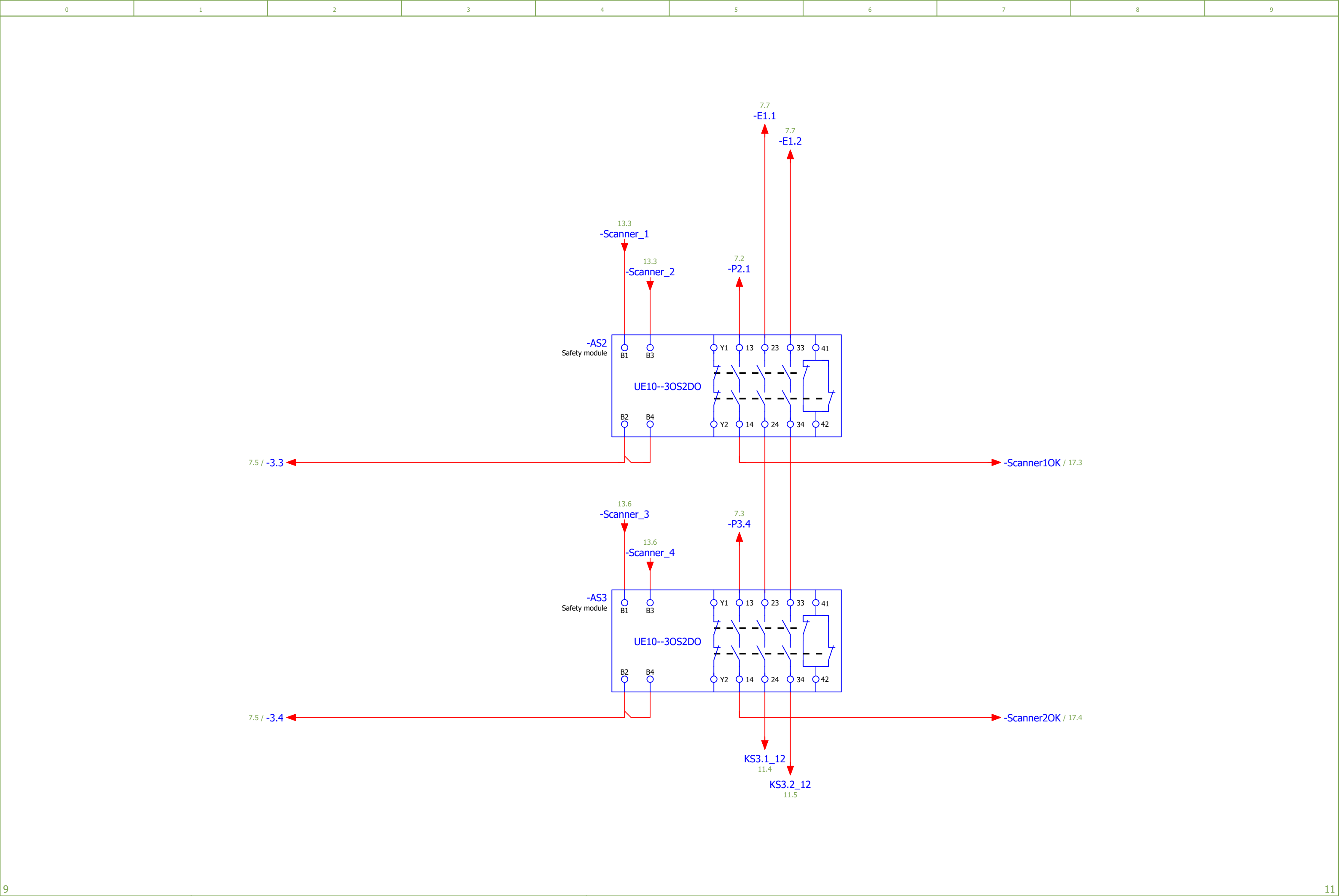


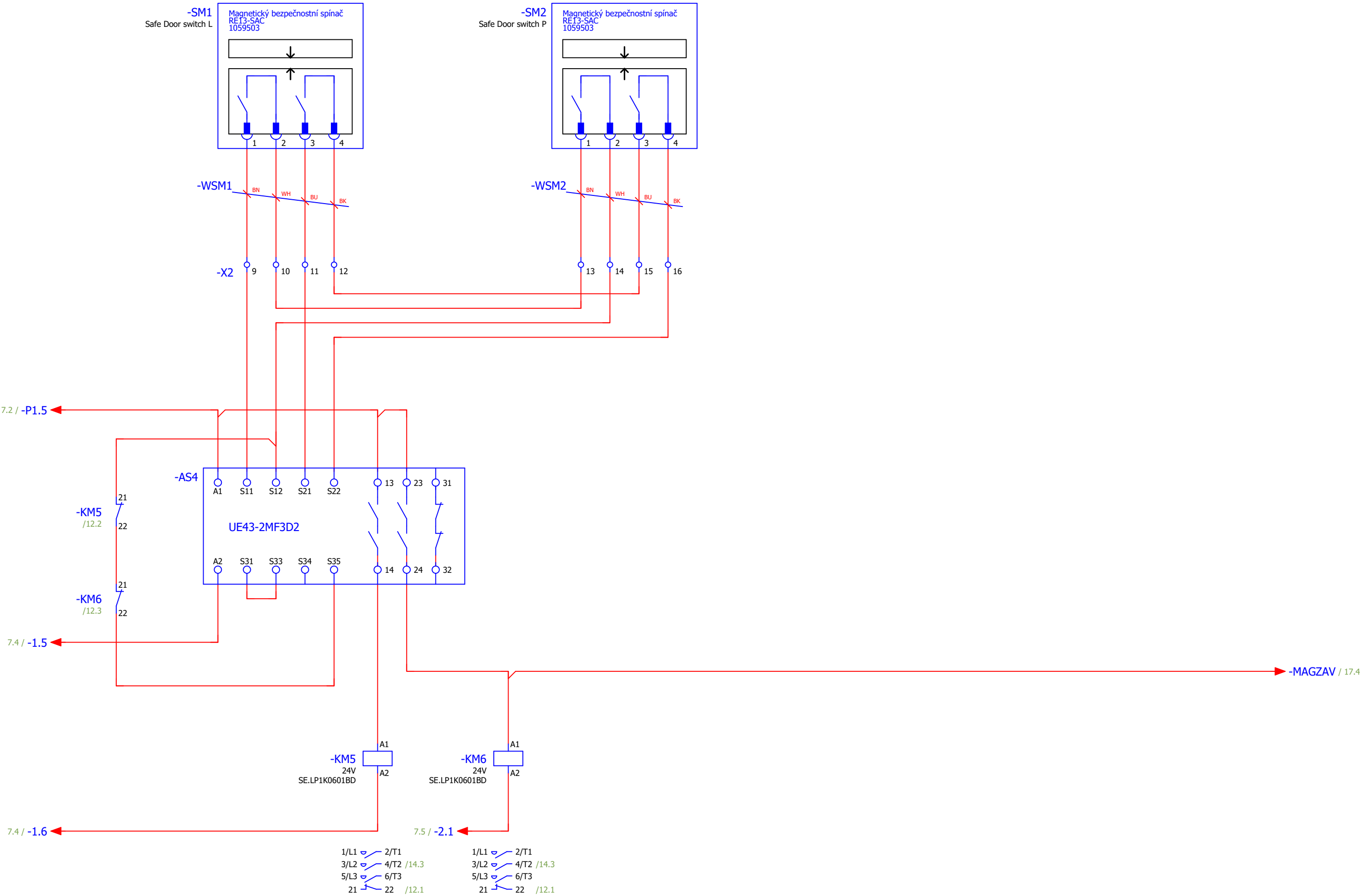




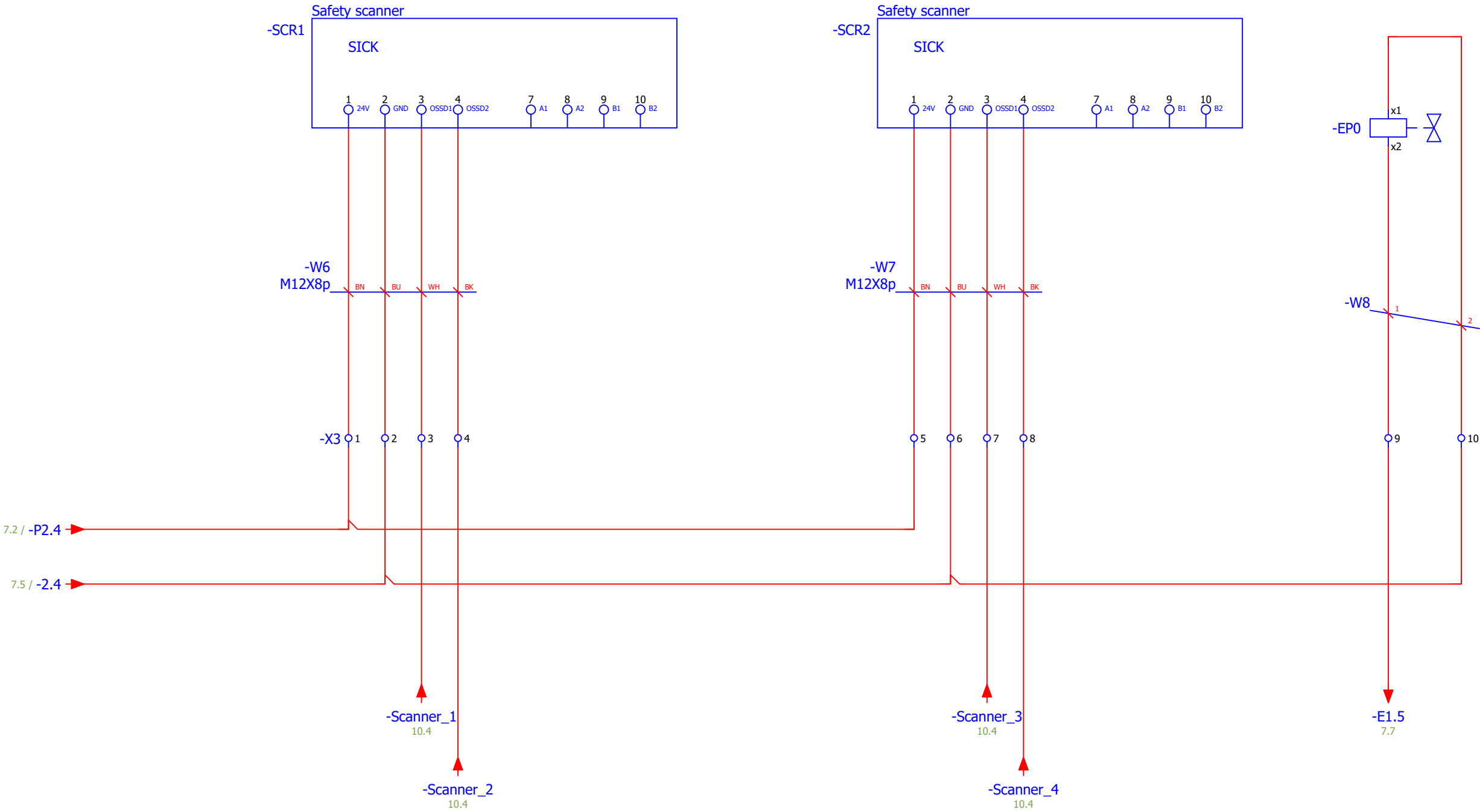
			Date	23.07.2019	EPLAN		BK Technic s.r.o	24V DC			= TER	
			Ed	rlaris							+ RM1	
			Appr						Ultrasonic bonding station			N18-1103
Modification	Date	Name	Original		Replacement of	Replaced by				Page	15 / 89	

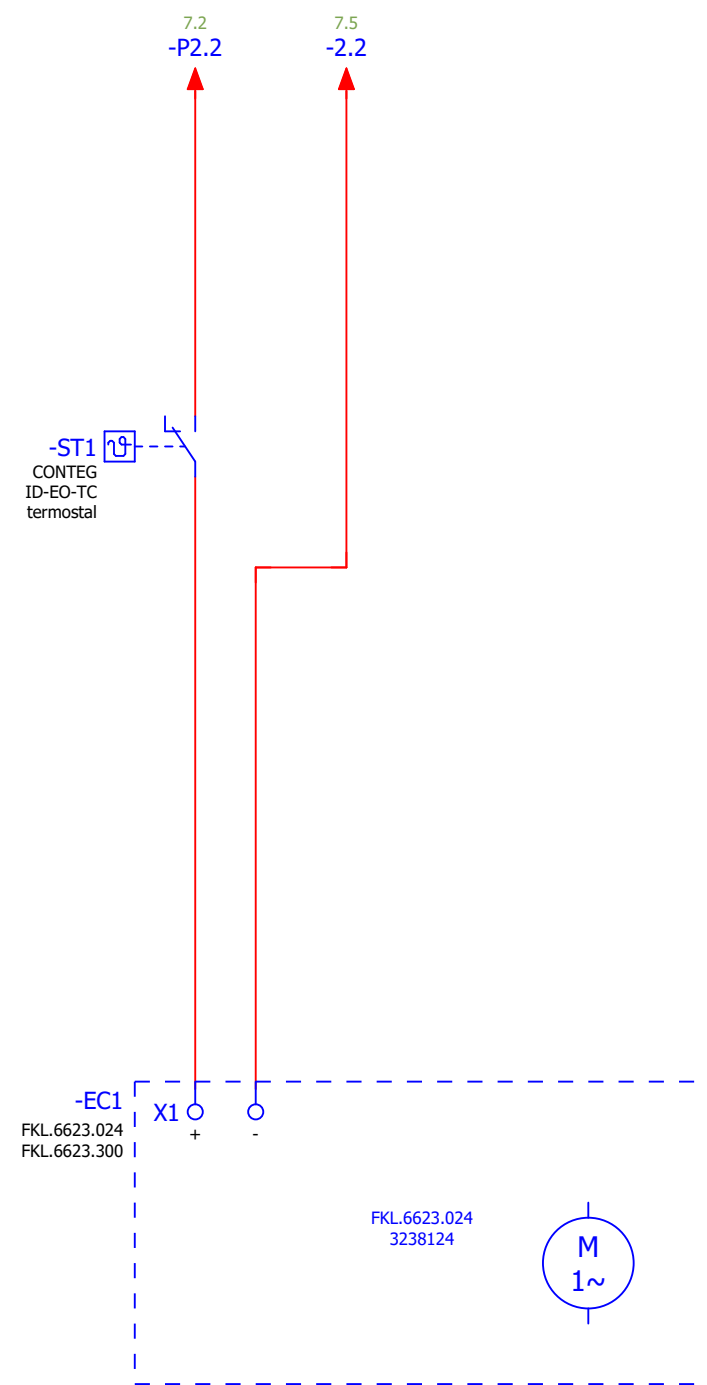
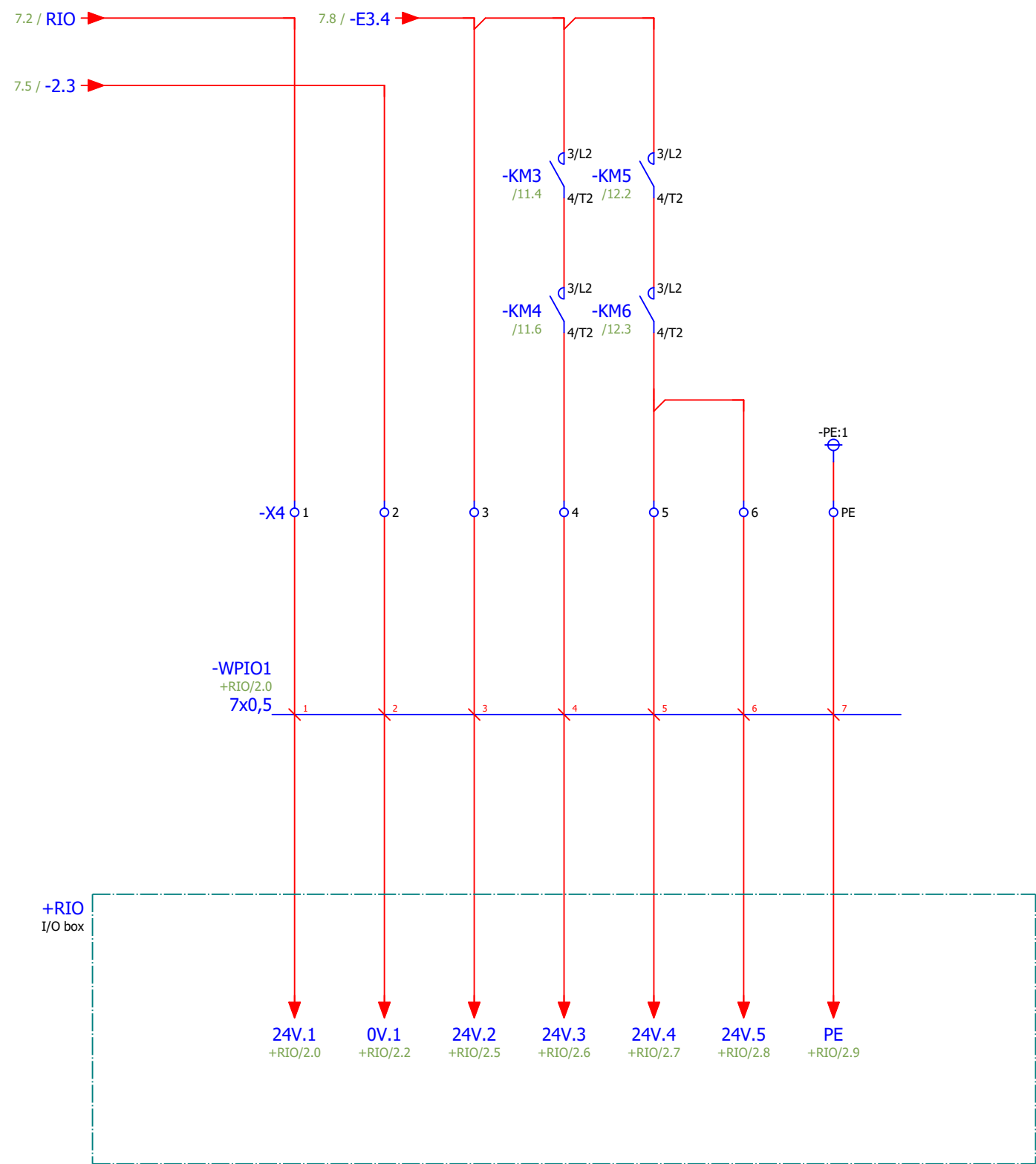


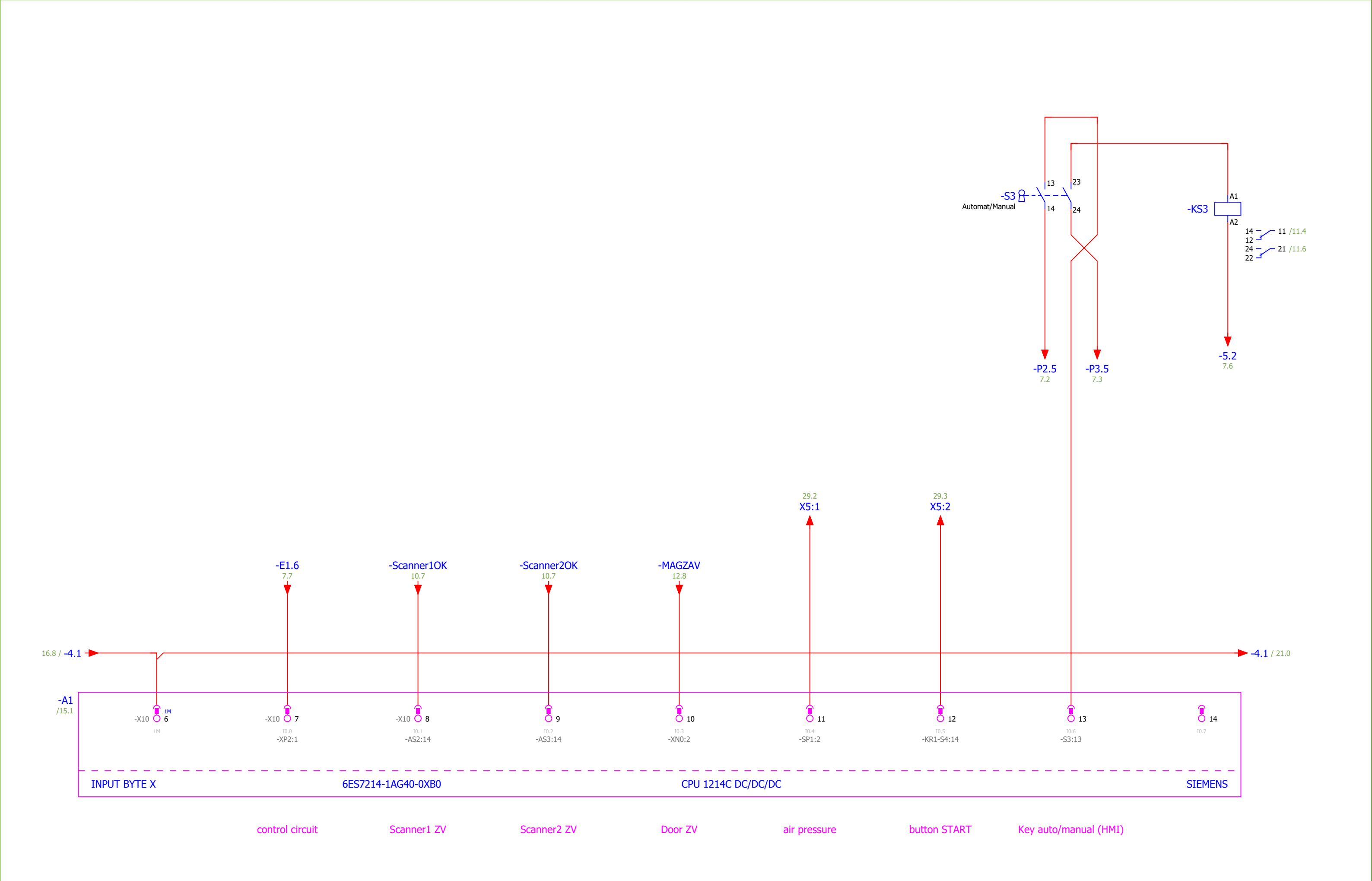


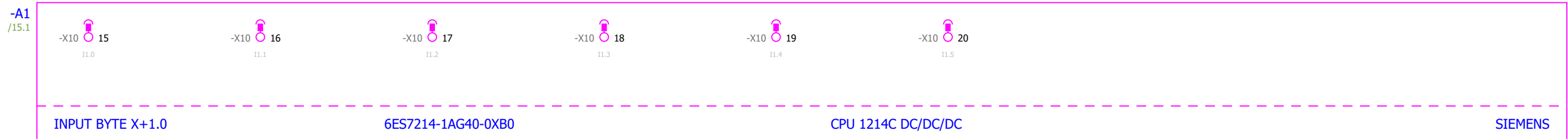


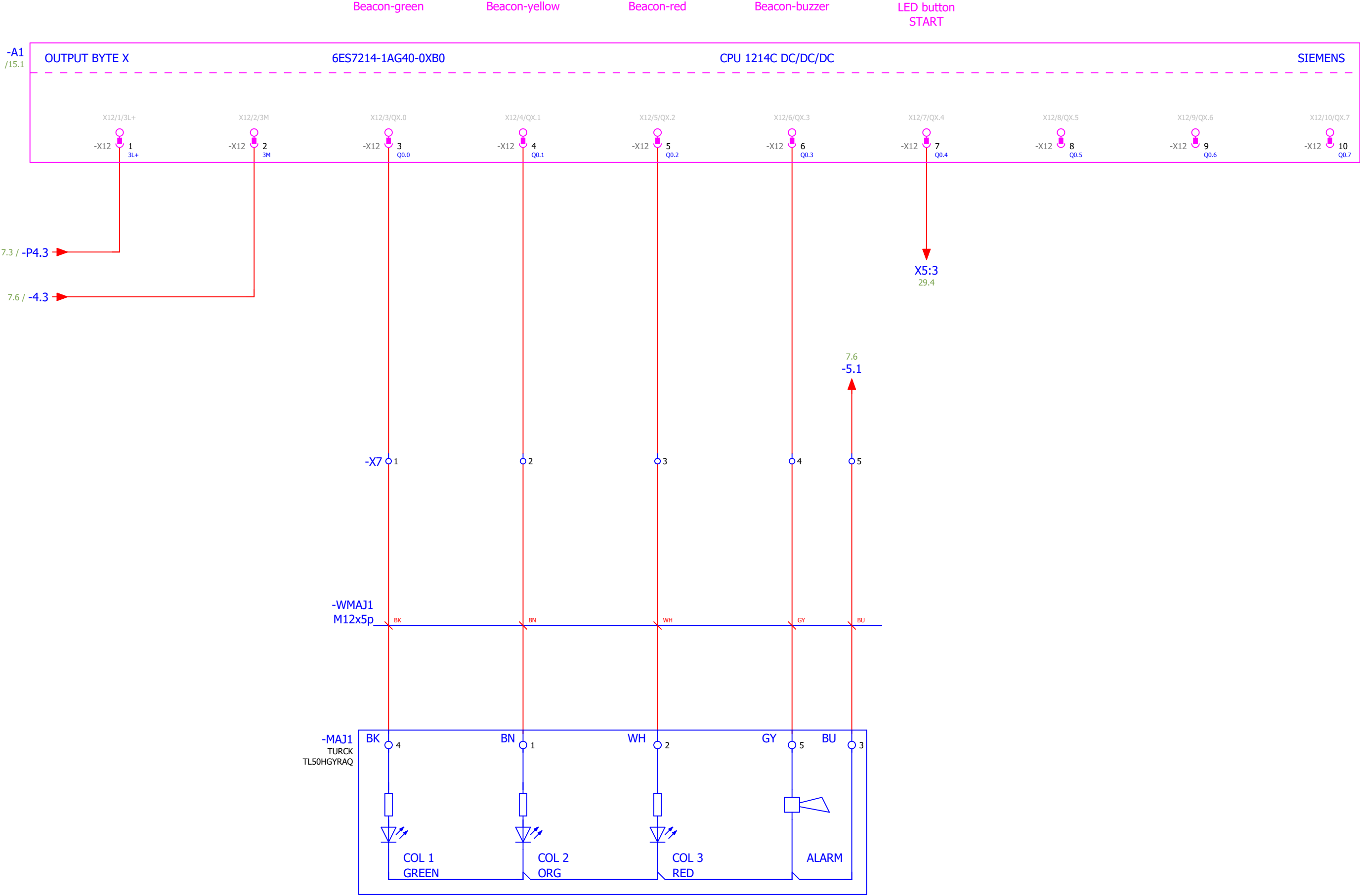
			Date	23.07.2019	EPLAN		BK Technic s.r.o	SAFETY DOOR			= TER	
			Ed	rlaris							+ RM1	
			Appr								Page 12	
Modification	Date	Name	Original		Replacement of	Replaced by				N18-1103		Page 20 / 89



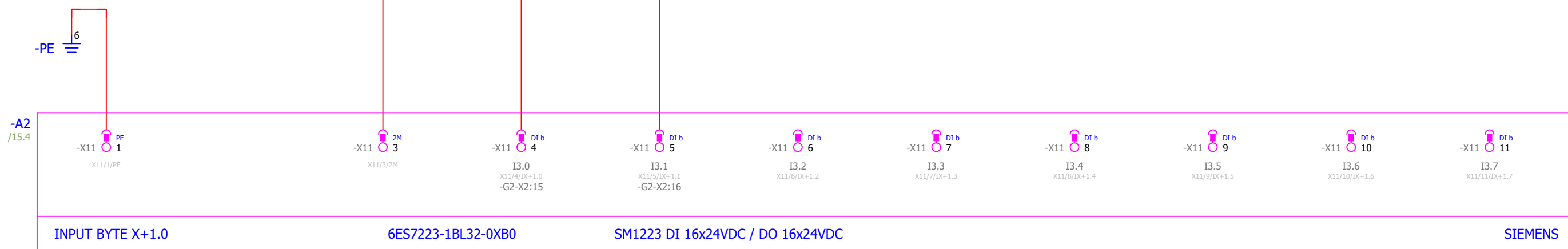












Welding P G2_
READY

Welding P G2_
START READY

Cutting L G3_ WELDING FAULT

Cutting L G3_
GOOD PART

Cutting L G3_
MACHINE SYS. FAULT

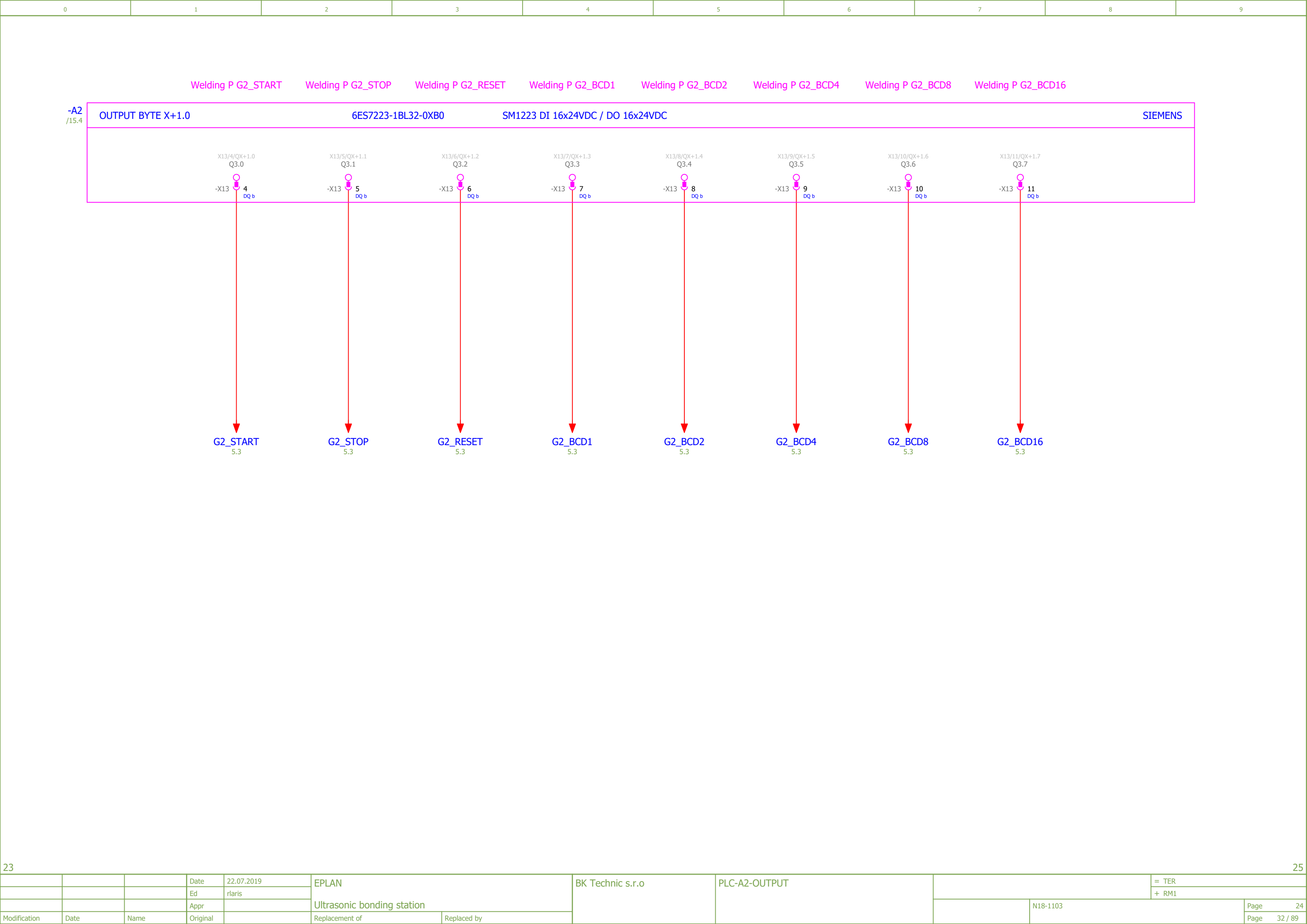
Cutting L G3_
READY

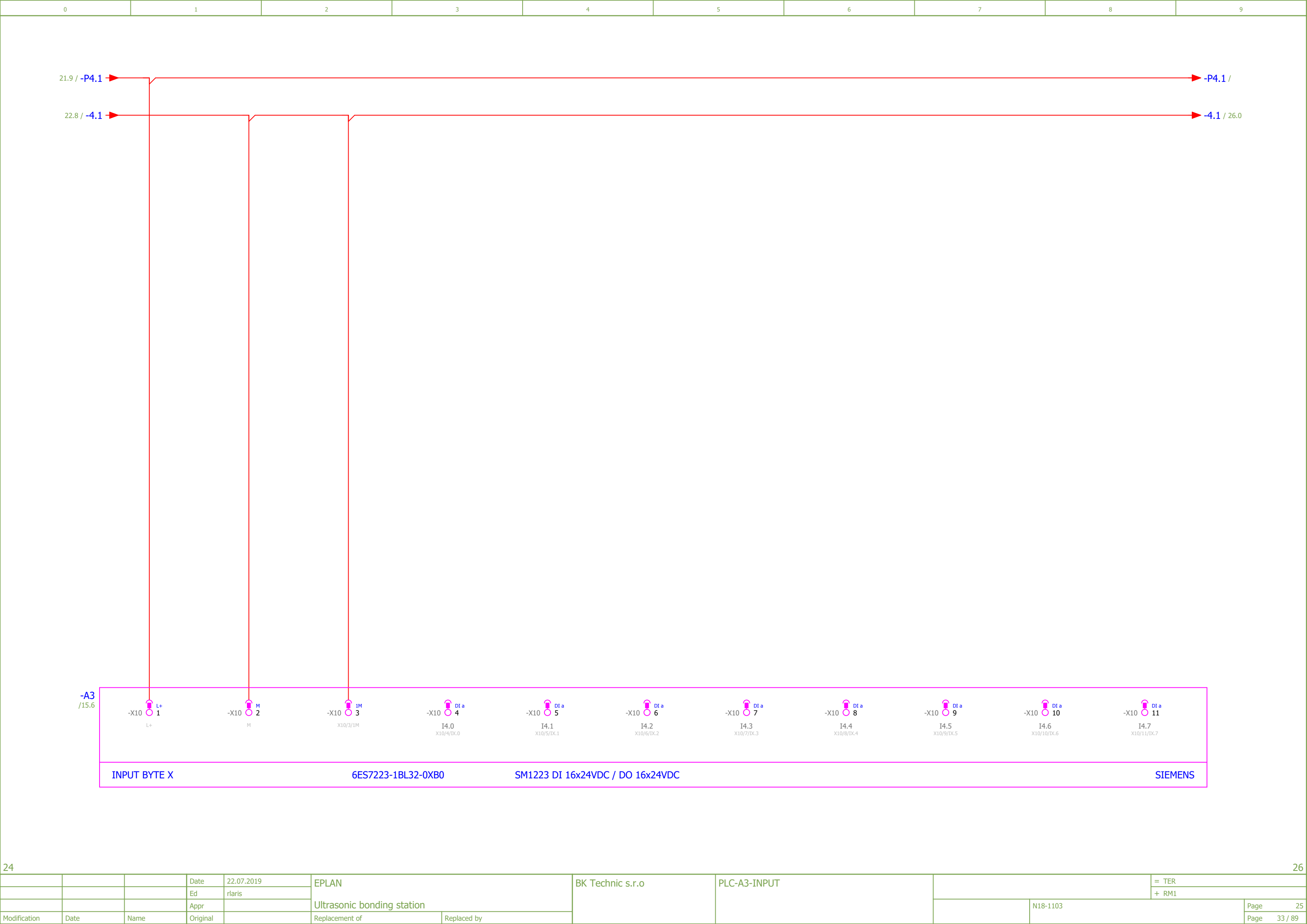
Cutting L G3_
START READY

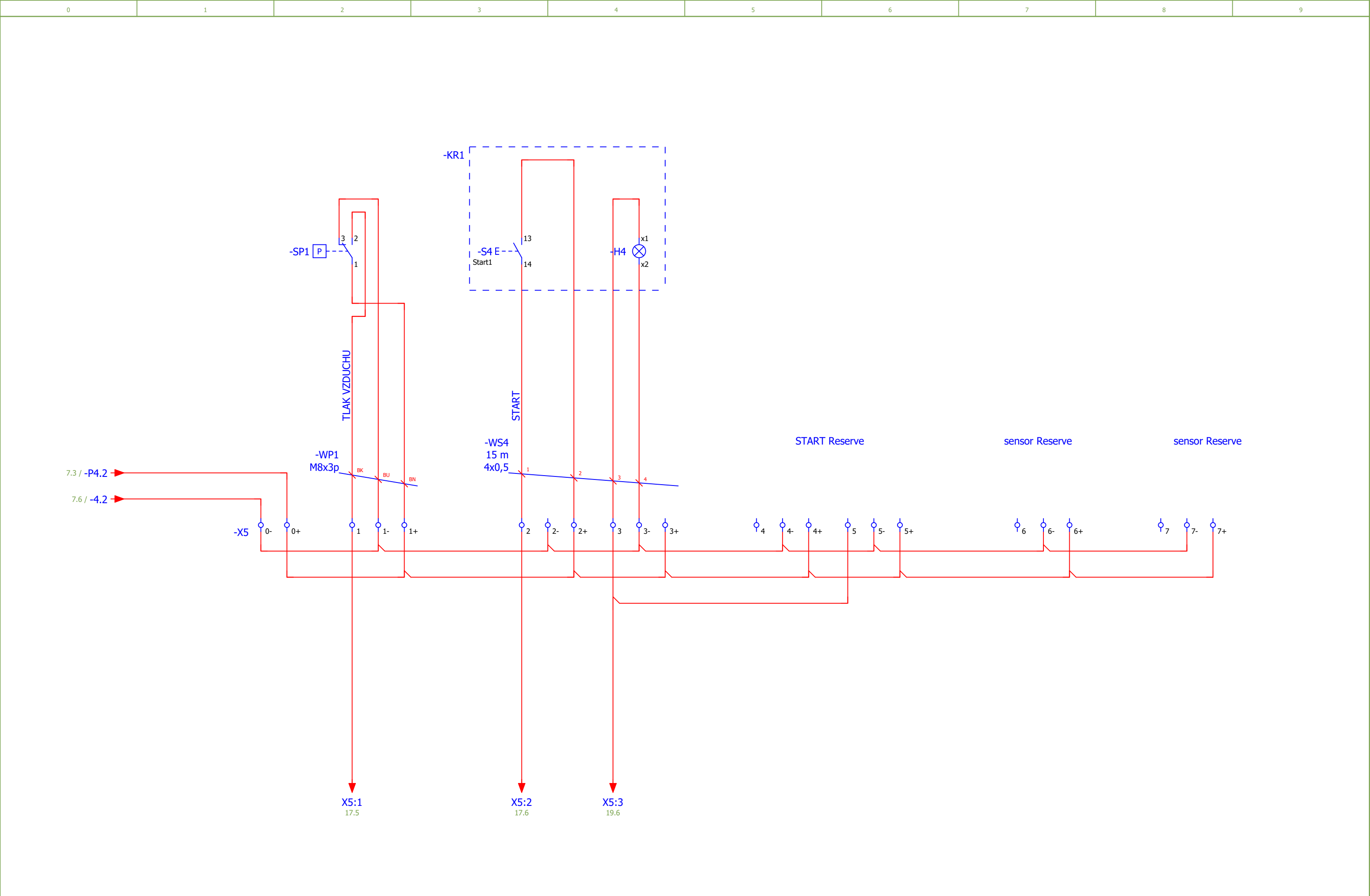
Cutting P G4_ WELDING FAULT

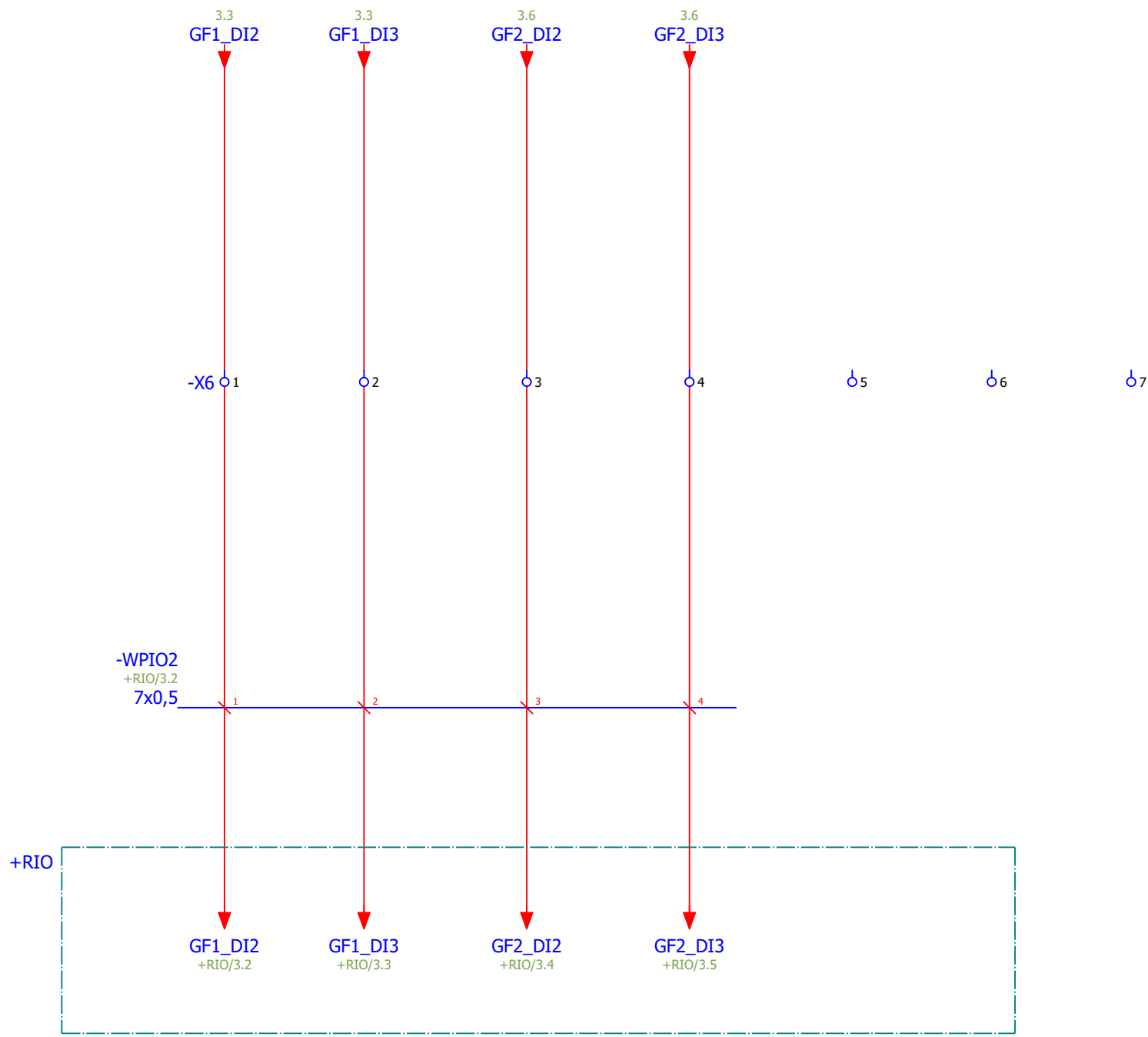
			Date	22.07.2019	EPLAN		BK Technic s.r.o	PLC-A2-INPUT			= TER	
			Ed	rlaris							+ RM1	
			Appr						Ultrasonic bonding station			N18-1103
Modification	Date	Name	Original		Replacement of	Replaced by				Page	30 / 89	











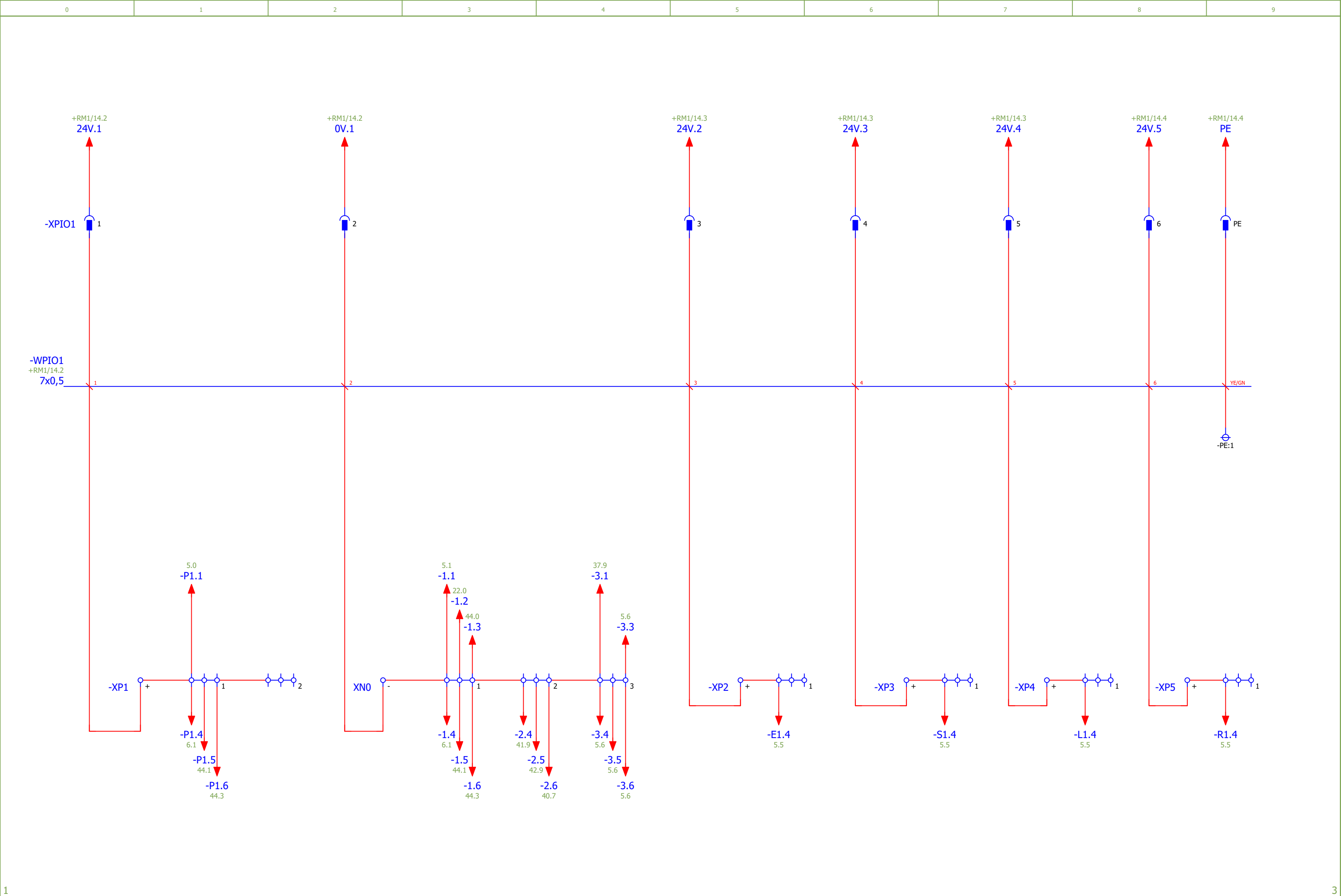
			Date	24.07.2019	EPLAN		BK Technic s.r.o	X6_END SENSORS MOVEMENT			= TER	
			Ed	rlaris							+ RM1	
			Appr								Page	30
Modification	Date	Name	Original		Replacement of	Replaced by				N18-1103	Page	38 / 89

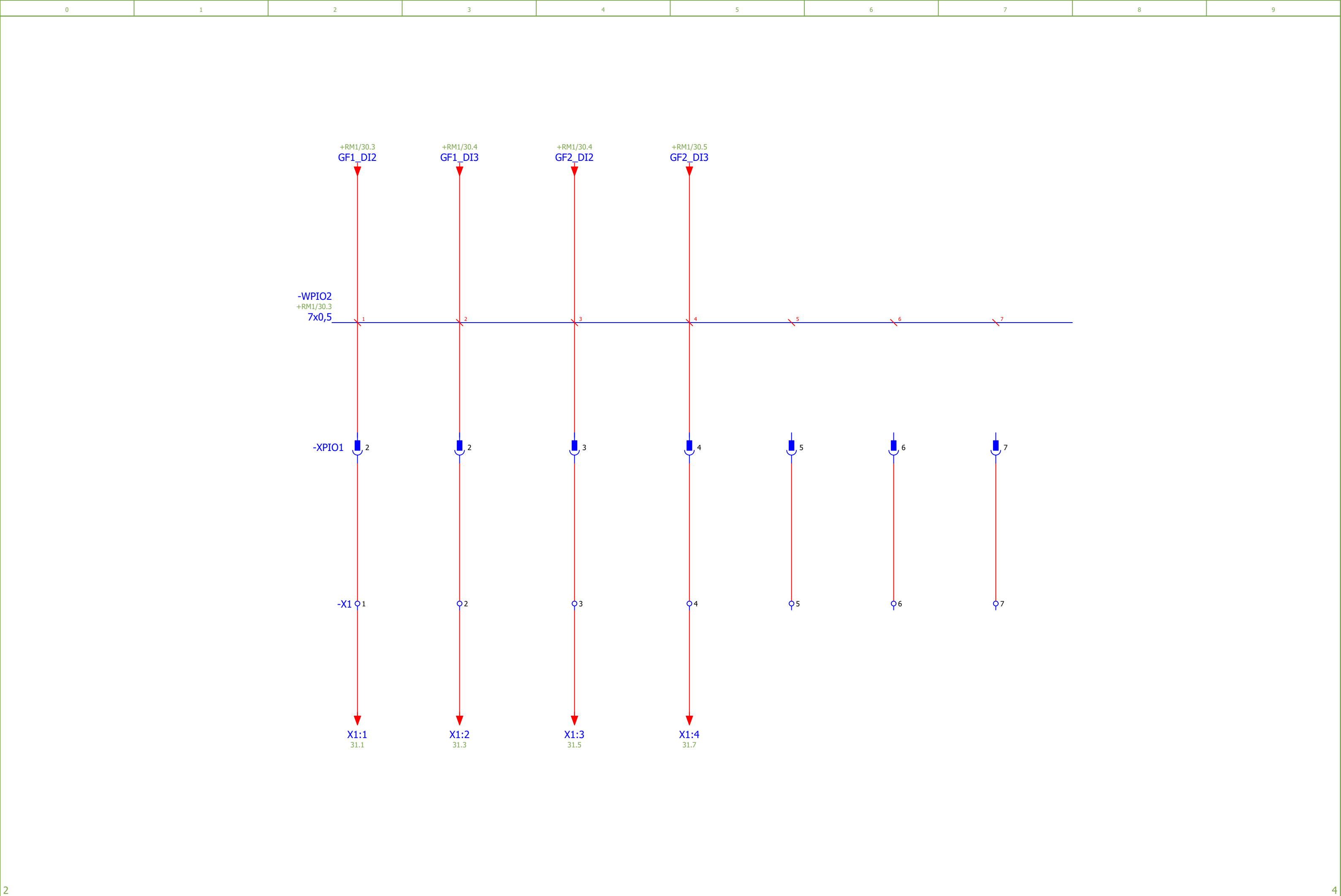
+RIO

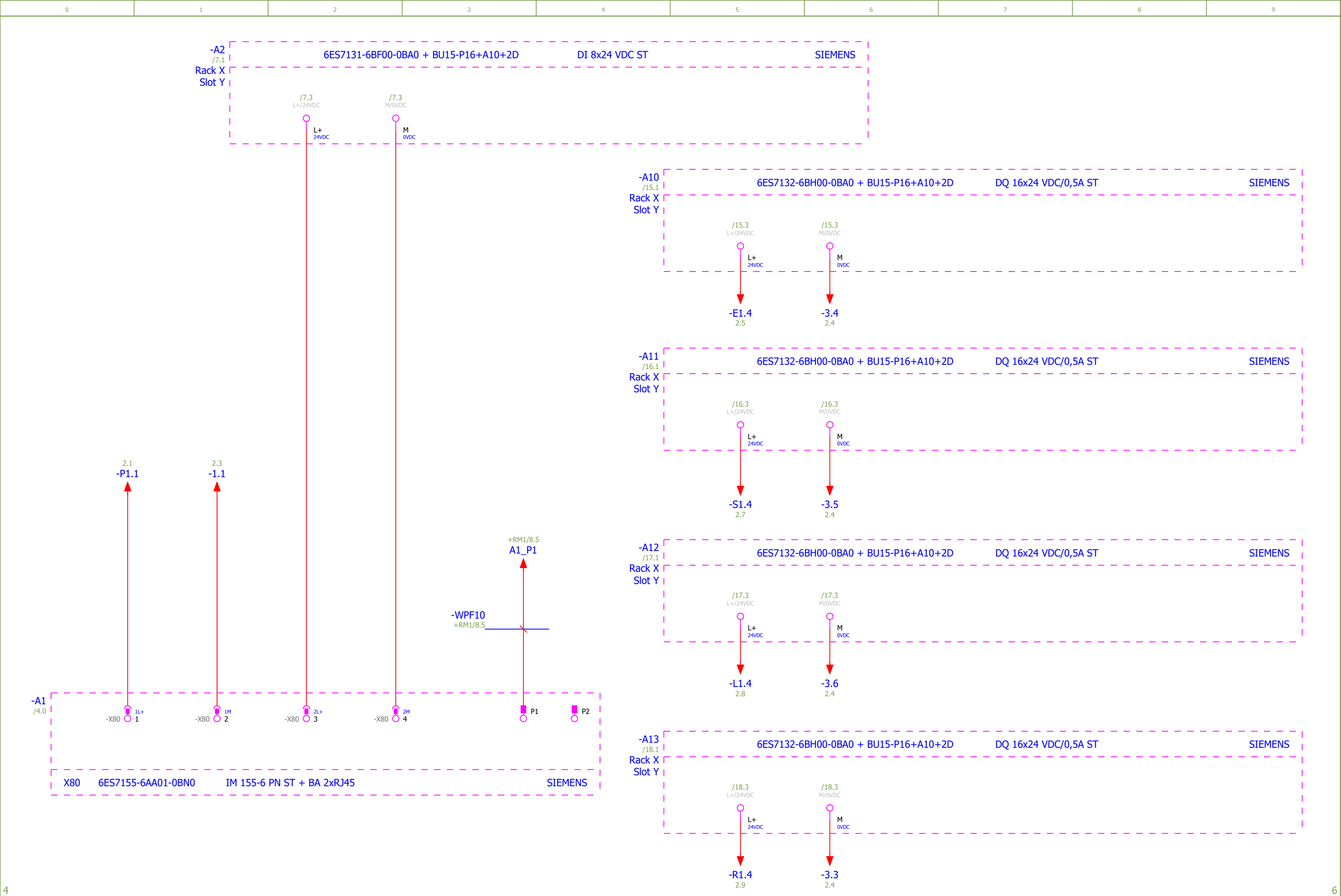
IO Eletrical box

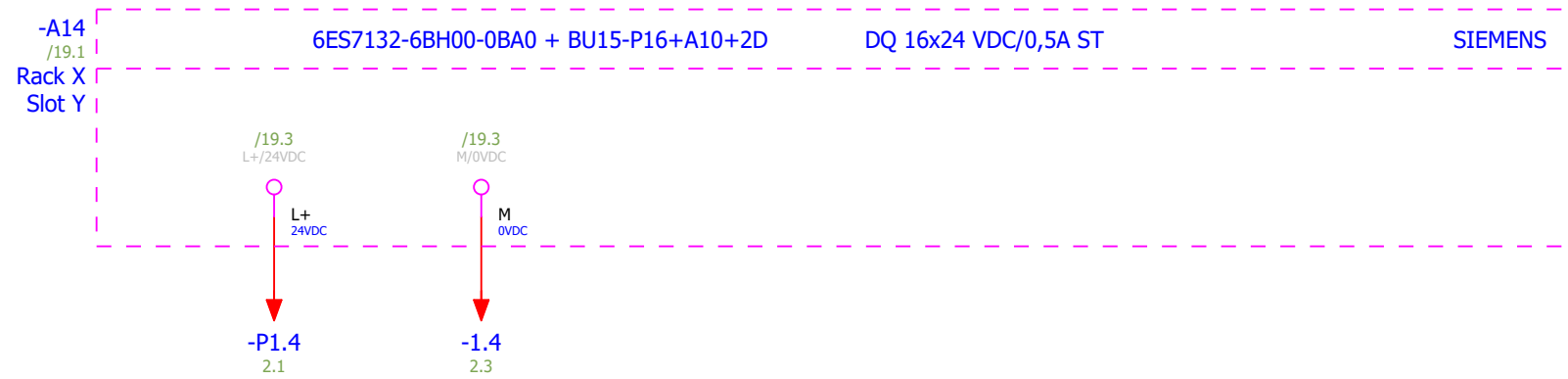
KL 1512.500 600x400x120

			Date	22.06.2018	EPLAN Ultrasonic bonding station		BK Technic s.r.o	FRONT PAGE				= TER	
			Ed	Rosta								+ RIO	
			Appr										
Modification	Date	Name	Original		Replacement of	Replaced by				N18-1103	Page	1	
											Page	40 / 89	



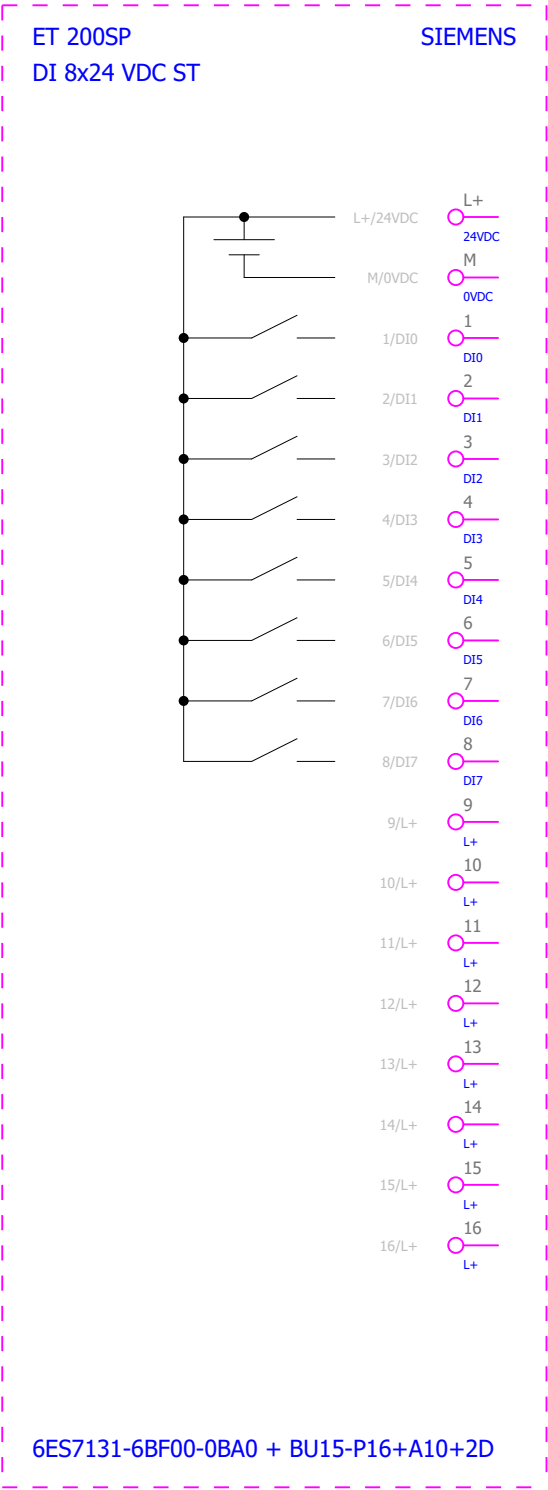




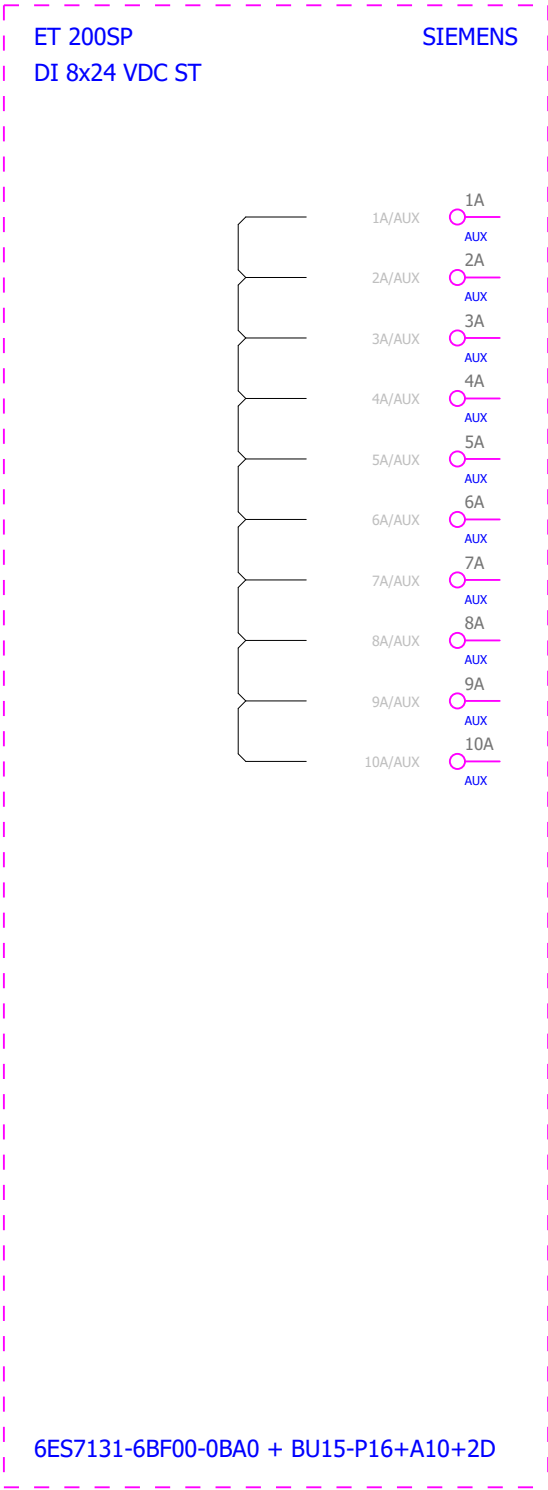


			Date	04.01.2019	EPLAN		BK Technic s.r.o	PLC_power supply				= TER	
			Ed	rlaris								+ RIO	
			Appr						Ultrasonic bonding station			N18-1103	Page
Modification	Date	Name	Original		Replacement of	Replaced by				Page	45 / 89		

-A2
Rack X
Slot Y
SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2D



-A2
/7.1
Rack X
Slot Y



GND

GND

GND

GND

GND

GND

GND

GND

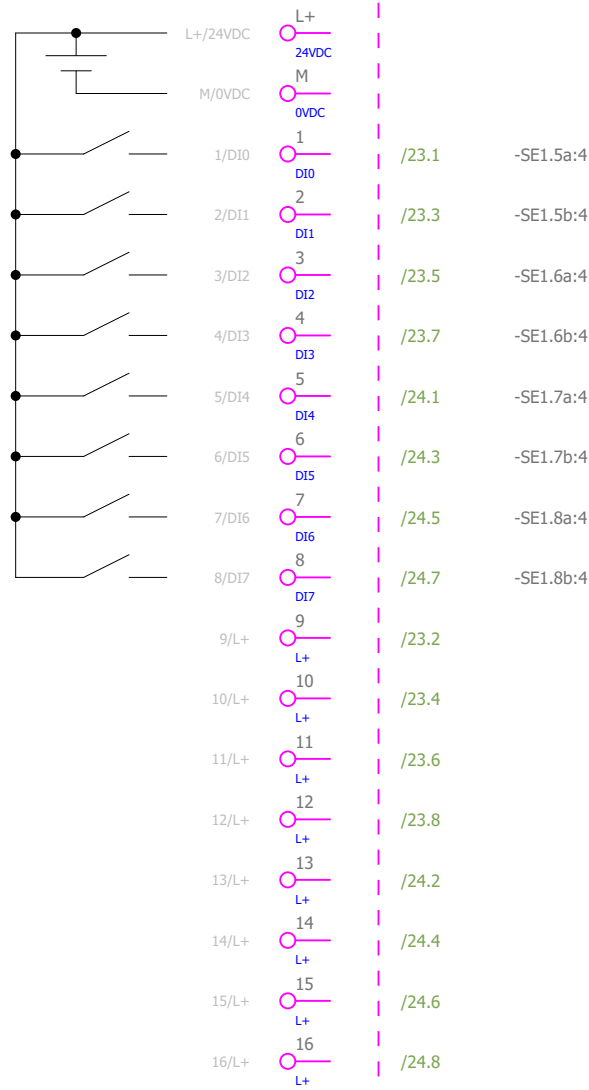
GND

GND

-A3
Rack X
Slot Y
SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B

ET 200SP
DI 8x24 VDC ST

SIEMENS



Feeding mechanism for left punching a.

Feeding mechanism for left punching b.

Feeding mechanism for right punching a.

Feeding mechanism for right punching b.

Moving clamp left a.

Moving clamp left b.

Moving clamp right a

Moving clamp right b.

24V DC

24V DC

24V DC

24V DC

24V DC

24V DC

24V DC

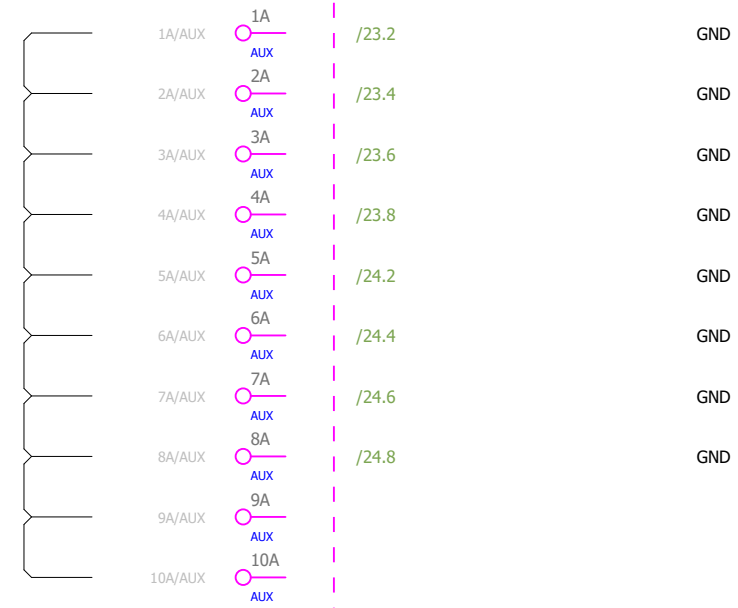
24V DC

6ES7131-6BF00-0BA0 + BU15-P16+A10+2B

-A3
/8.1
Rack X
Slot Y

ET 200SP
DI 8x24 VDC ST

SIEMENS



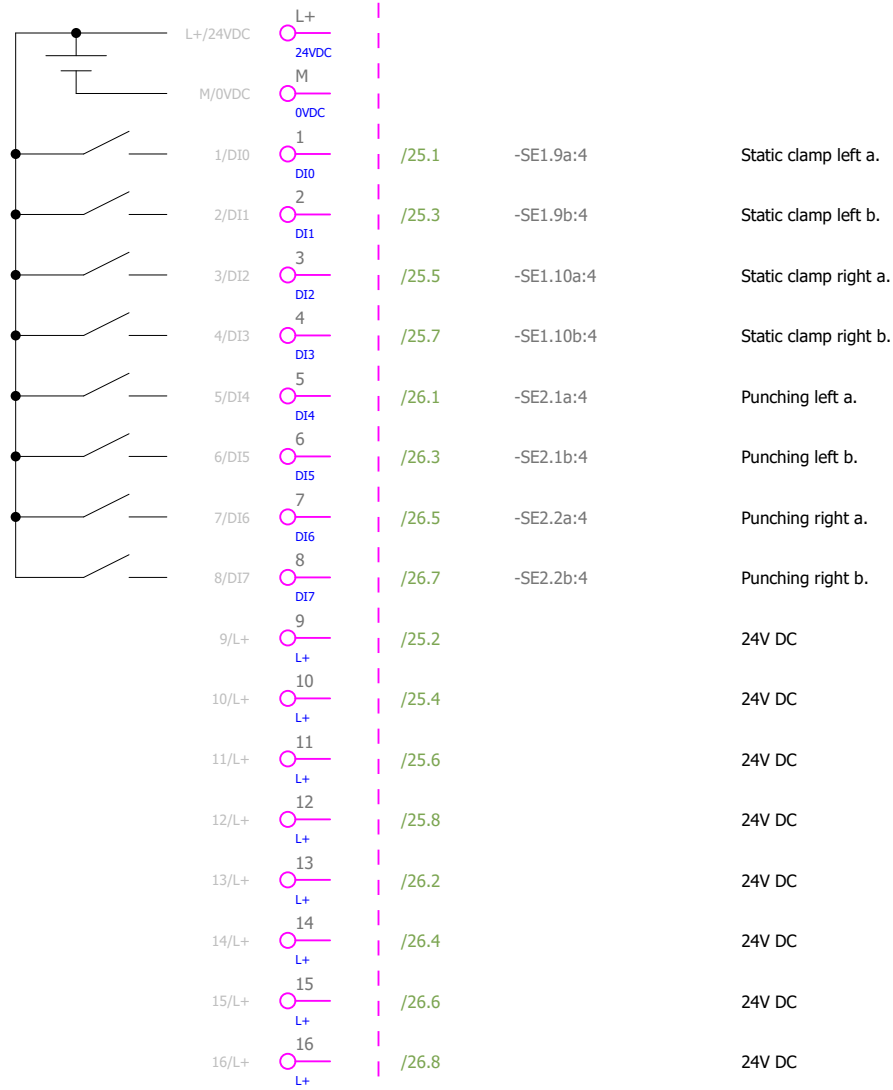
6ES7131-6BF00-0BA0 + BU15-P16+A10+2B

			Date	23.07.2018	EPLAN		BK Technic s.r.o	A3_8DI			= TER	
			Ed	riaris							+ RIO	
			Appr						Ultrasonic bonding station			N18-1103
Modification	Date	Name	Original		Replacement of	Replaced by				Page	47 / 89	

-A4
Rack X
Slot Y
SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B

ET 200SP
DI 8x24 VDC ST

SIEMENS

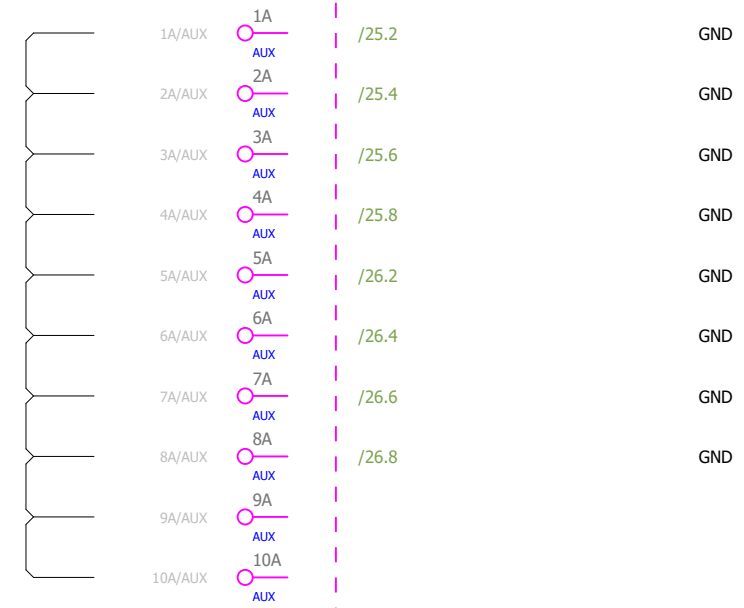


6ES7131-6BF00-0BA0 + BU15-P16+A10+2B

-A4
/9.1
Rack X
Slot Y

ET 200SP
DI 8x24 VDC ST

SIEMENS



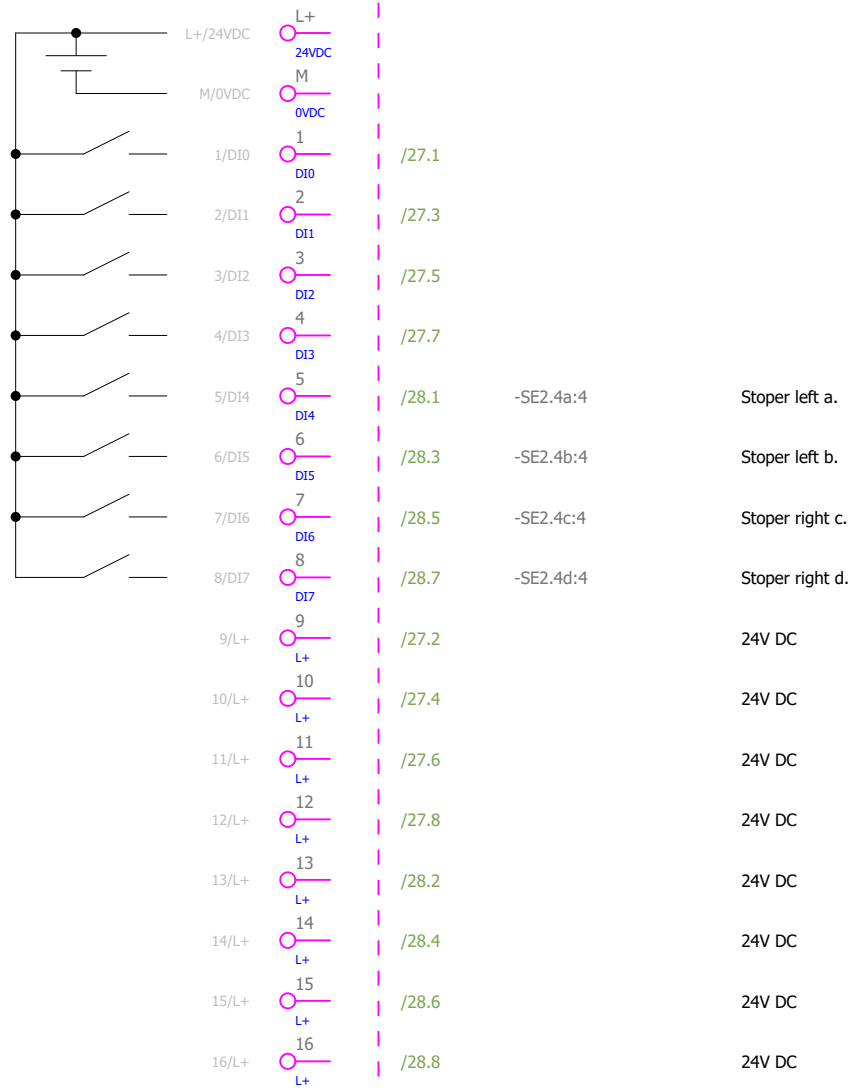
6ES7131-6BF00-0BA0 + BU15-P16+A10+2B

			Date	23.07.2018	EPLAN		BK Technic s.r.o	A4_8DI			= TER	
			Ed	rlaris							+ RIO	
			Appr						Ultrasonic bonding station			N18-1103
Modification	Date	Name	Original		Replacement of	Replaced by				Page	48 / 89	

-A5
Rack X
Slot Y
SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B

ET 200SP
DI 8x24 VDC ST

SIEMENS

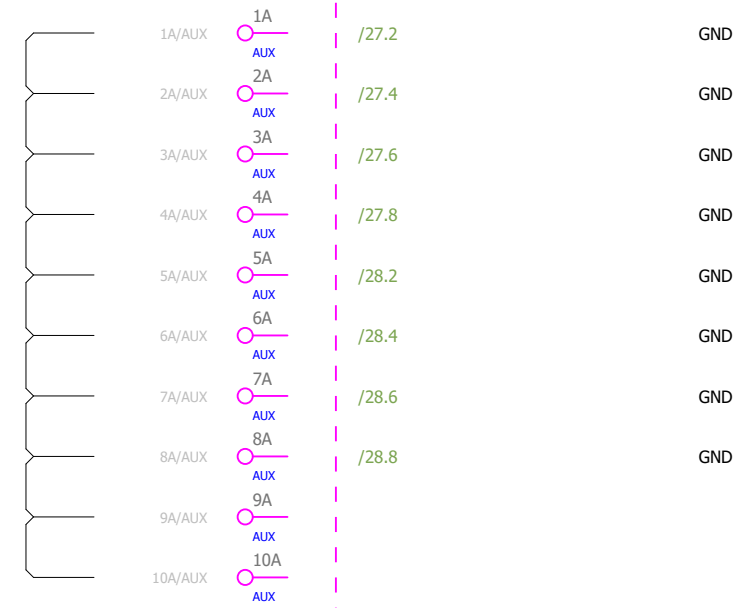


6ES7131-6BF00-0BA0 + BU15-P16+A10+2B

-A5
/10.1
Rack X
Slot Y

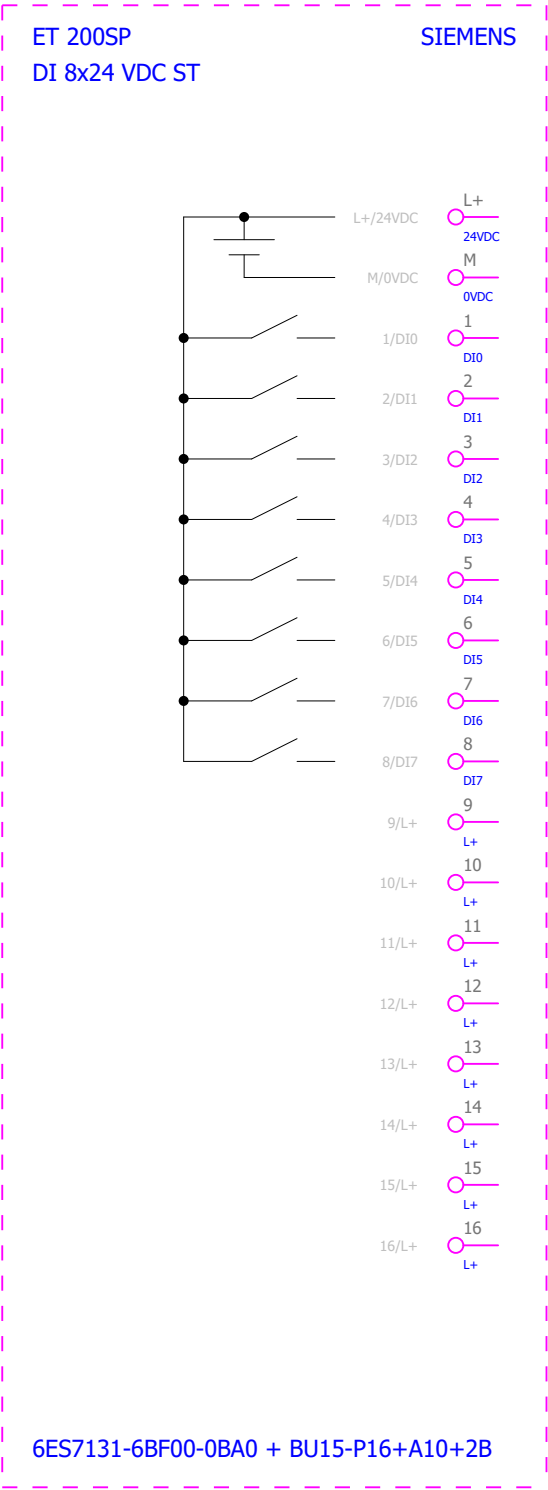
ET 200SP
DI 8x24 VDC ST

SIEMENS

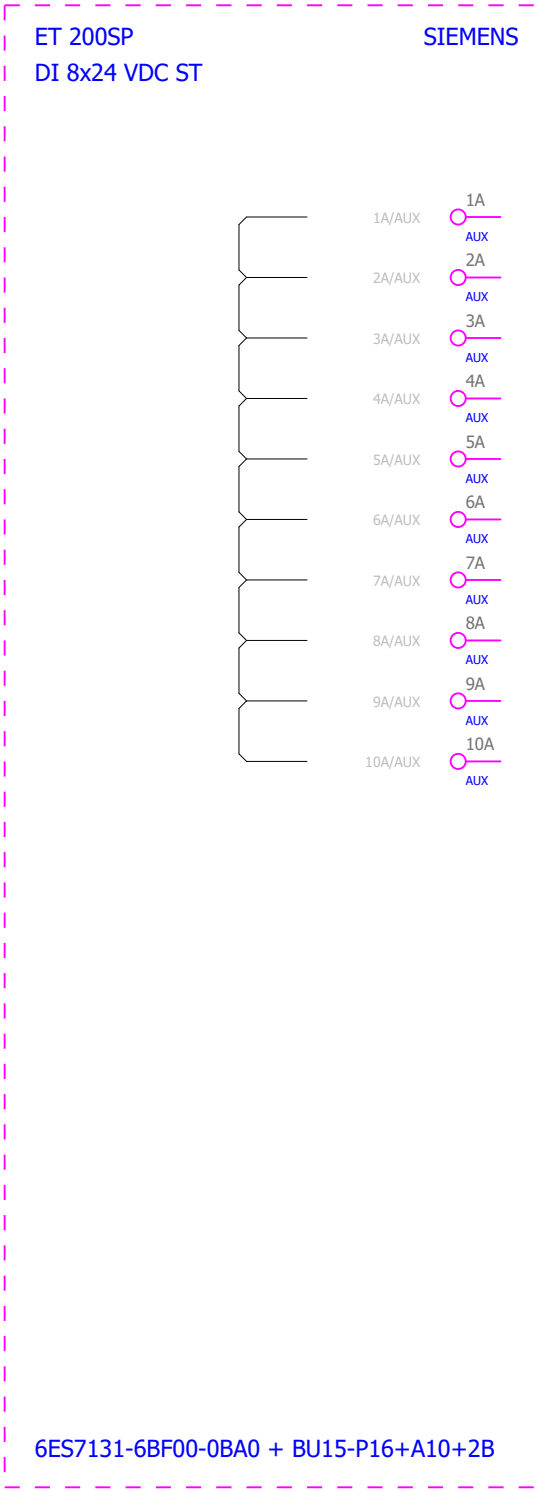


6ES7131-6BF00-0BA0 + BU15-P16+A10+2B

-A6
Rack X
Slot Y
SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B



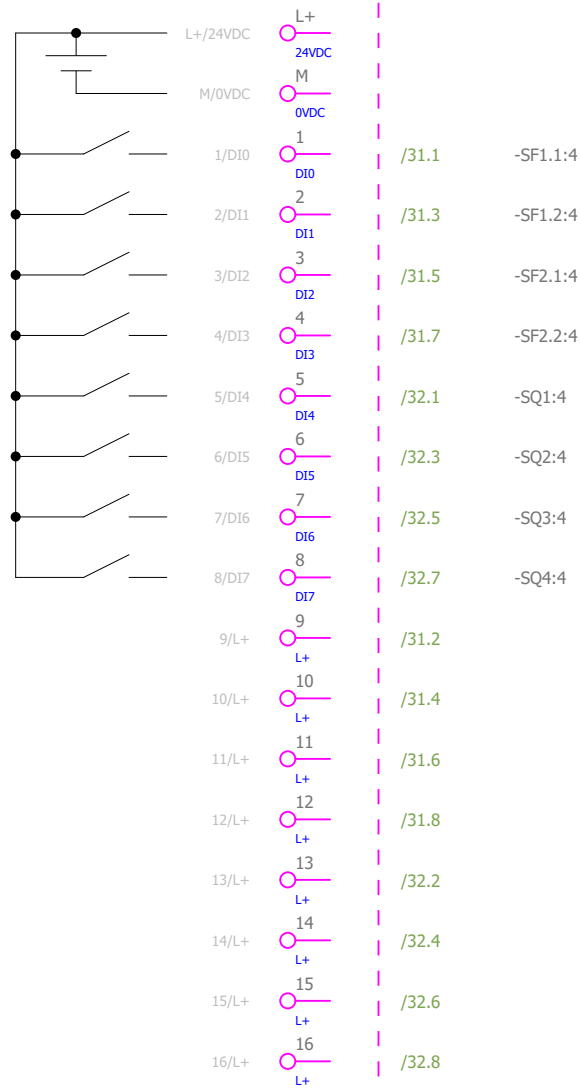
-A6
/11.1
Rack X
Slot Y



-A7
Rack X
Slot Y
SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B

ET 200SP
DI 8x24 VDC ST

SIEMENS



Servo end position GF1_DI2

Servo end position GF1_DI3

Servo end position GF2_DI2

Servo end position GF2_DI3

Presence tape_left

Presence tape_right

closing the side fabric_left

closing the side fabric_right

24V DC

24V DC

24V DC

24V DC

24V DC

24V DC

24V DC

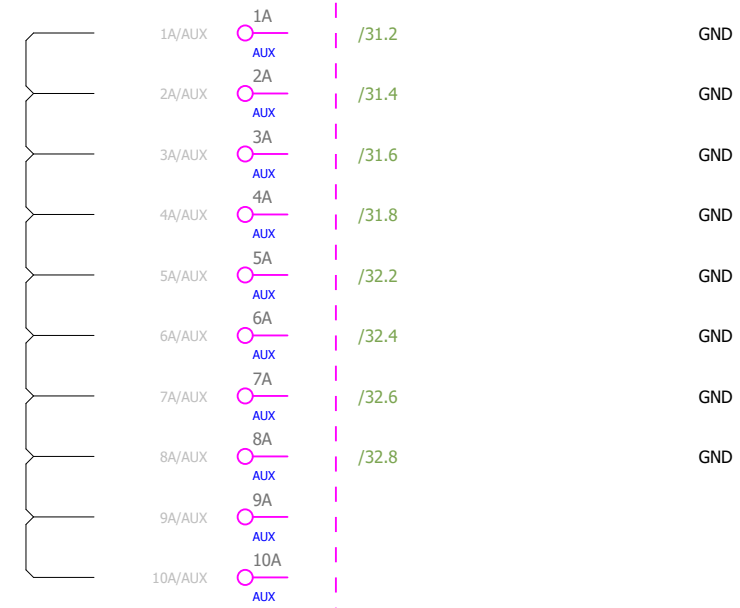
24V DC

6ES7131-6BF00-0BA0 + BU15-P16+A10+2B

-A7
/12.1
Rack X
Slot Y

ET 200SP
DI 8x24 VDC ST

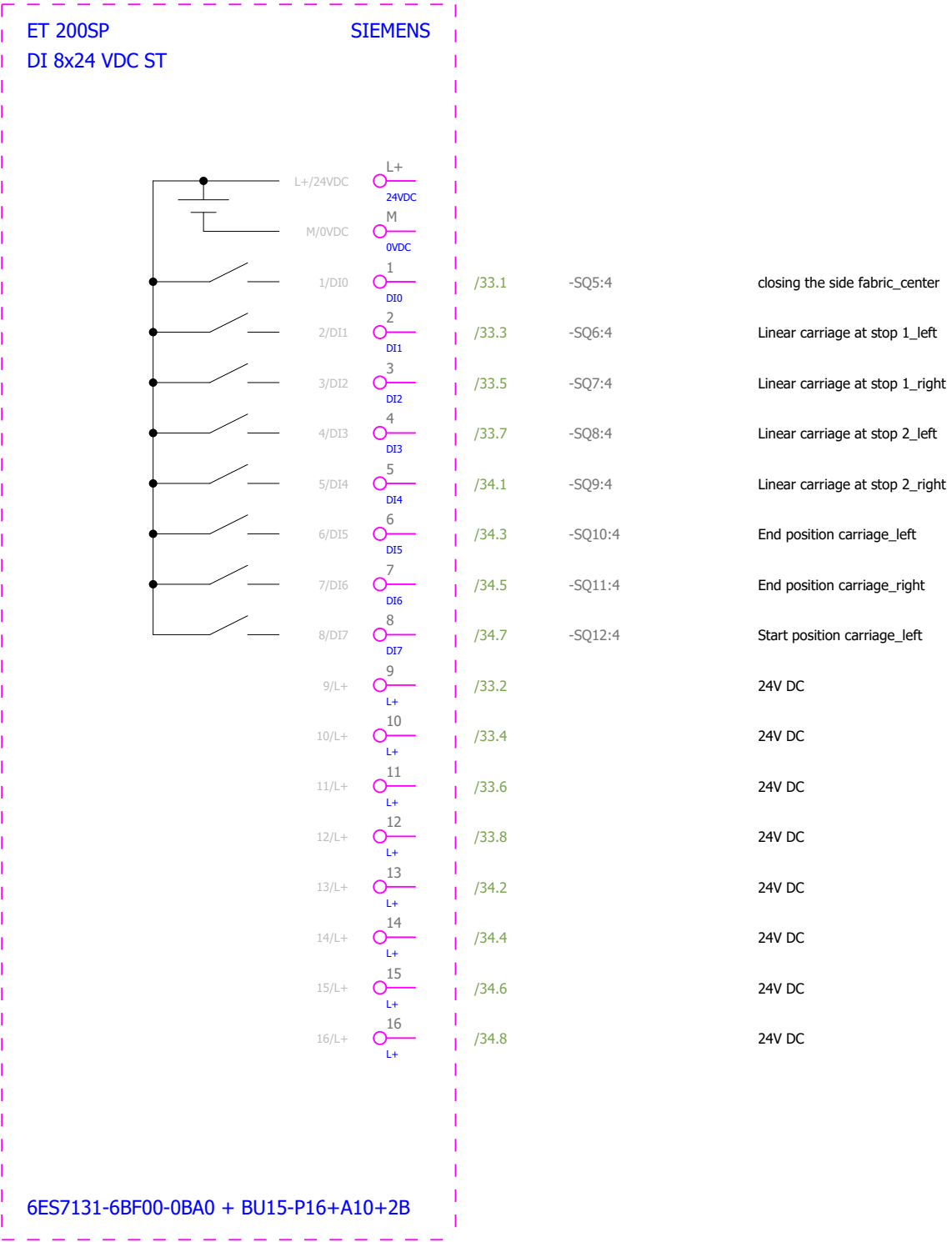
SIEMENS



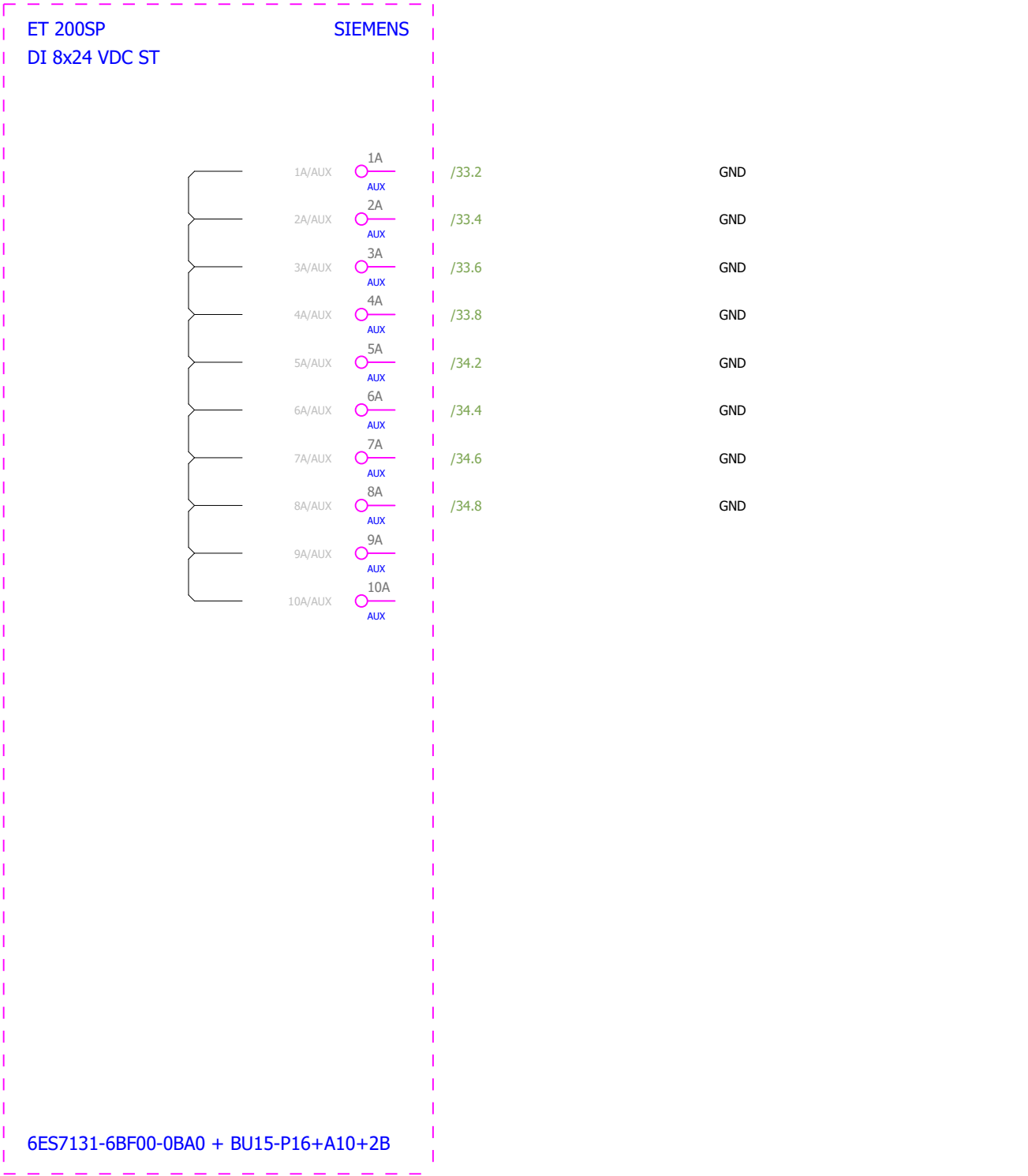
6ES7131-6BF00-0BA0 + BU15-P16+A10+2B

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			Appr						Ultrasonic bonding station			N18-1103
Modification	Date	Name	Original		Replacement of	Replaced by				Page	51 / 89	

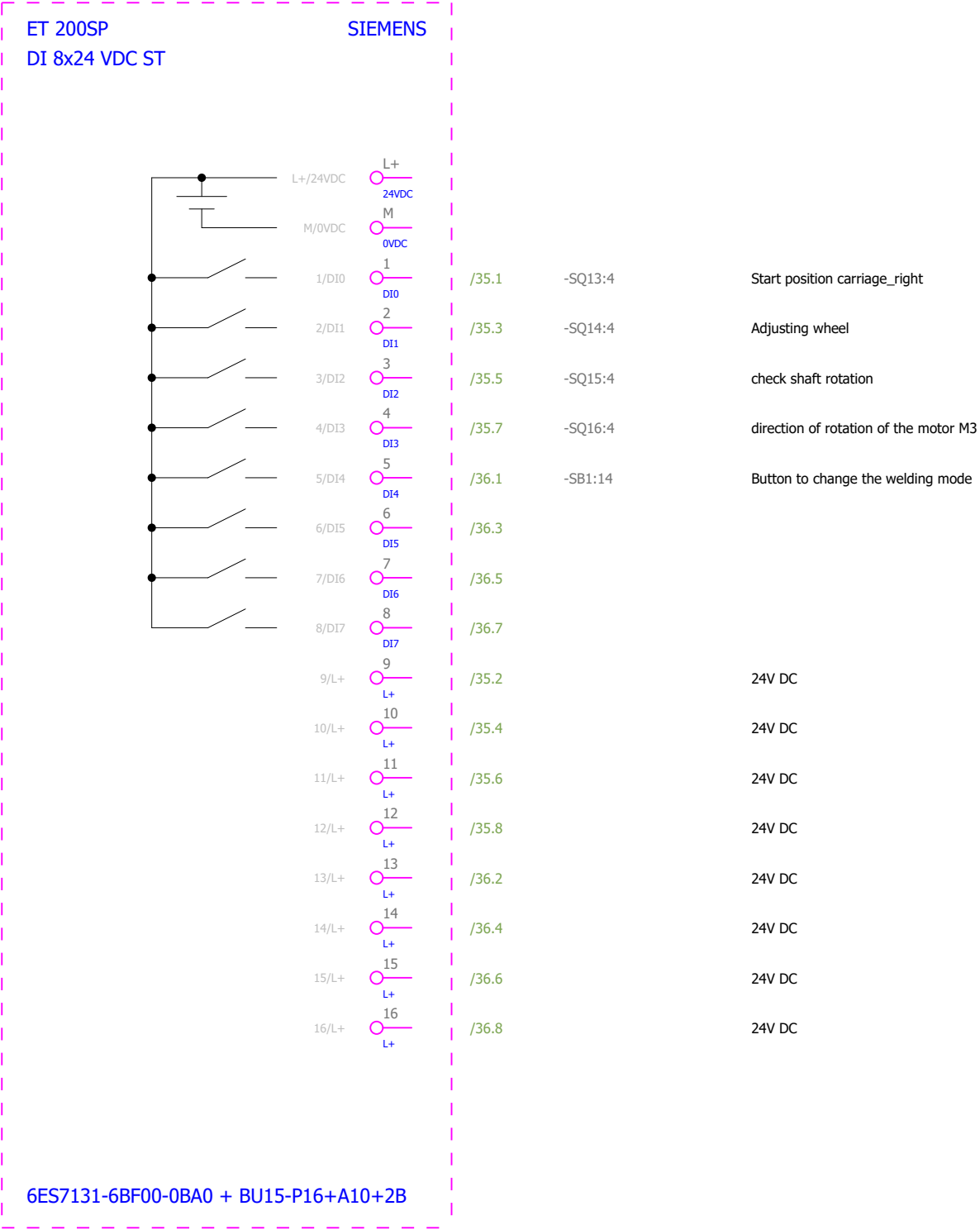
-A8
Rack X
Slot Y
SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B



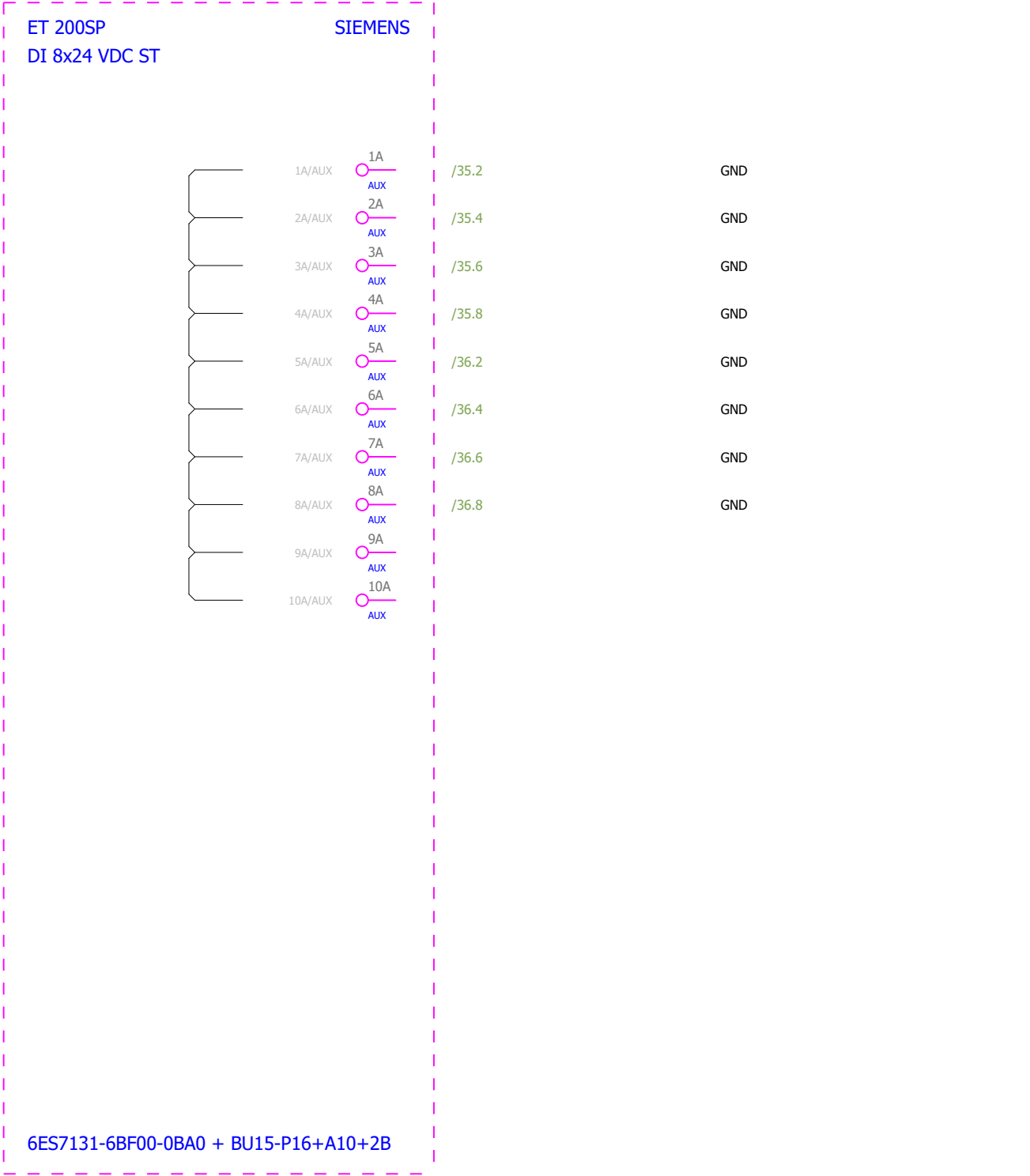
-A8
/13.1
Rack X
Slot Y



-A9
Rack X
Slot Y
SIE.6ES7131-6BF00-0BA0+BU15-P16+A10+2B



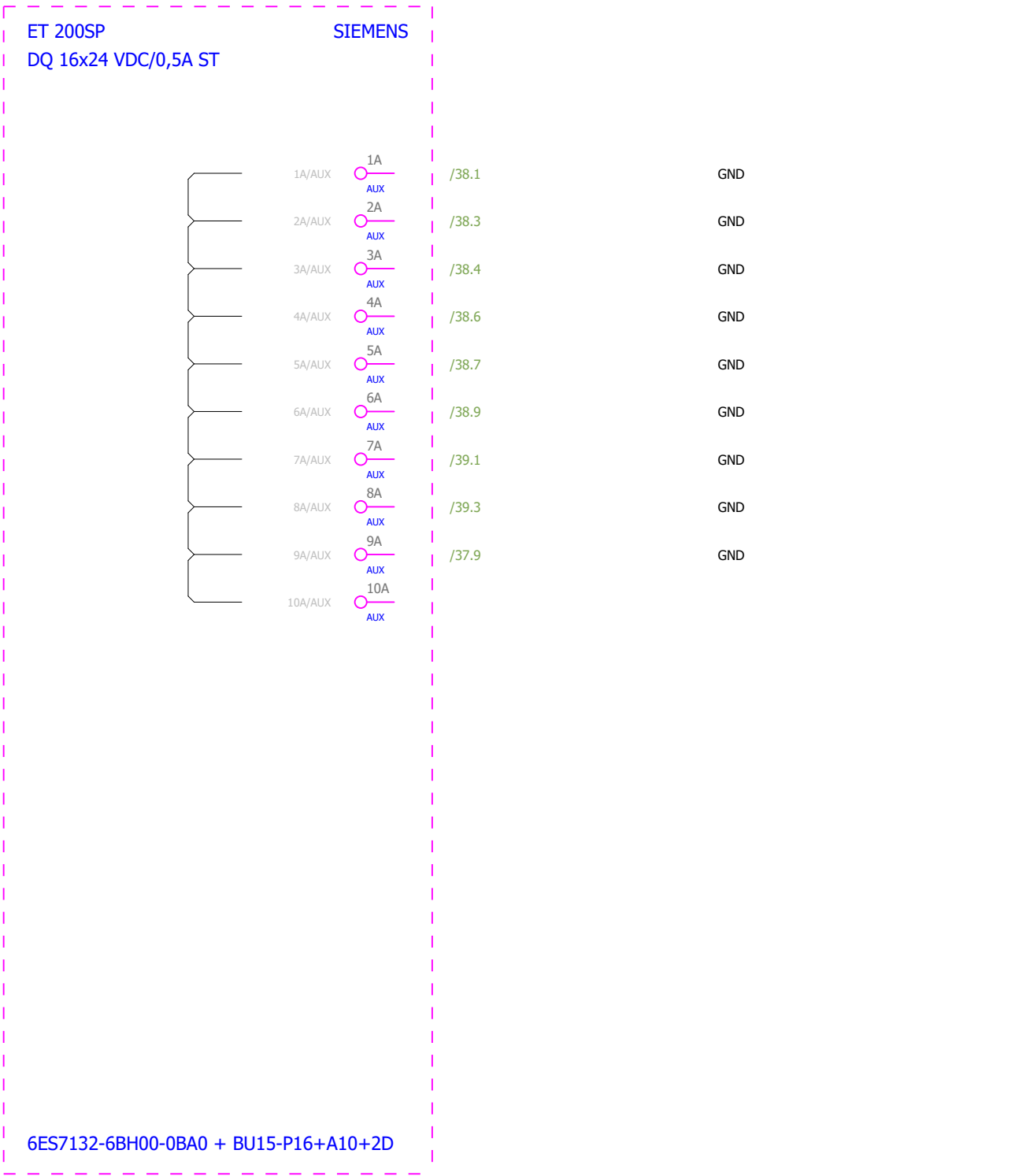
-A9
/14.1
Rack X
Slot Y



-A10
Rack X
Slot Y
SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D



-A10
/15.1
Rack X
Slot Y



4A/AUX

4A

AUX

/38.6

GND

5A/AUX

5A

AUX

/38.7

GND

6A/AUX

6A

AUX

/38.9

GND

7A/AUX

7A

AUX

/39.1

GND

8A/AUX

8A

AUX

/39.3

GND

9A/AUX

9A

AUX

/37.9

GND

10A/AUX

10A

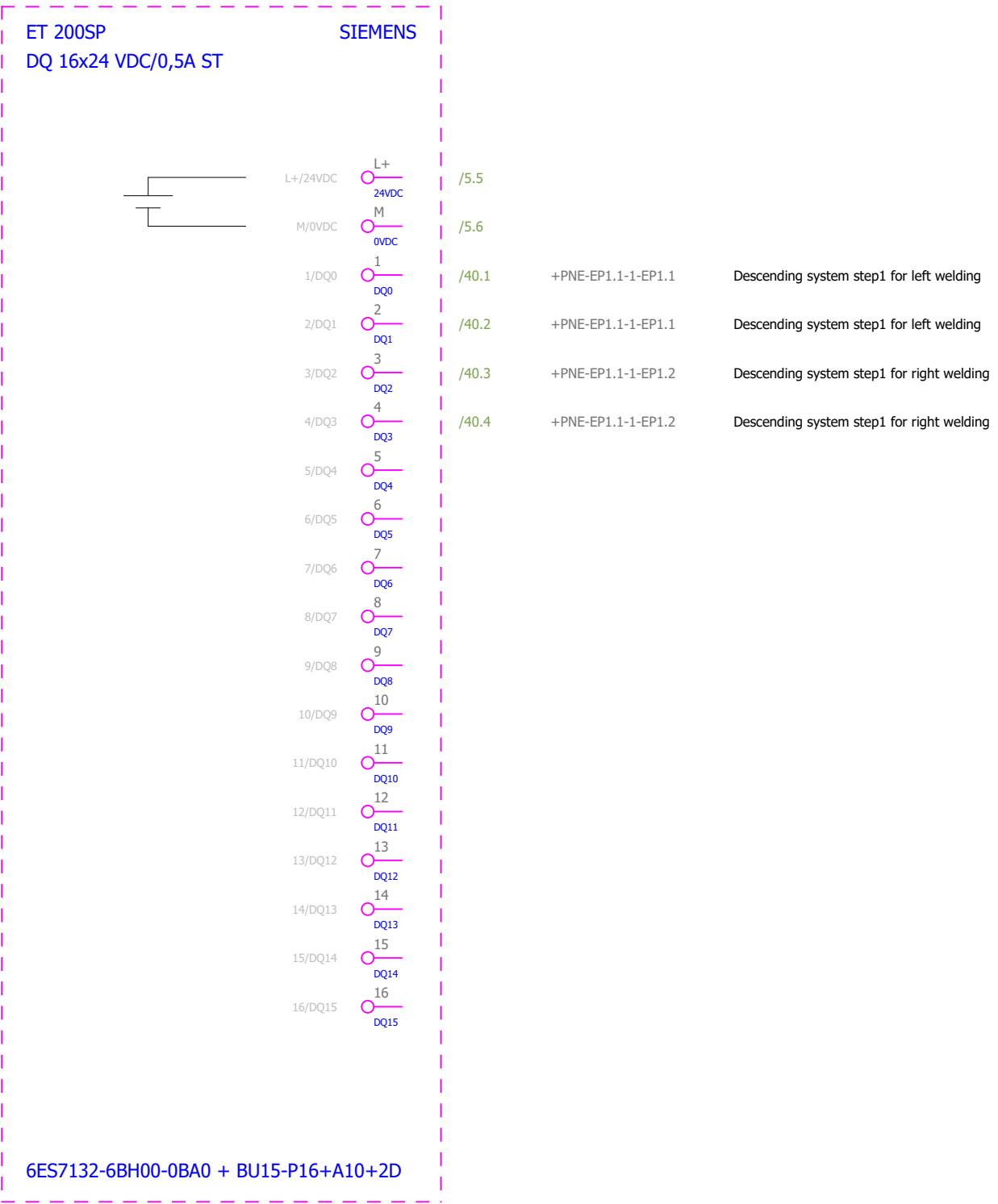
AUX

6ES7132-6BH00-0BA0 + BU15-P16+A10+2D

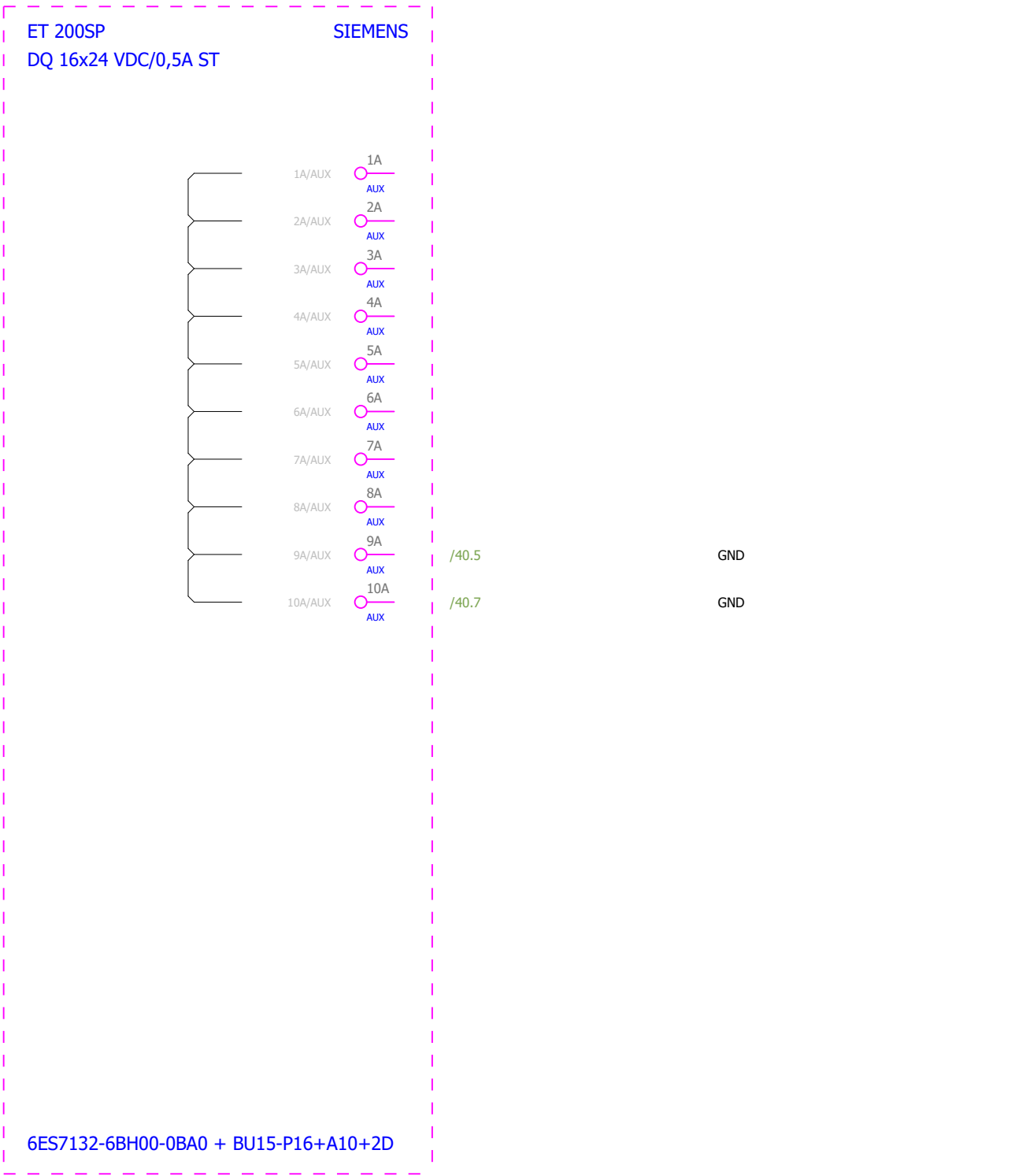
			Date	23.07.2018	EPLAN		
			Ed	rlaris			
			Appr		Ultrasonic bonding station		
Modification	Date	Name	Original		Replacement of		Replaced by

BK Technic s.r.o	A10_16DQ			= TER	
				+ RIO	
			N18-1103	Page	15
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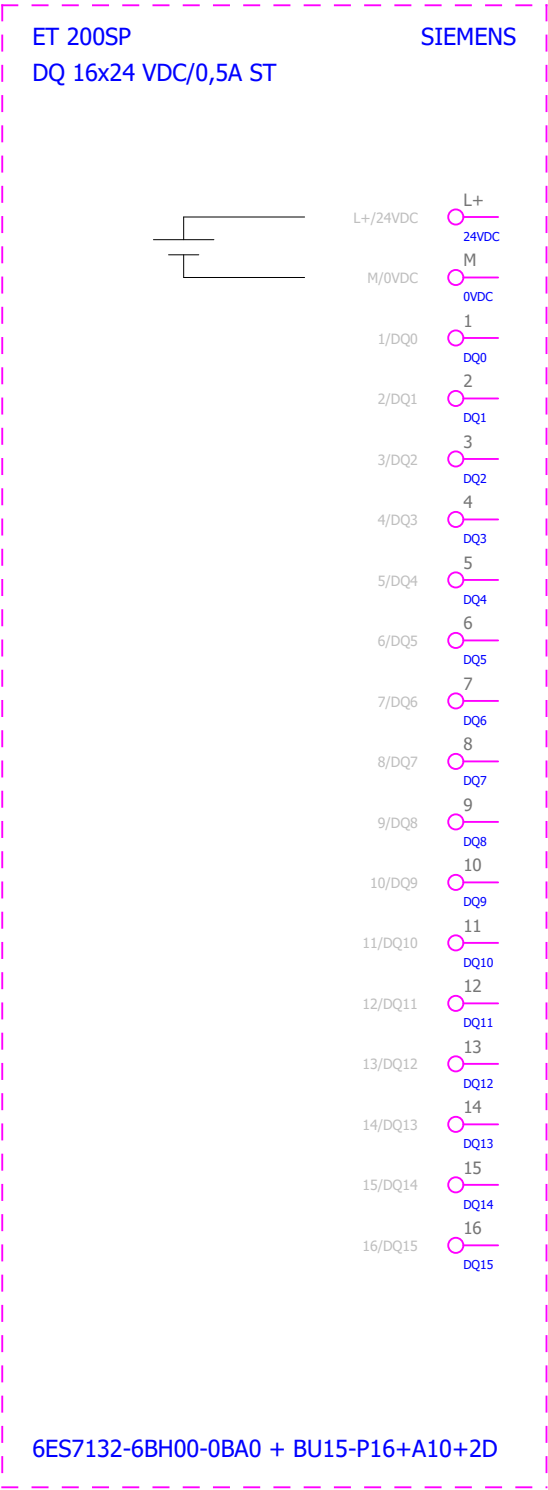
-A11
Rack X
Slot Y
SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D



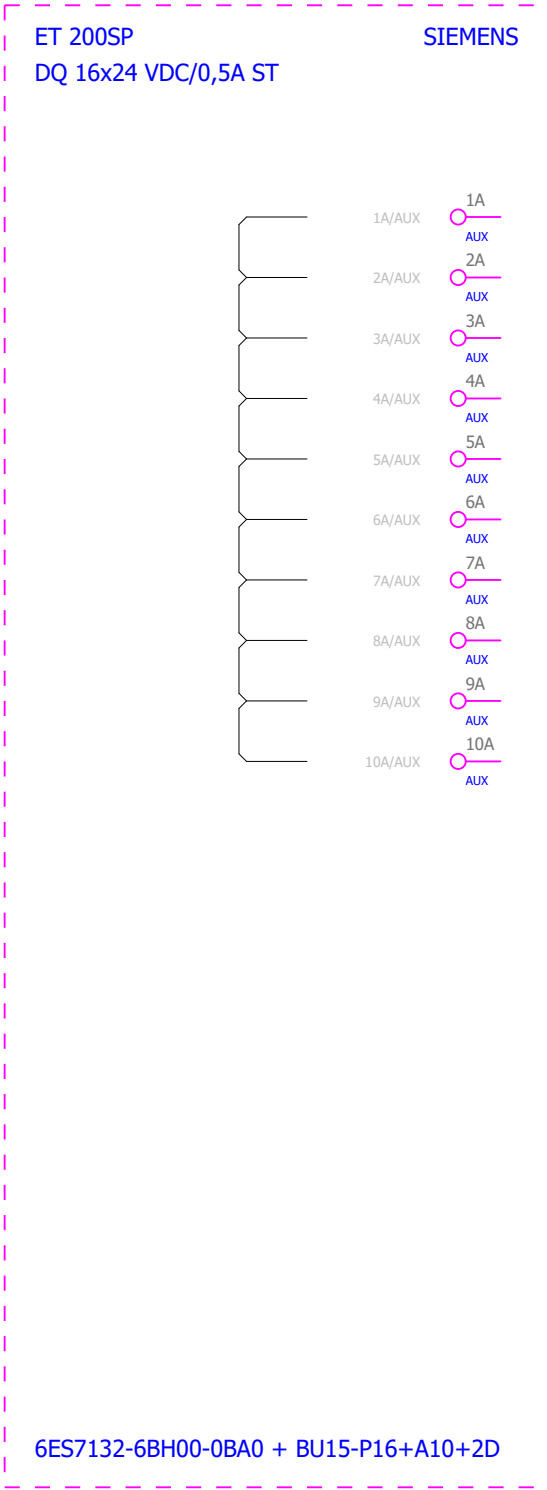
-A11
/16.1
Rack X
Slot Y



-A13
Rack X
Slot Y
SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D



-A13
/18.1
Rack X
Slot Y

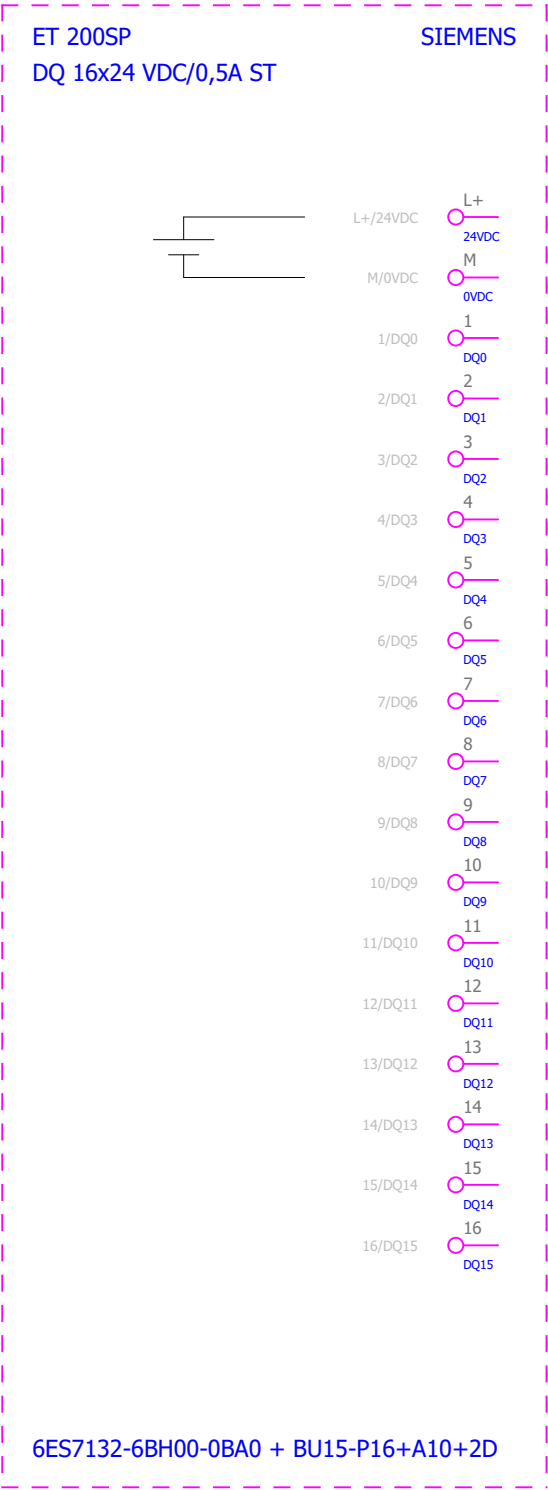


GND

GND

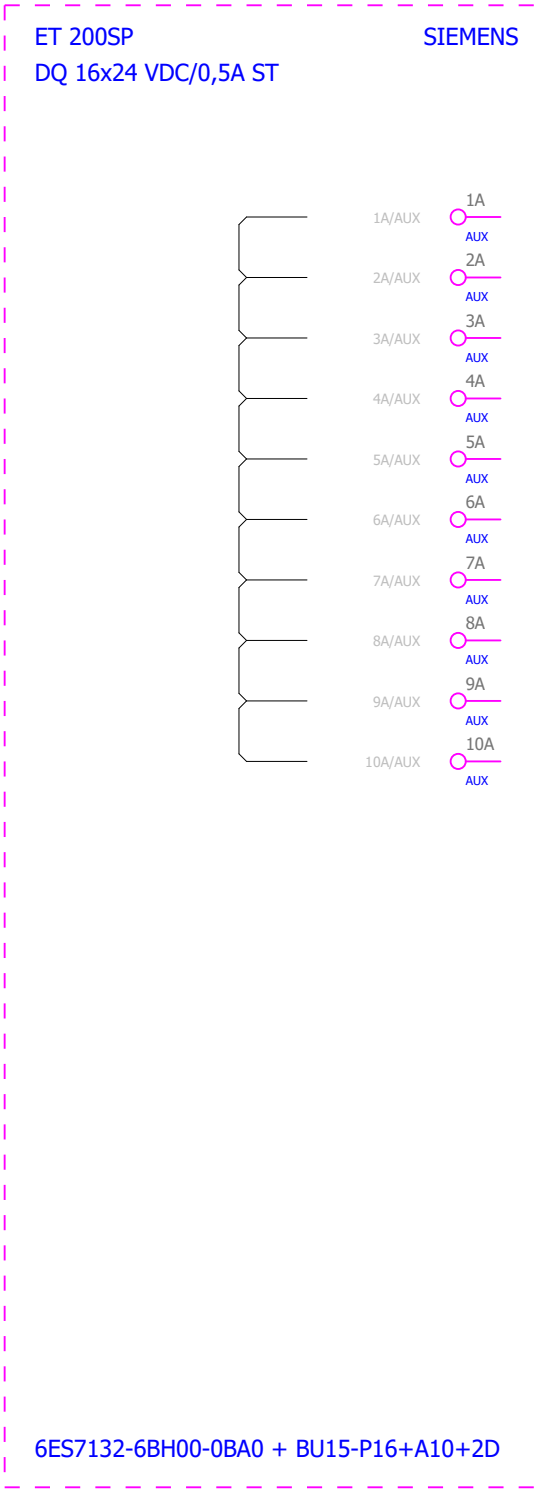
GND

-A14
Rack X
Slot Y
SIE.6ES7132-6BH00-0BA0+BU15-P16+A10+2D

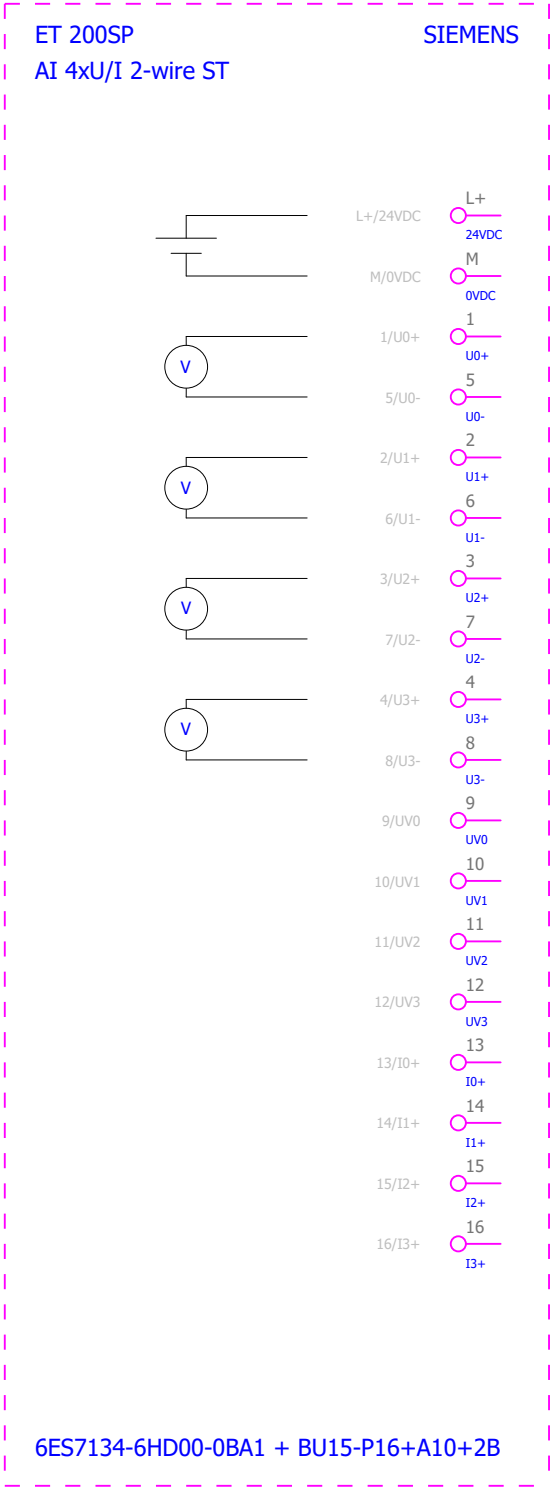


6ES7132-6BH00-0BA0 + BU15-P16+A10+2D

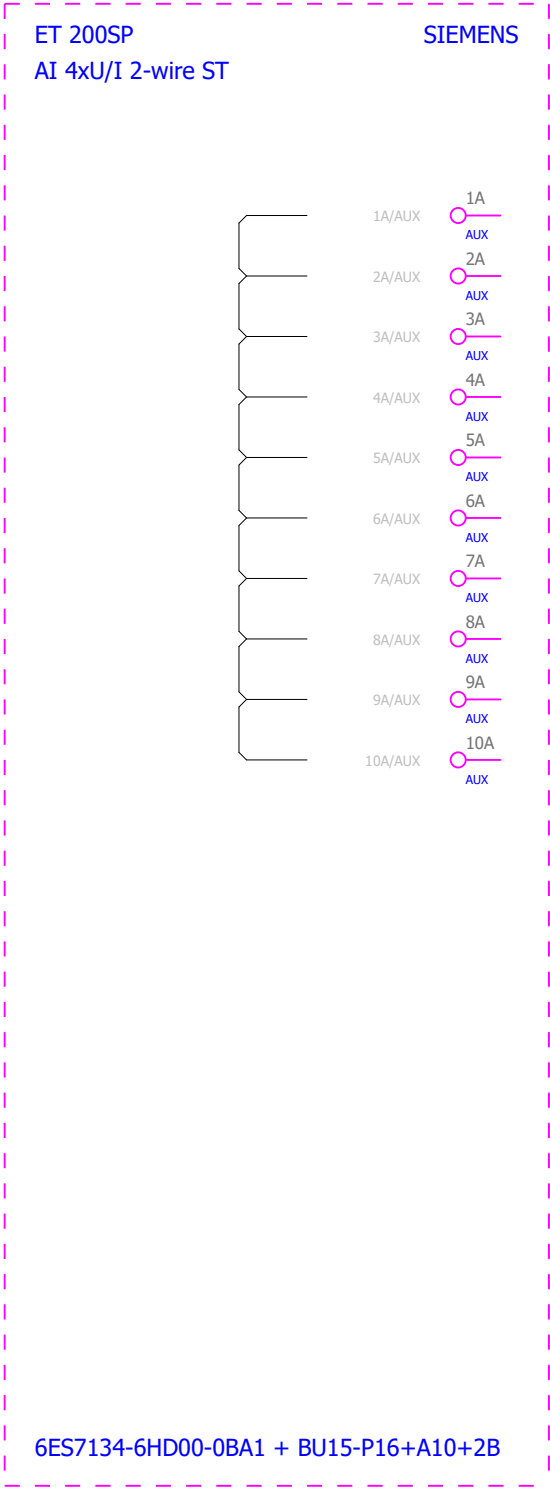
-A14
/19.1
Rack X
Slot Y



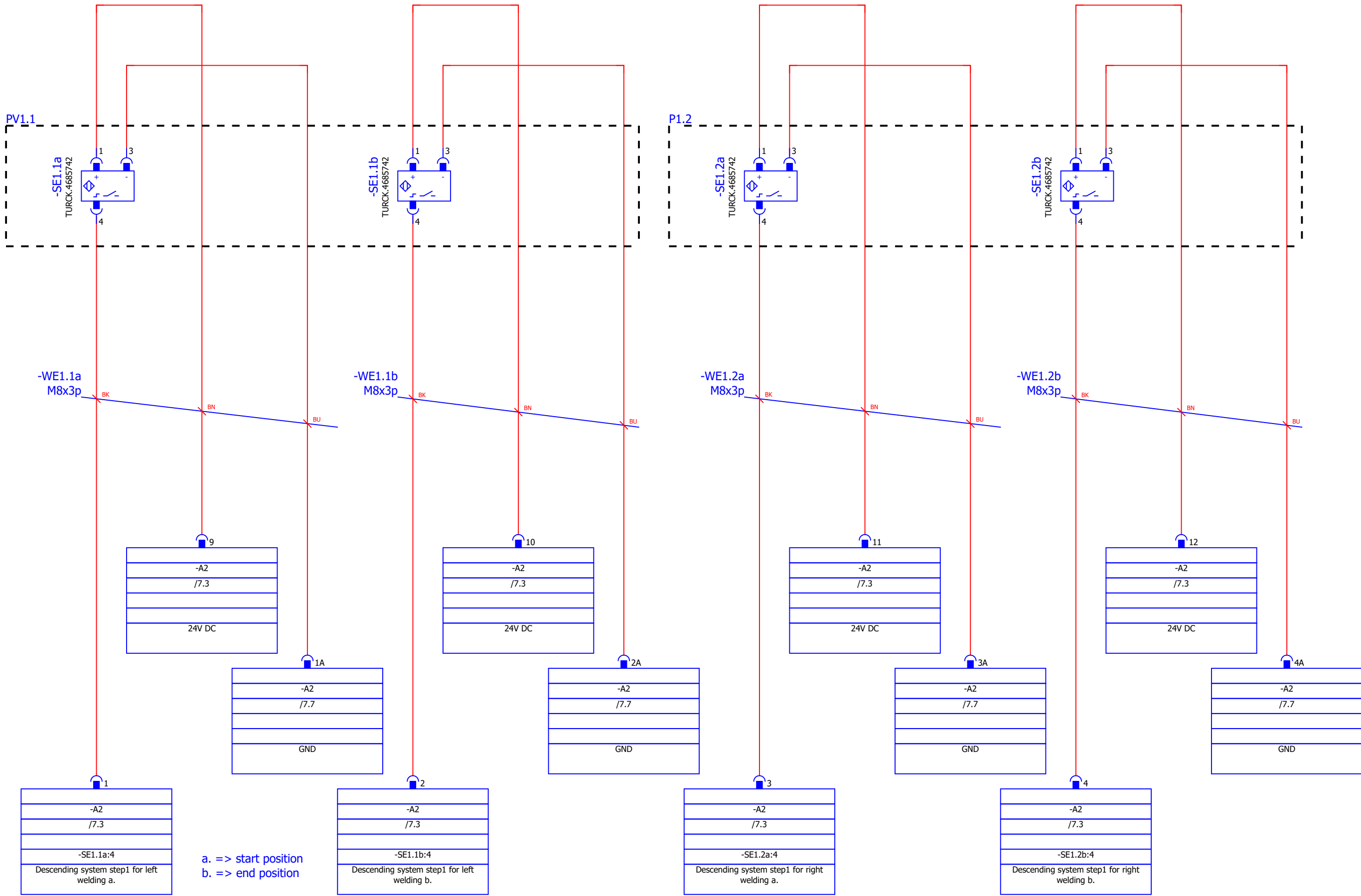
-A15
Rack X
Slot Y
SIE.6ES7134-6HD00-0BA1+BU15-P16+A10+2B

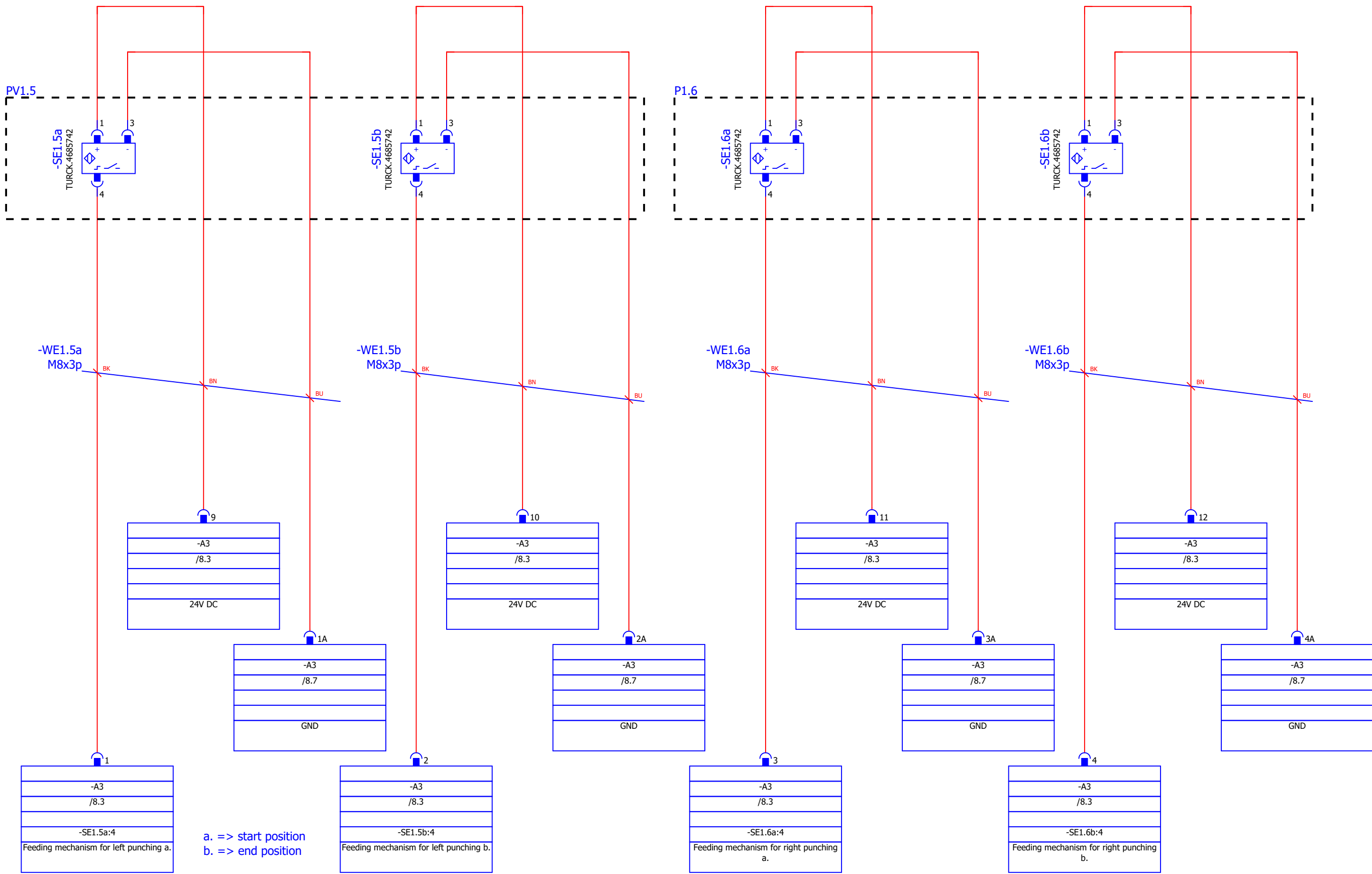


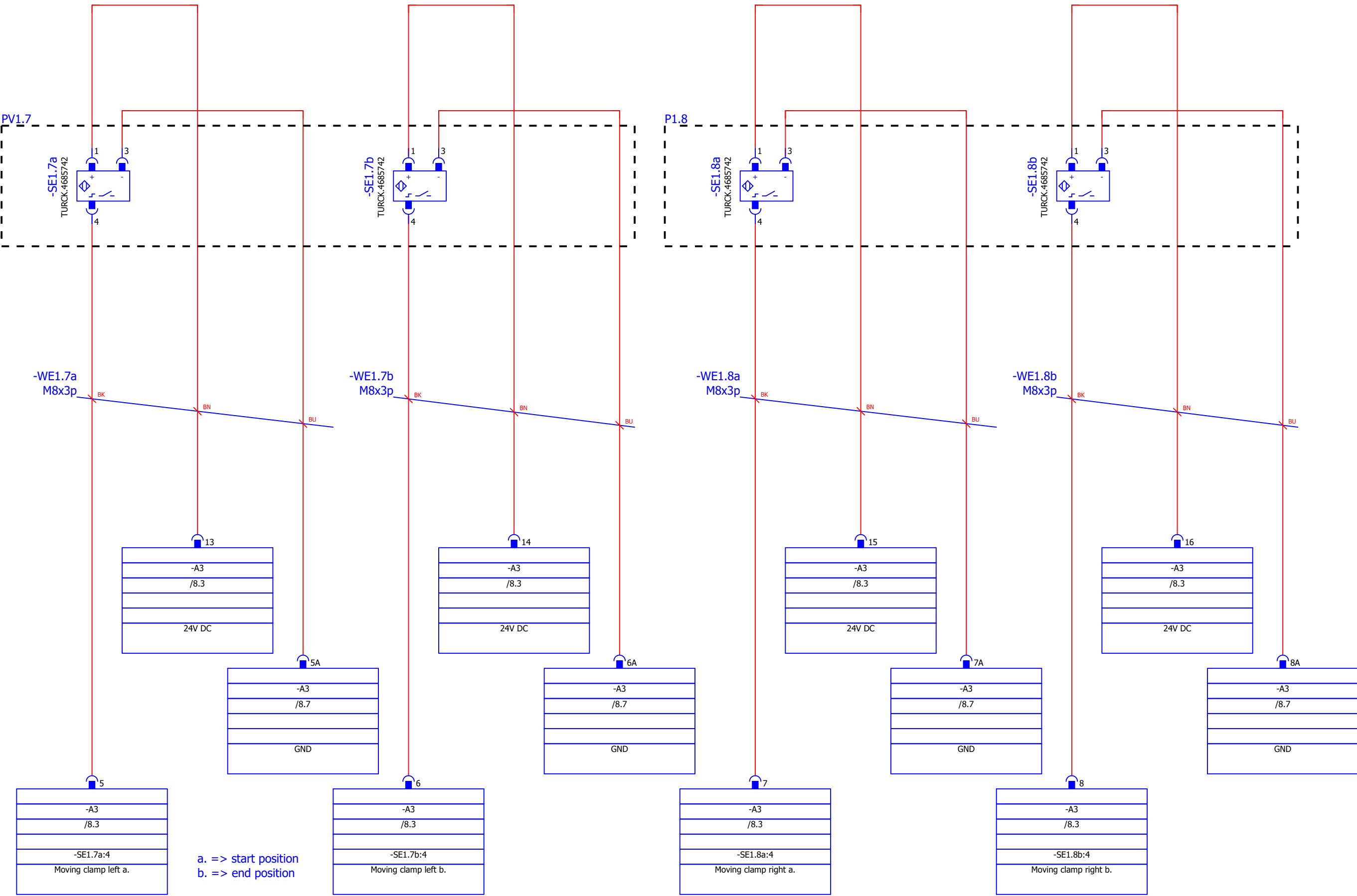
-A15
/20.1
Rack X
Slot Y

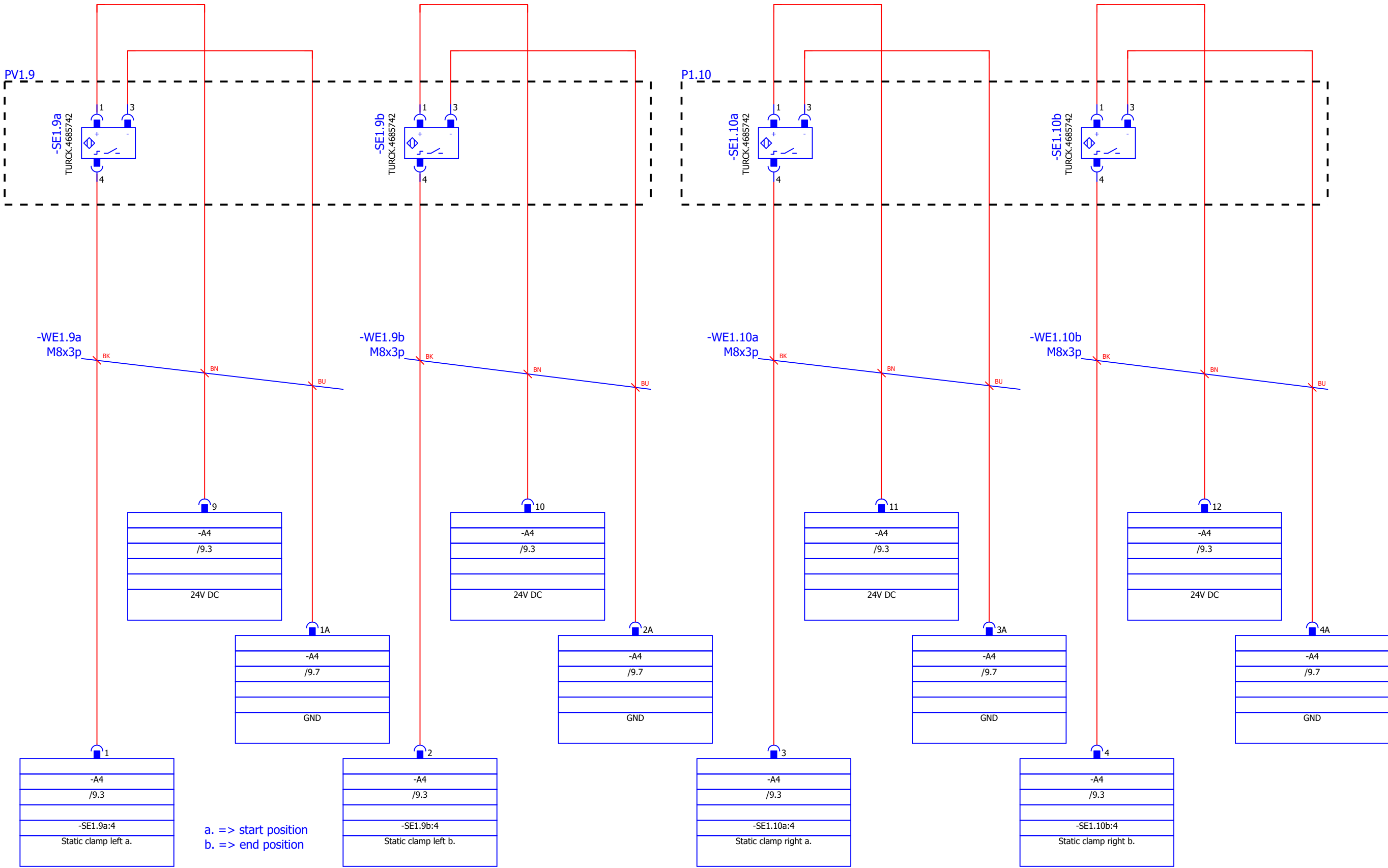


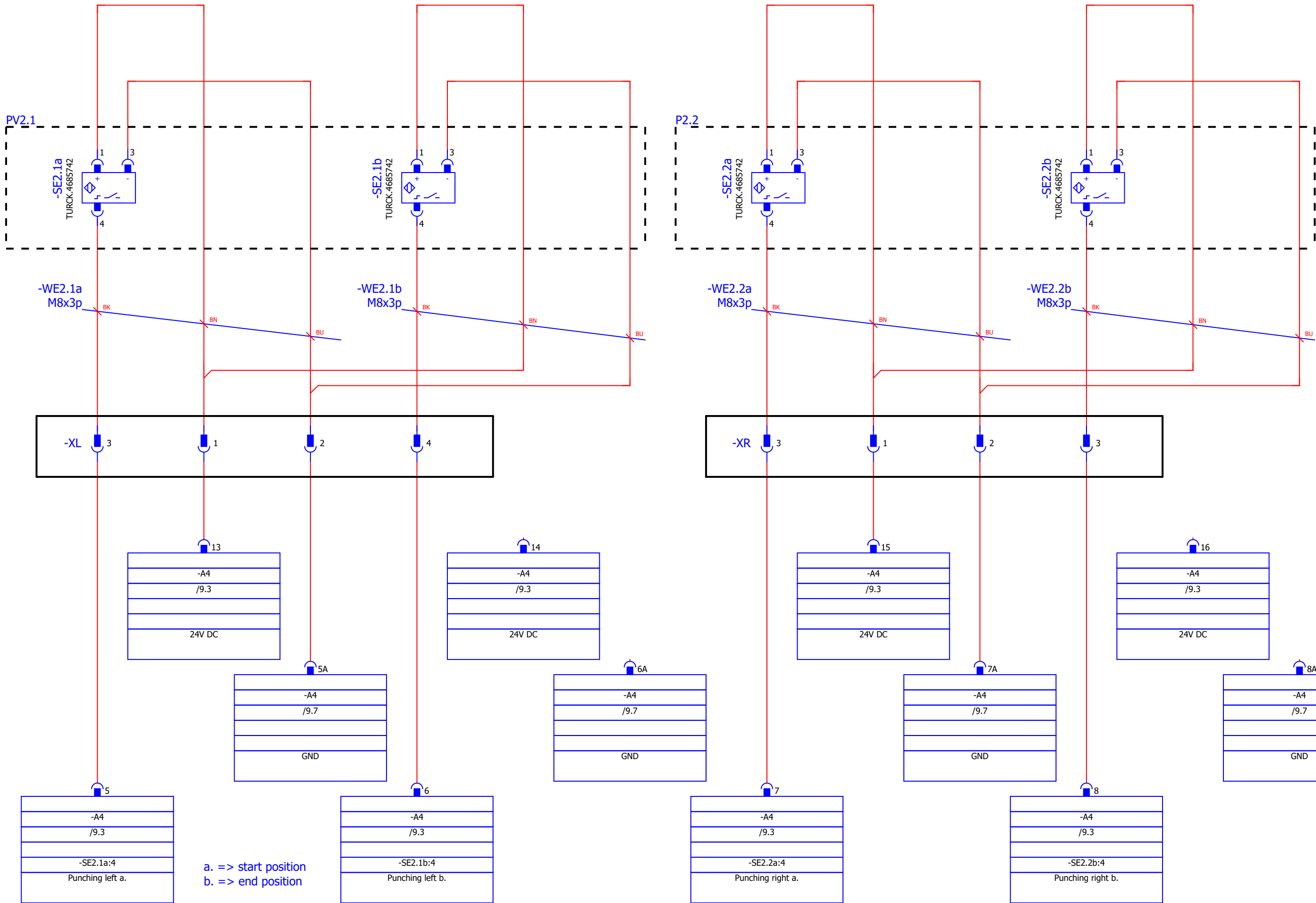
6ES7134-6HD00-0BA1 + BU15-P16+A10+2B

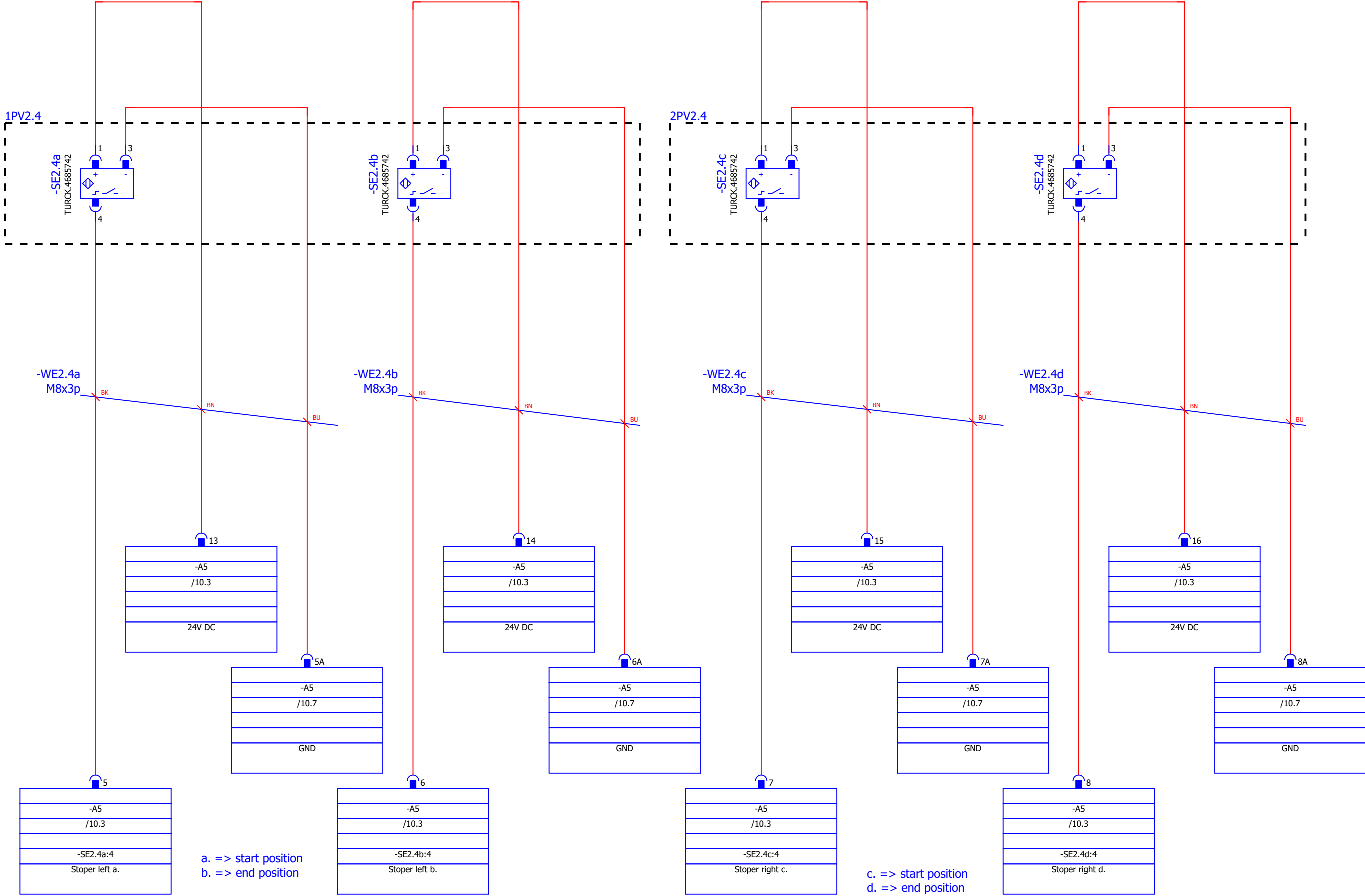


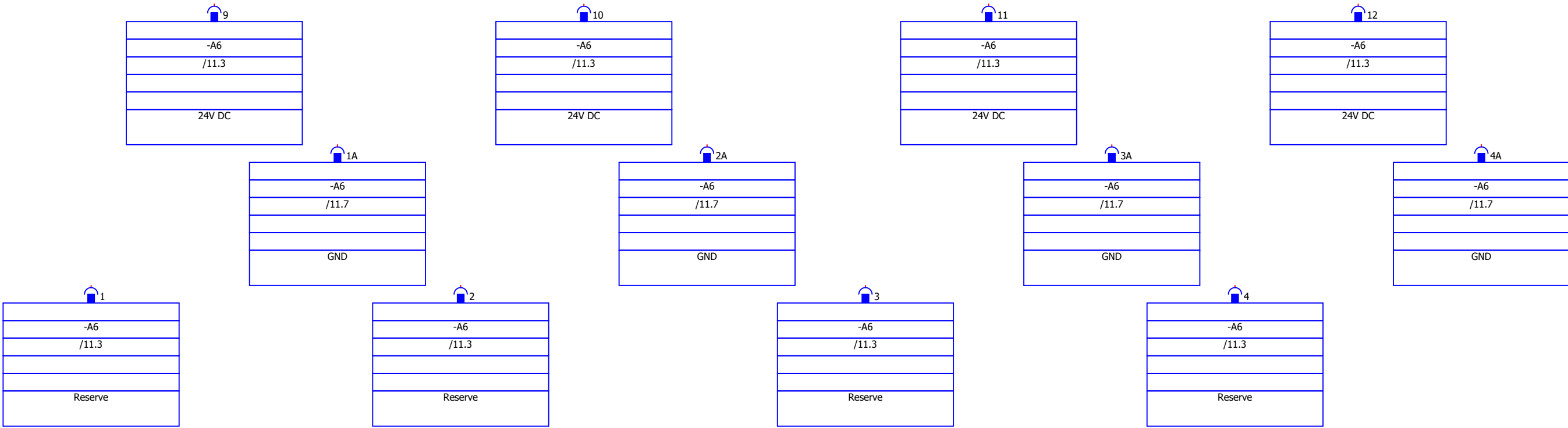


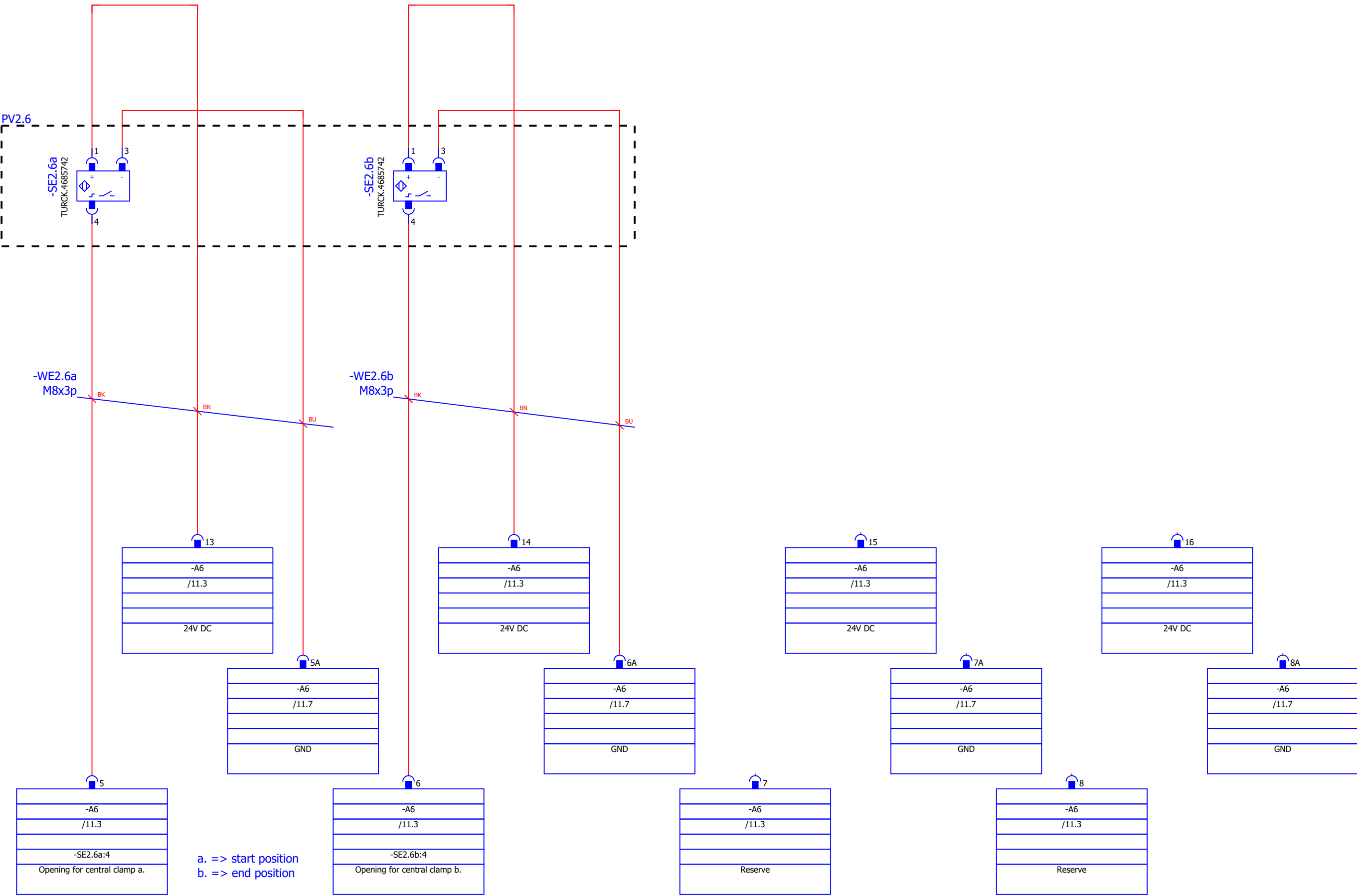


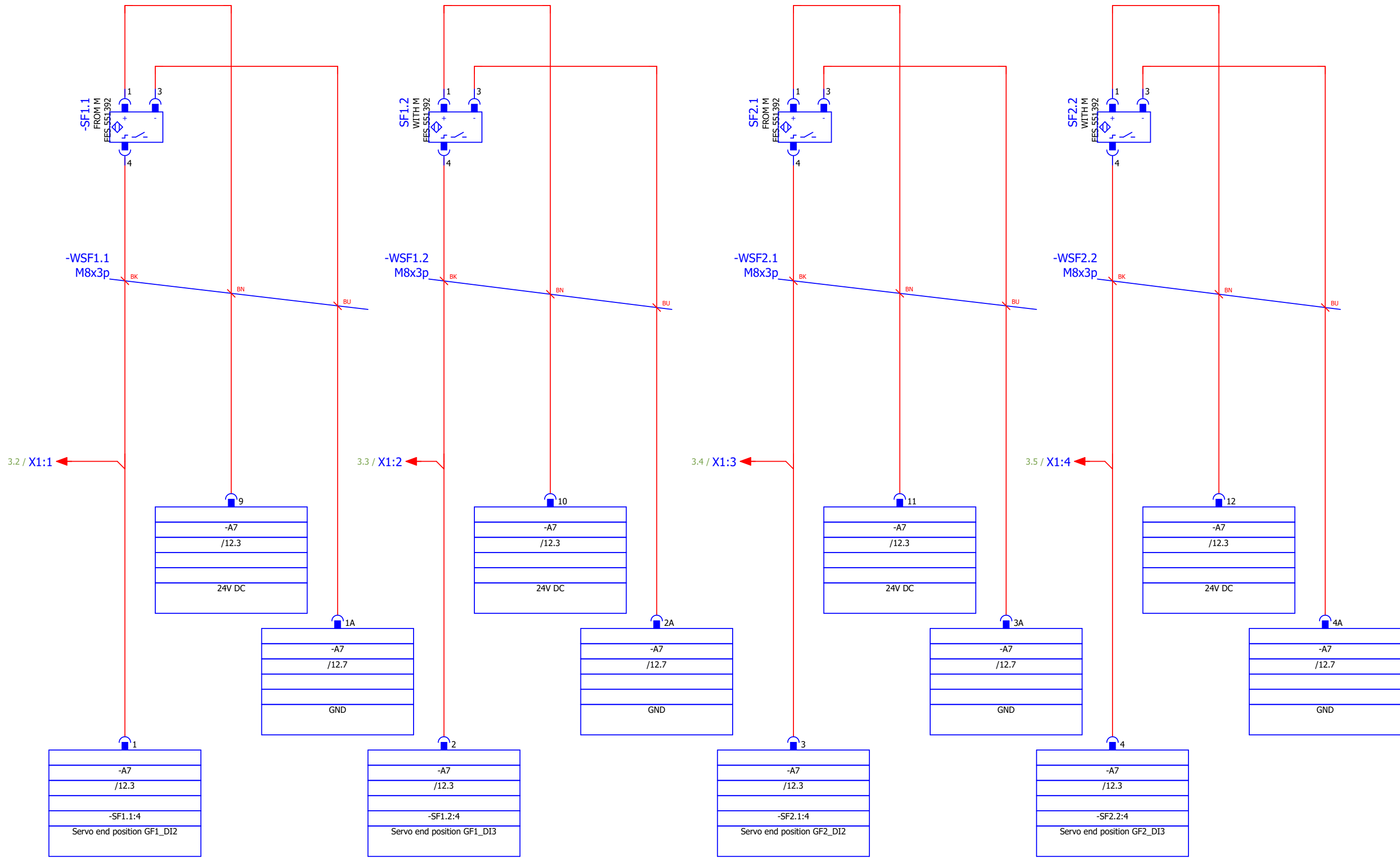


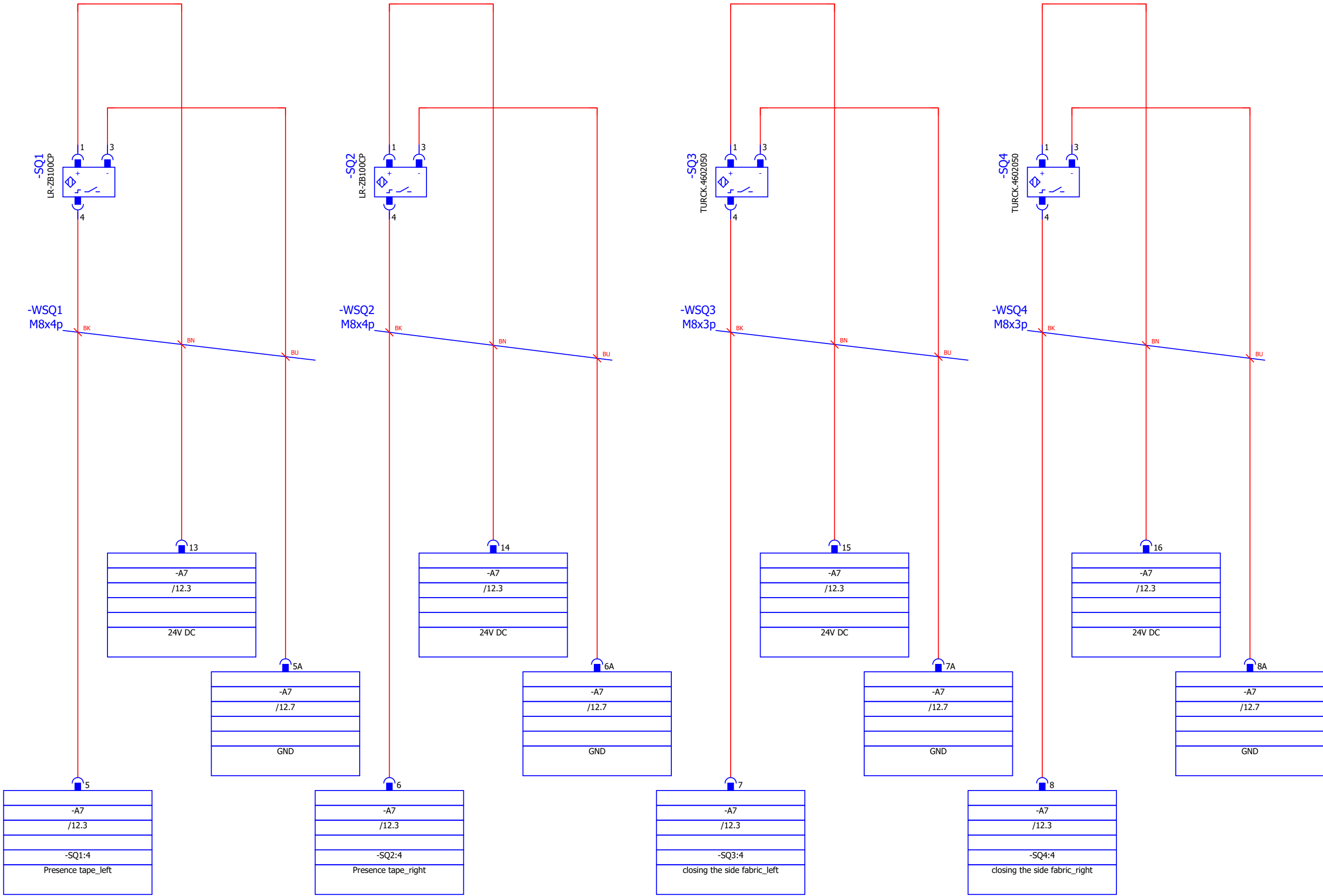


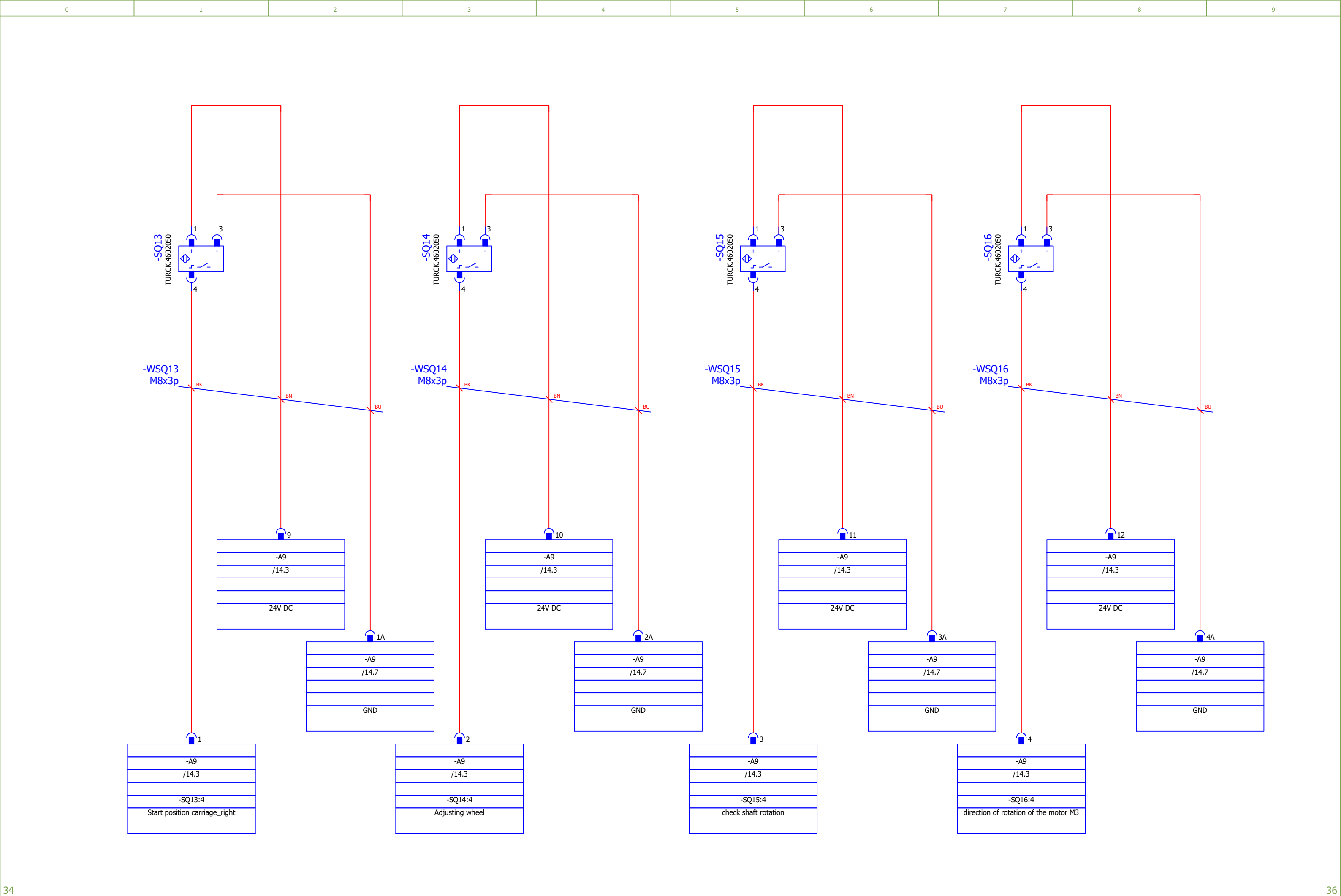


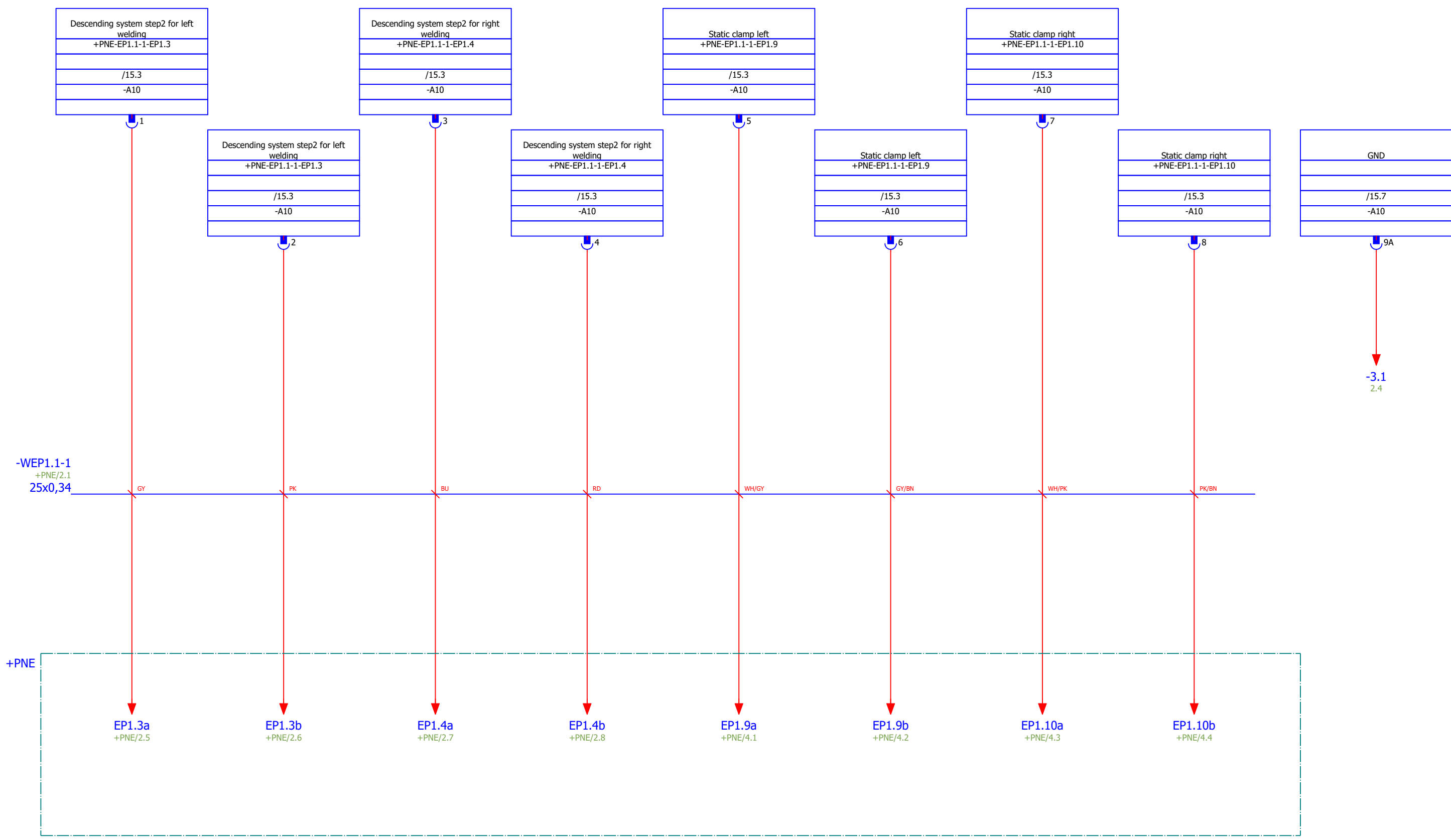


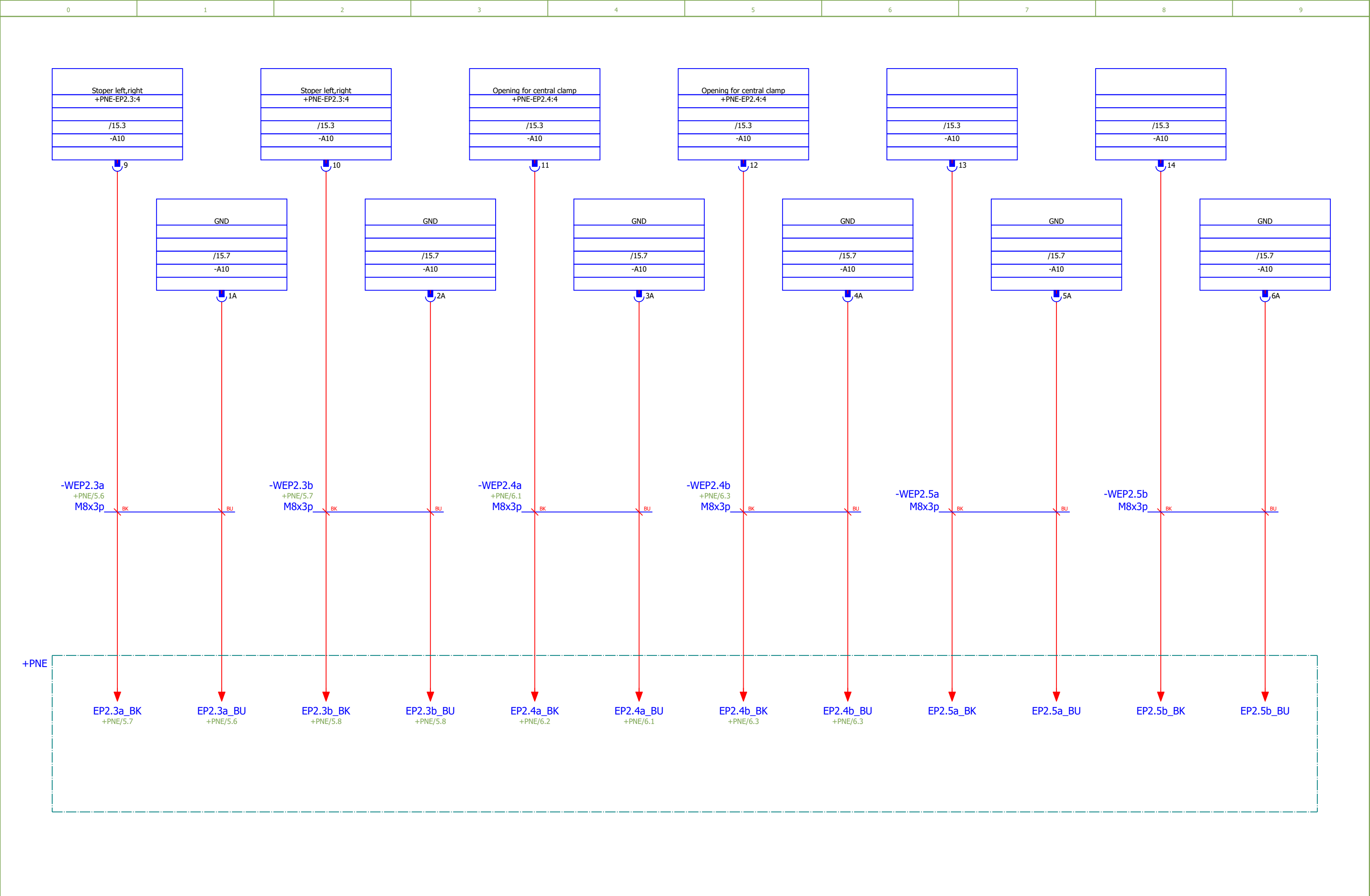


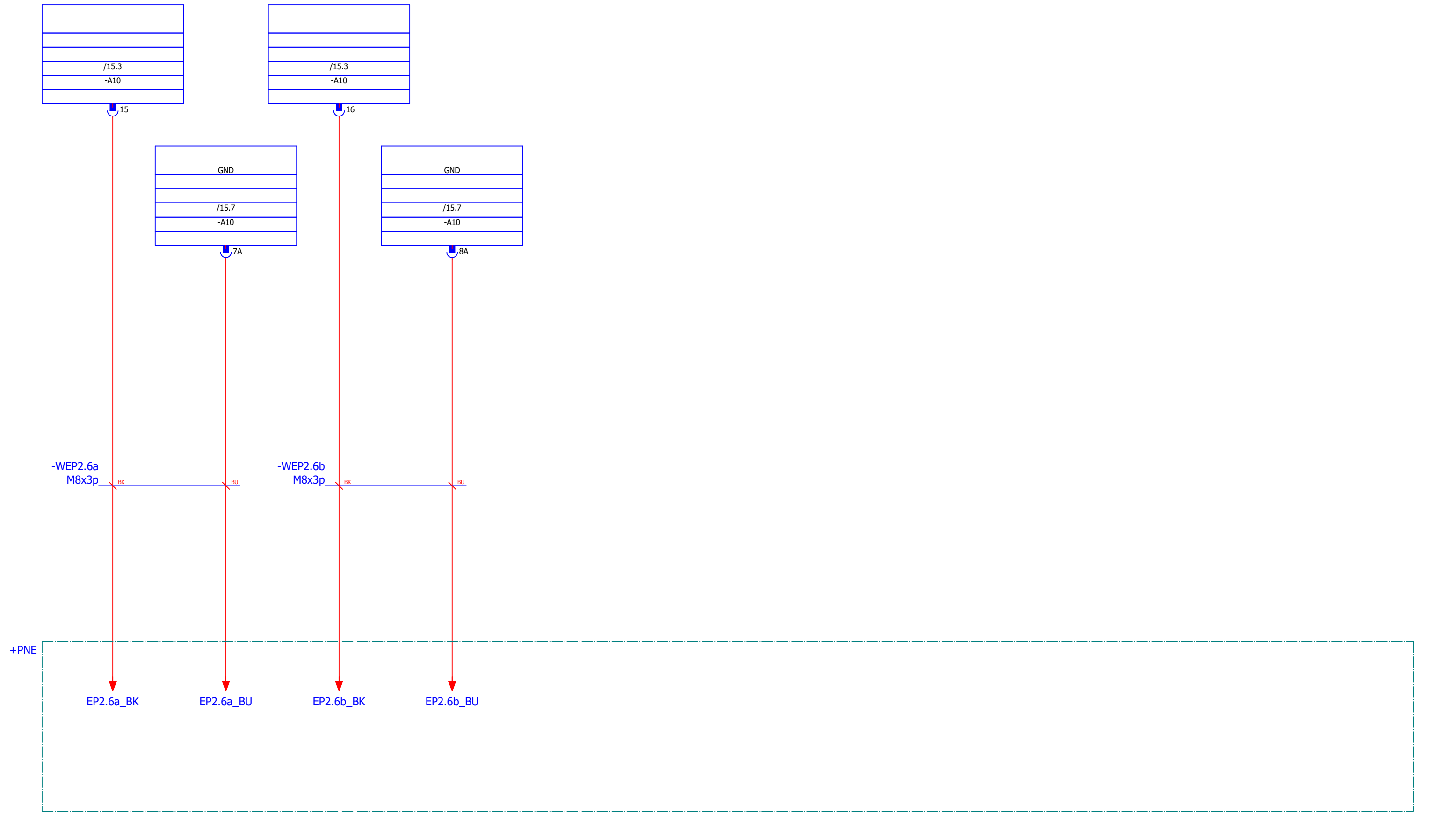


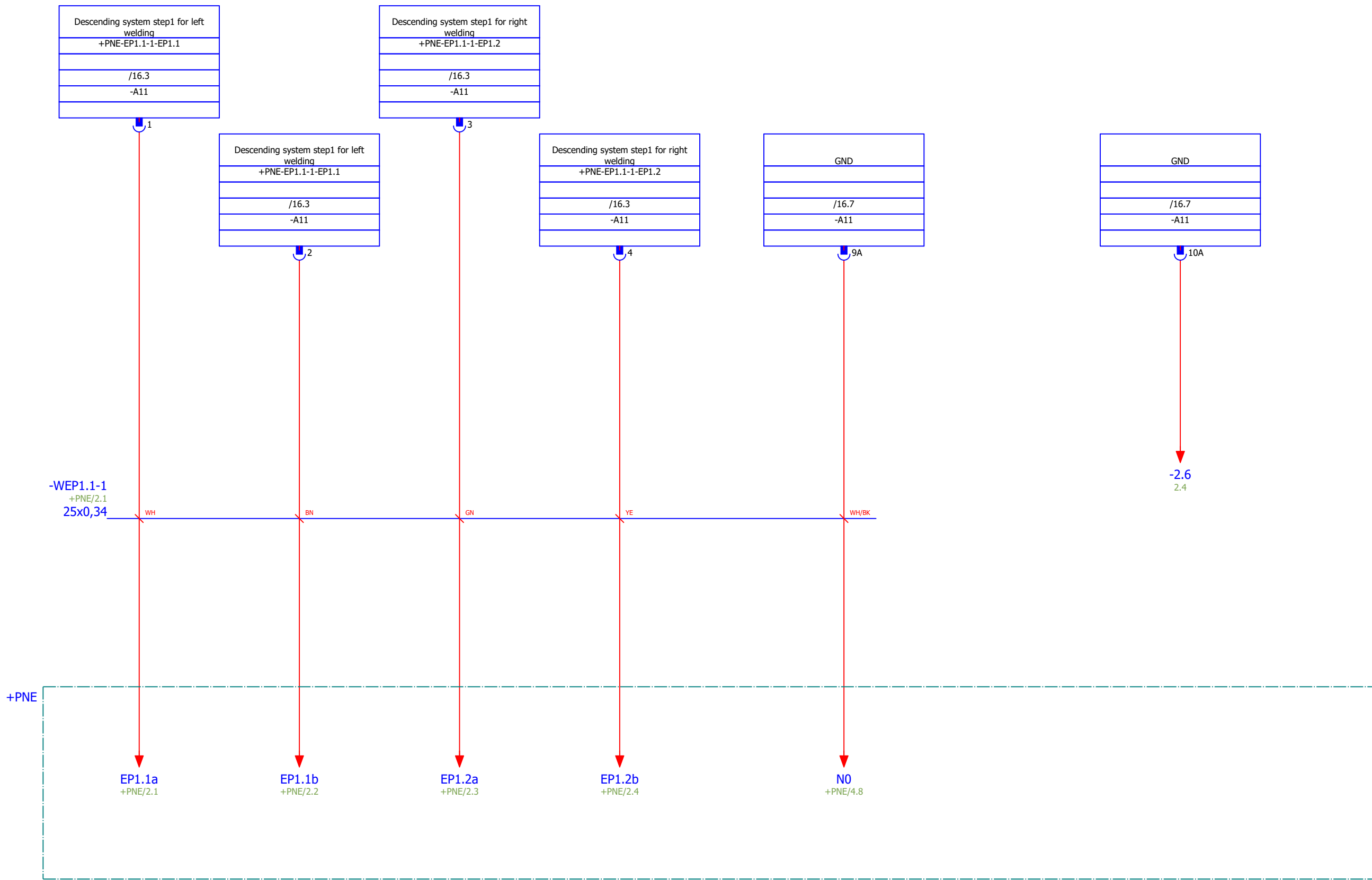


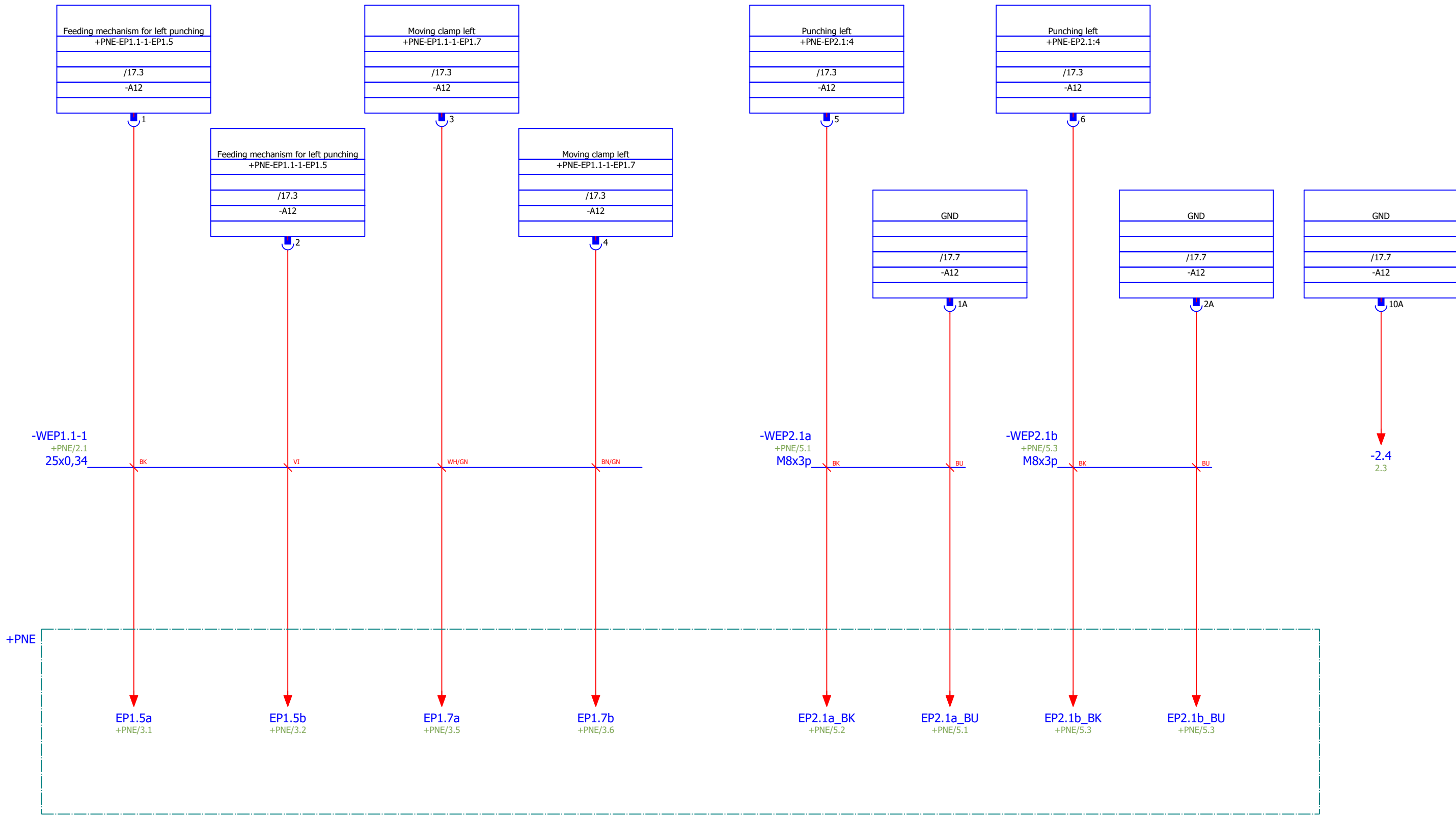


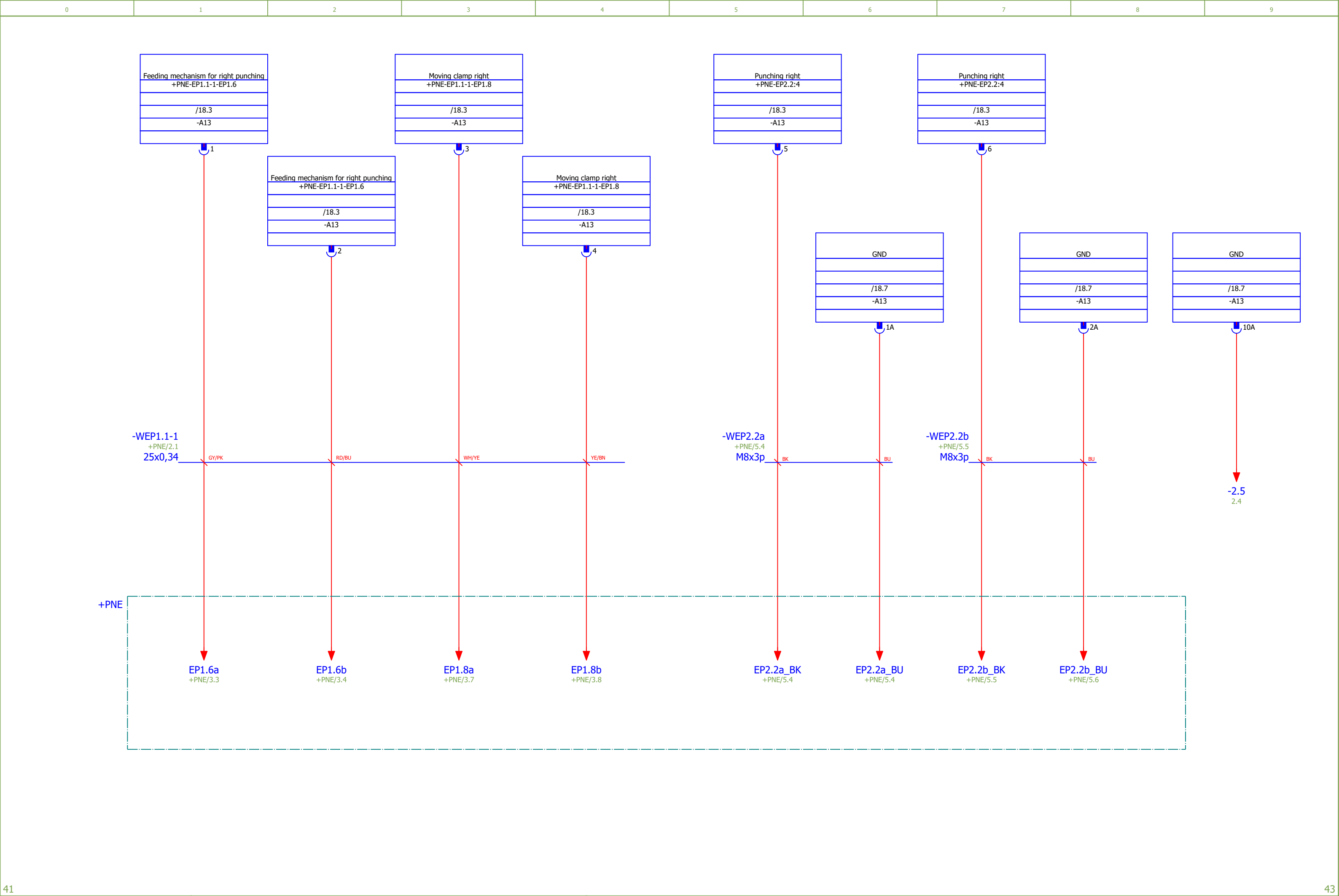


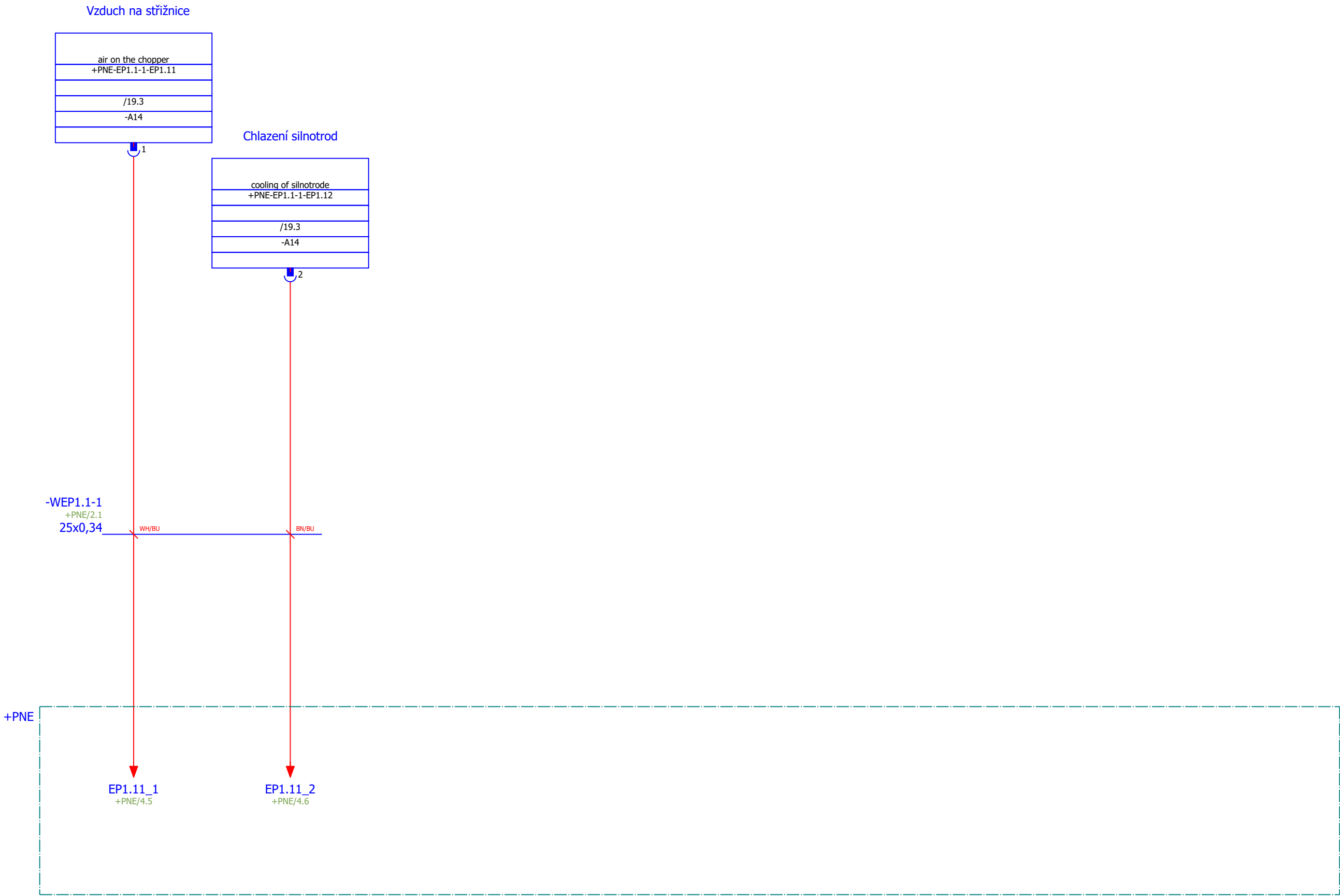


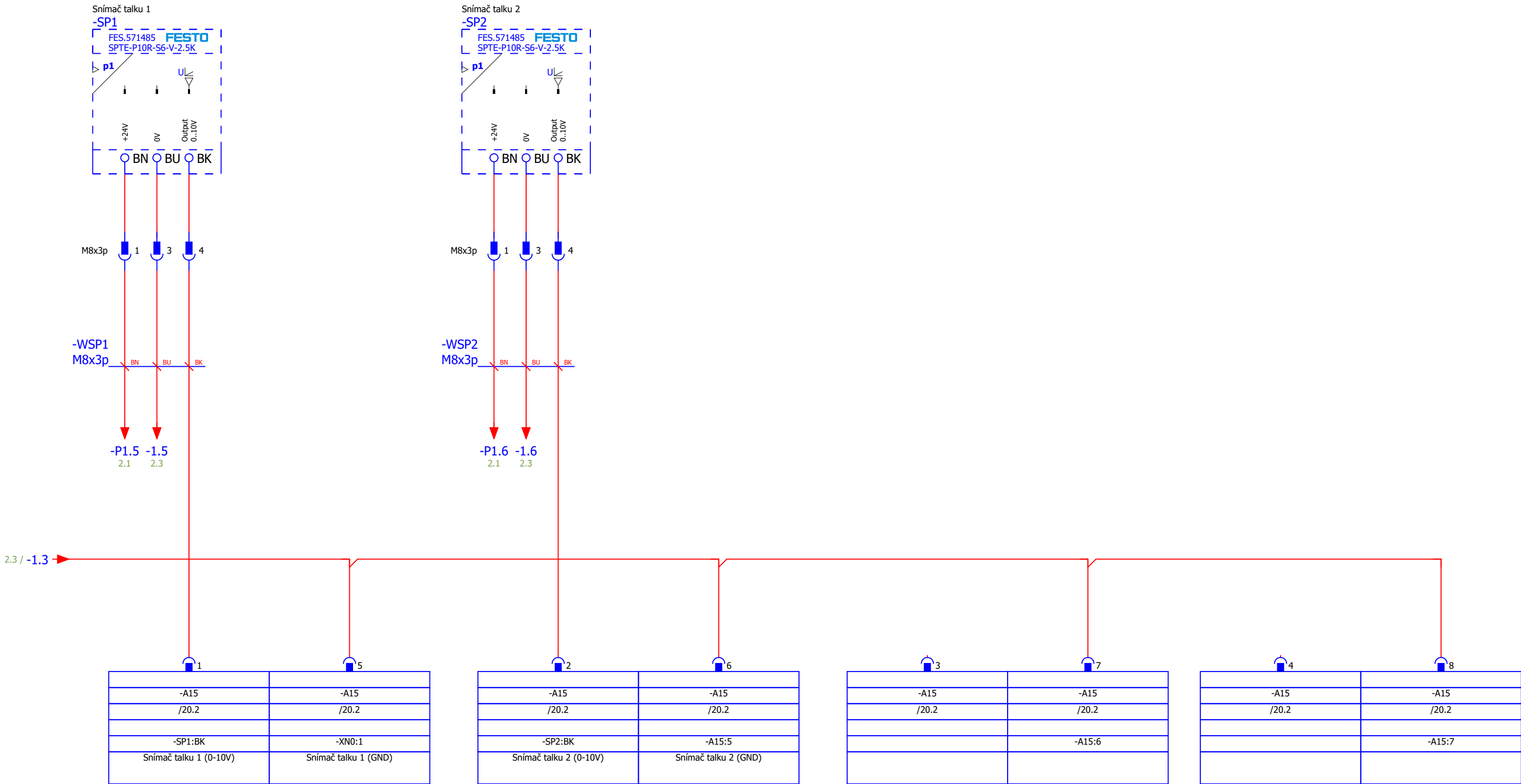










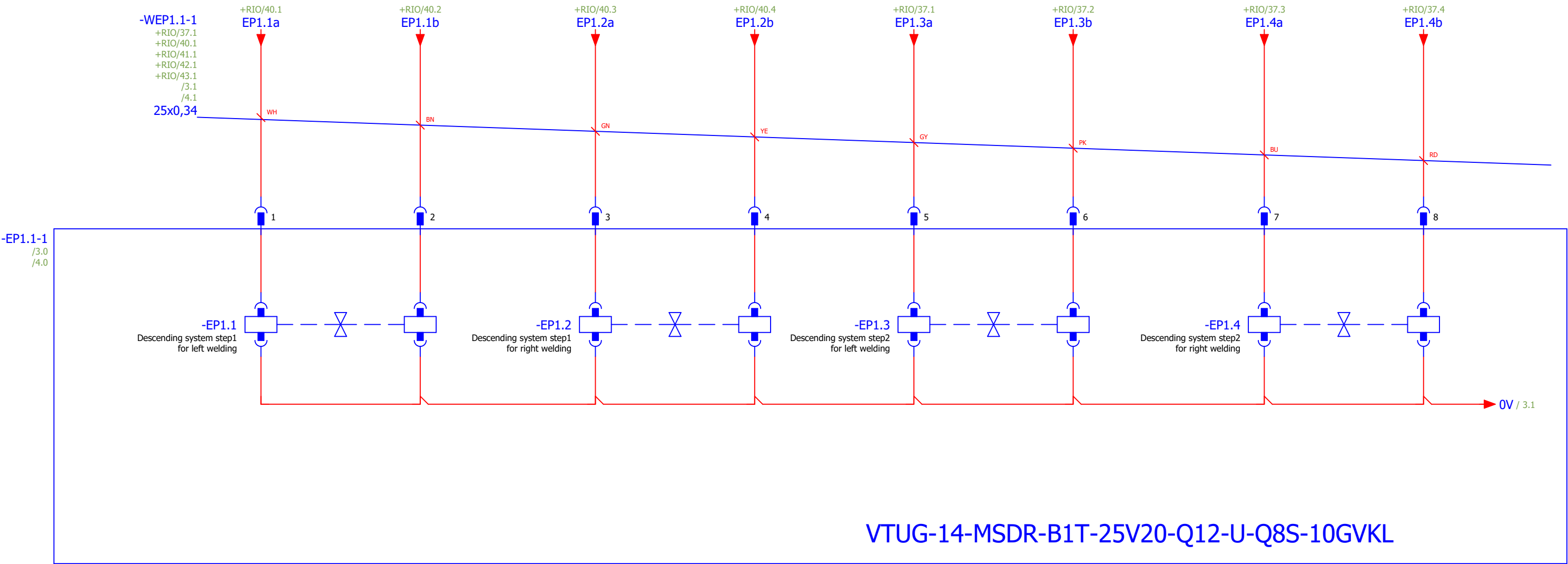
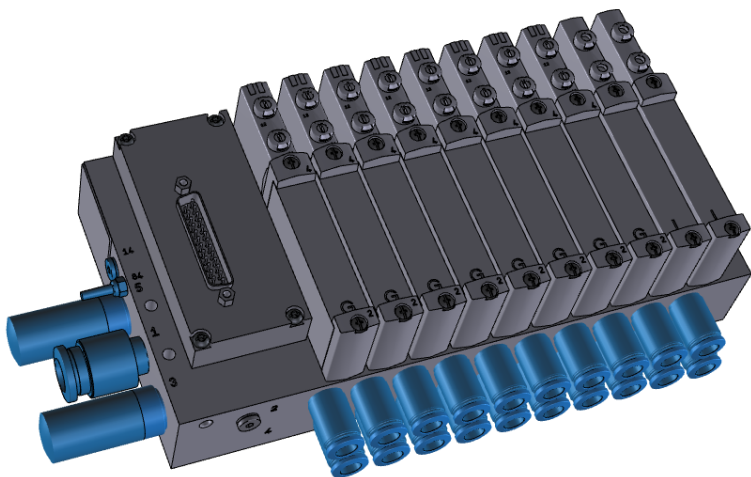


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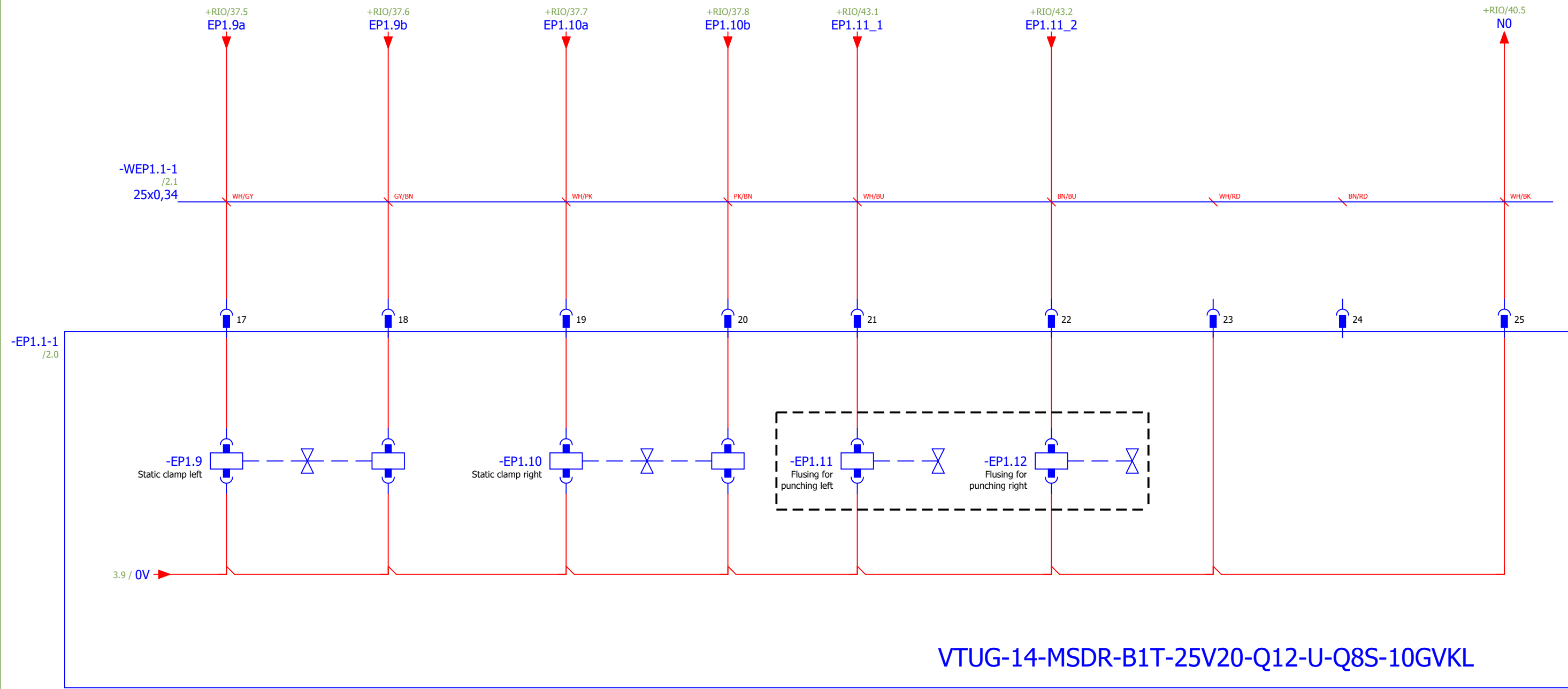
AE1060.500 Rozváděč š 600/v600/h210mm

			Date	12.06.2018	EPLAN Ultrasonic bonding station		BK Technic s.r.o	FRONT PAGE			= TER	
			Ed	Rosta							+ PNE	
			Appr									
Modification	Date	Name	Original		Replacement of	Replaced by					N18-1103	Page
										Page	84 / 89	

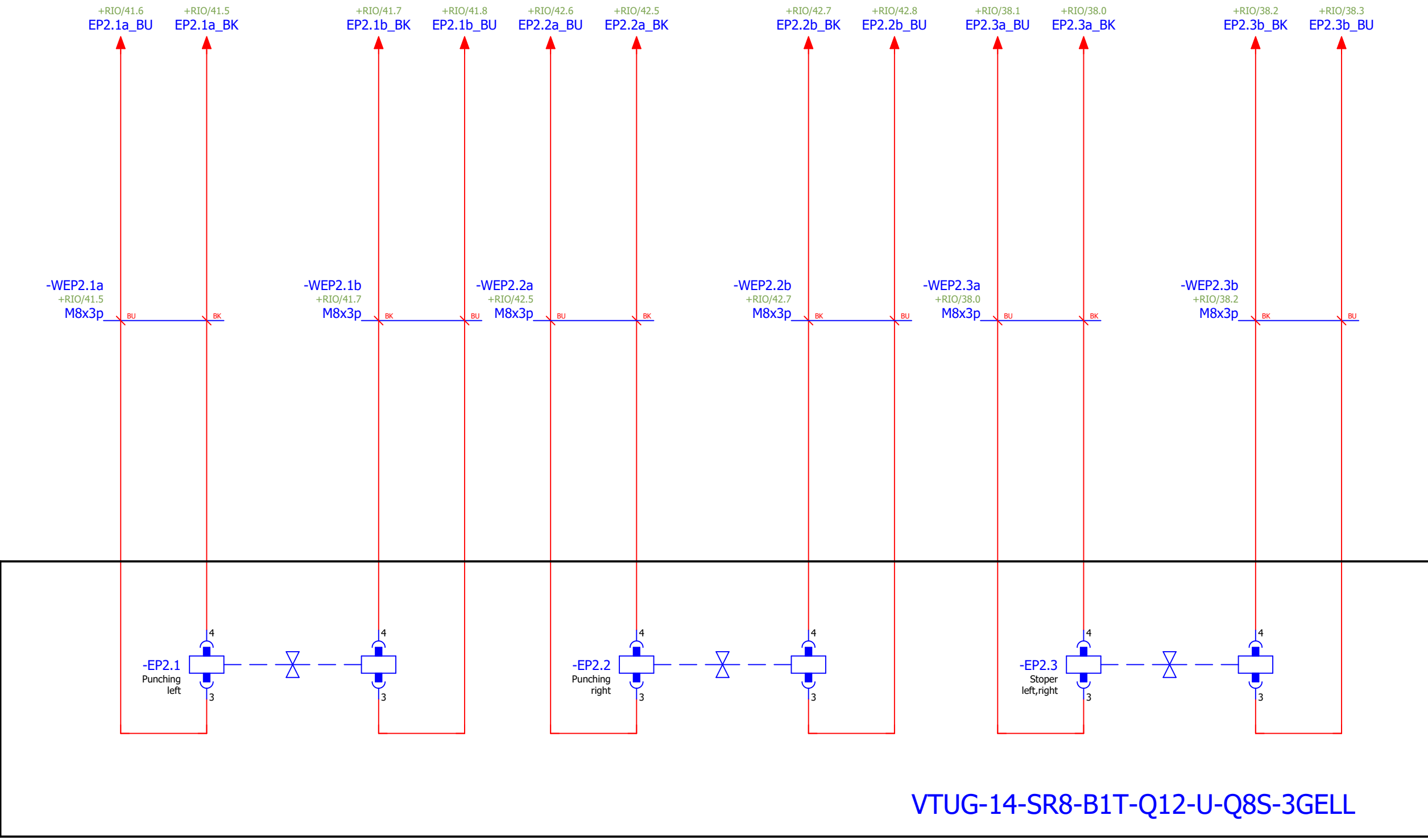
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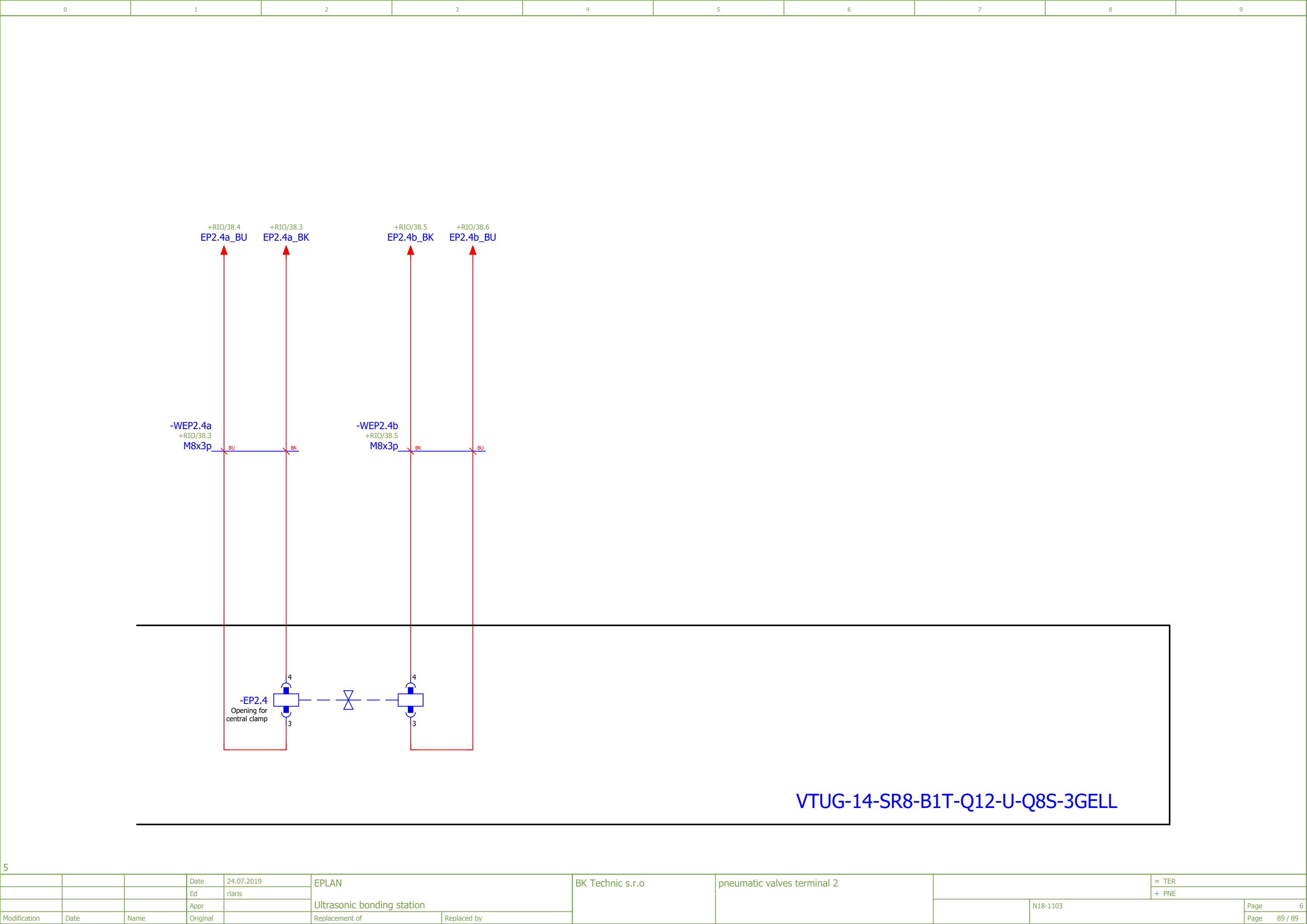


			Date	23.07.2019	EPLAN		BK Technic s.r.o	pneumatic valves terminal 1			= TER	
			Ed	rlaris							+ PNE	
			Appr						Ultrasonic bonding station			N18-1103
Modification	Date	Name	Original		Replacement of	Replaced by				Page	85 / 89	



			Date	22.07.2019	EPLAN		BK Technic s.r.o	pneumatic valves terminal 1			= TER	
			Ed	rlaris							+ PNE	
			Appr						Ultrasonic bonding station			N18-1103
Modification	Date	Name	Original		Replacement of	Replaced by					Page	87 / 89





5

			Date	24.07.2019	EPLAN		BK Technic s.r.o	pneumatic valves terminal 2			= TER	
			Ed	rlaris							+ PNE	
			Appr								Page	6
Modification	Date	Name	Original		Replacement of	Replaced by				N18-1103	Page	89 / 89