

BK Technic s.r.o

Zámecká 63 463 43 Český Dub IV www.bk-technic.cz info@bk-technic.cz

Company / customer

Project description

Job number

Inteva Products Salonta, S.R.L.

Ultrasonic bonding station

N18-1103

Manufacturer (company)

BK Technic s.r.o

Project name

N18-1103

Make Make

50 Hz

Make

24 V DC

400V AC

Make Make 8,4 kW

2019

Place of installation

Created on

22.07.2019

Edit date

24.07.2019

by (short name) Rostislav Lariš

Number of pages

| Date | 09.05.2017 | EPLAN | | Ed | Rostislav Lariš | Ultrasonic bonding station | Replaced by | Re

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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-UE10-3OS2DO
=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	Contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD3	Schneider Electric	SE.LP1K0601BD3
=TER+RM1-RM3	1	contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD	Schneider Electric Schneider Electric	SE.LP1K0601BD
=TER+RM1-RM4	1	contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD	Schneider Electric Schneider Electric	SE.LP1K0601BD
=TER+RM1-RM5	1	contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD	Schneider Electric Schneider Electric	SE.LP1K0601BD
=TER+RM1-KM6	1	contactor TeSys LP1-K - 3P - AC-3 440V 6A	LP1K0601BD	Schneider Electric Schneider Electric	SE.LPIK0601BD
=TER+RM1-KM6 =TER+RM1-KR1	1	Cabinet with one hole	XALD01	Schneider Electric Schneider Electric	SE.XALD01
=TER+RM1-RR1 =TER+RM1-KR1-S4	1		ZB5AW333	Schneider Electric Schneider Electric	SE.ZB5AW333
=TER+RM1-KR1-S4 =TER+RM1-KR1-S4	1	pushbutton head for Harmony XB5 green LED single contact block for use with XB5 Ø 22mm control, signalling units			
	1		ZENL1111 7ALVP2	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 Schneider Flectrie	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	SE.BMH0701T06A1A
=TER+RM1-MAJ1	1	LED Beacon	TL50HGYRAQ	TURCK	TURCK.TL50HGYRAQ
=TER+RM1-Q1	1	The main switch-yellow-red handle	OHYS3AH	ABB	ABB.OHYS3AH
=TER+RM1-Q1	1	The main switch-contacts	OT40FT3	ABB	ABB.OT40FT3

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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
FER+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
FER+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
ΓER+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
ΓER+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
FER+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  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
FER+RIO-A9	1			SIEMENS	SIE.6ES/132-6BH00-0BA0+BU15-P16+A10+2D
	1	Digital output module DQ 16x24VDC/0.5A ST	6ES7132-6BH00-0BA0 / 6ES7193-6BP20-0DA0		
FER+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 AO, 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
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TER+RIO-SE1.6b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
FER+RIO-SE1.7a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
FER+RIO-SE1.7b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
FER+RIO-SE1.8a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
ΓER+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
FER+RIO-SE1.9b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
ER+RIO-SE1.10a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
ER+RIO-SE1.10b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
ER+RIO-SE2.1a	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
ER+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-P5G3S	TURCK	TURCK.4685742
TER+RIO-SE2.4b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
FER+RIO-SE2.4c	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
TER+RIO-SE2.4C	1	Snímač do T drážky	·		
LKTKIU-SEZ.HU	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK TURCK	TURCK.4685742  TURCK.4685742

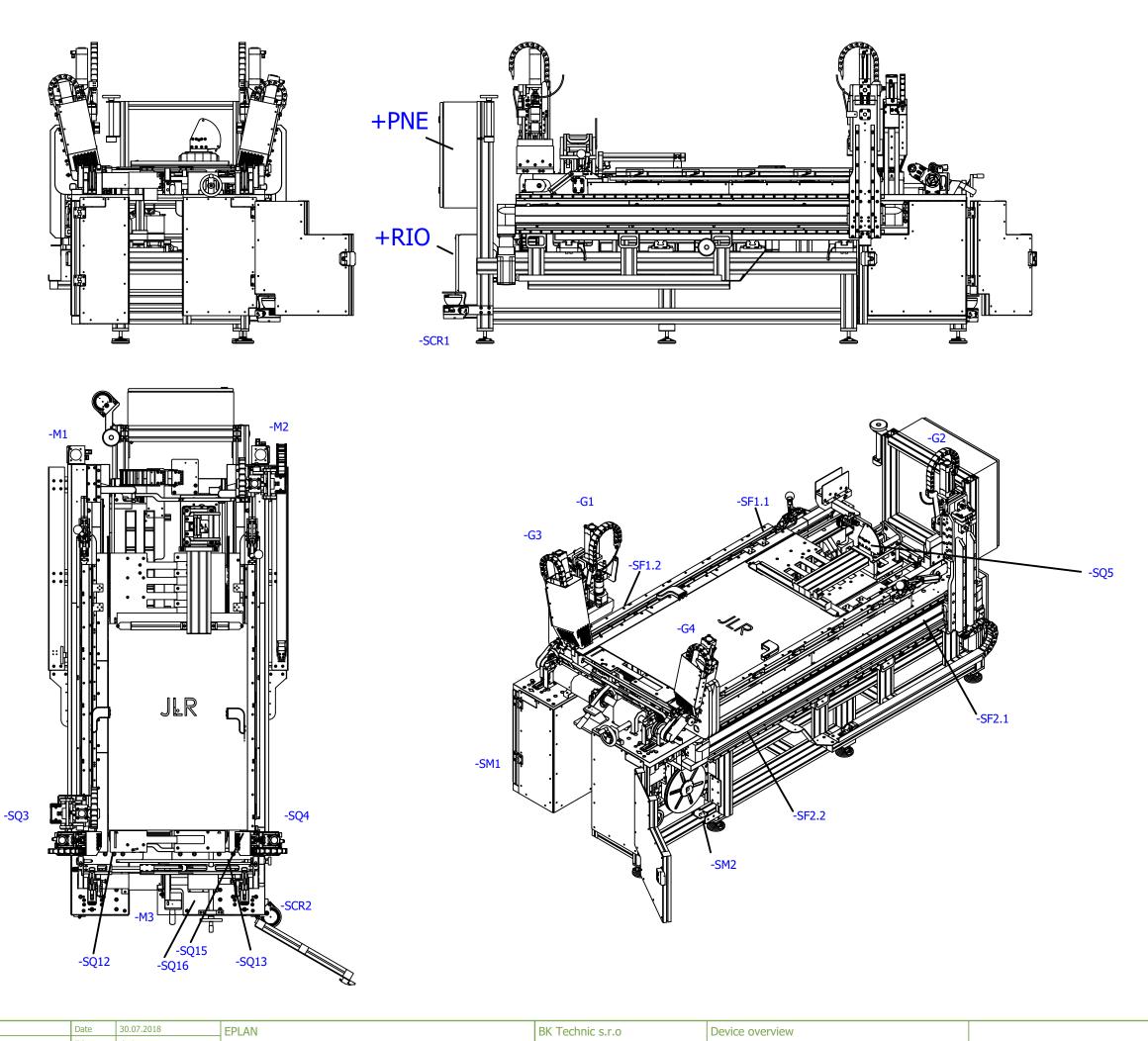
BK Technic s.r.o PARTS LIST Date 23.07.2019 EPLAN

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			Appr		Ultrasonic bonding station			N18-1103		Page	3.a
Modification	Date	Name	Original		Replacement of	Replaced by				Page	6 / 89

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## Parts list

Device tag	Quantity	Designation	Type number	Supplier	Part number
=TER+RIO-SE2.6b	1	Snímač do T drážky	BIM-UNT-AP7X-0,3-PSG3S	TURCK	TURCK.4685742
=TER+RIO-SF1.1	1	Proximity Sensor	SIES-8M-PO-24V-K-0,3-M8D	Festo	FES.551392
=TER+RIO-SF1.2	1	Proximity Sensor	SIES-8M-PO-24V-K-0,3-M8D	Festo	FES.551392
=TER+RIO-SF2.1	1	Proximity Sensor	SIES-8M-PO-24V-K-0,3-M8D	Festo	FES.551392
=TER+RIO-SF2.2	1	Proximity Sensor	SIES-8M-PO-24V-K-0,3-M8D	Festo	FES.551392
=TER+RIO-SP1	1	Pressure transmitter	SPTE-P10R-S6-V-2.5K	Festo	FES.571485
=TER+RIO-SP2	1	Pressure transmitter	SPTE-P10R-S6-V-2.5K	Festo	FES.571485
=TER+RIO-SP3	1	Pressure transmitter	SPTE-P10R-S6-V-2.5K	Festo	FES.571485
=TER+RIO-SP4	1	Pressure transmitter	SPTE-P10R-S6-V-2.5K	Festo	FES.571485
=TER+RIO-SQ1	1	Laser KEYENCE LR-ZB100CP	LR-ZB100CP	KEYENCE	KEY.LR-ZB100CP
=TER+RIO-SQ2	1	Laser KEYENCE LR-ZB100CP	LR-ZB100CP	KEYENCE	KEY.LR-ZB100CP
=TER+RIO-SQ3	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ4	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ5	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ6	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ7	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ8	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ9	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ10	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ11	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ12	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ13	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
=TER+RIO-SQ14	1		BI2-EG08-AP6X-V1131	TURCK	TURCK.4602050
		Proximity sensors			
=TER+RIO-SQ15	1	Proximity sensors	BI2-EG08-AP6X-V1131	TURCK TURCK	TURCK.4602050
=TER+RIO-SQ16	1	Proximity sensors	BI2-EG08-AP6X-V1131		TURCK.4602050
=TER+XAL01-ES2	1	Push Button Head RED Trigger Action	ZB5AS844	Schneider Electric	SE.ZB5AS844
=TER+XAL01-ES2 =TER+PNE-EP1.1-1	2	CONTACT BLOCK, 1NC, 6A, SCREW/CLAMP	ZBE102	Schneider Electric	SE.ZBE102 FES.VTUG-14-MSDR-B1T-25V20-Q12-U-Q8S-10GVKL



=TER+RM1/1

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| Fig. | Fig.

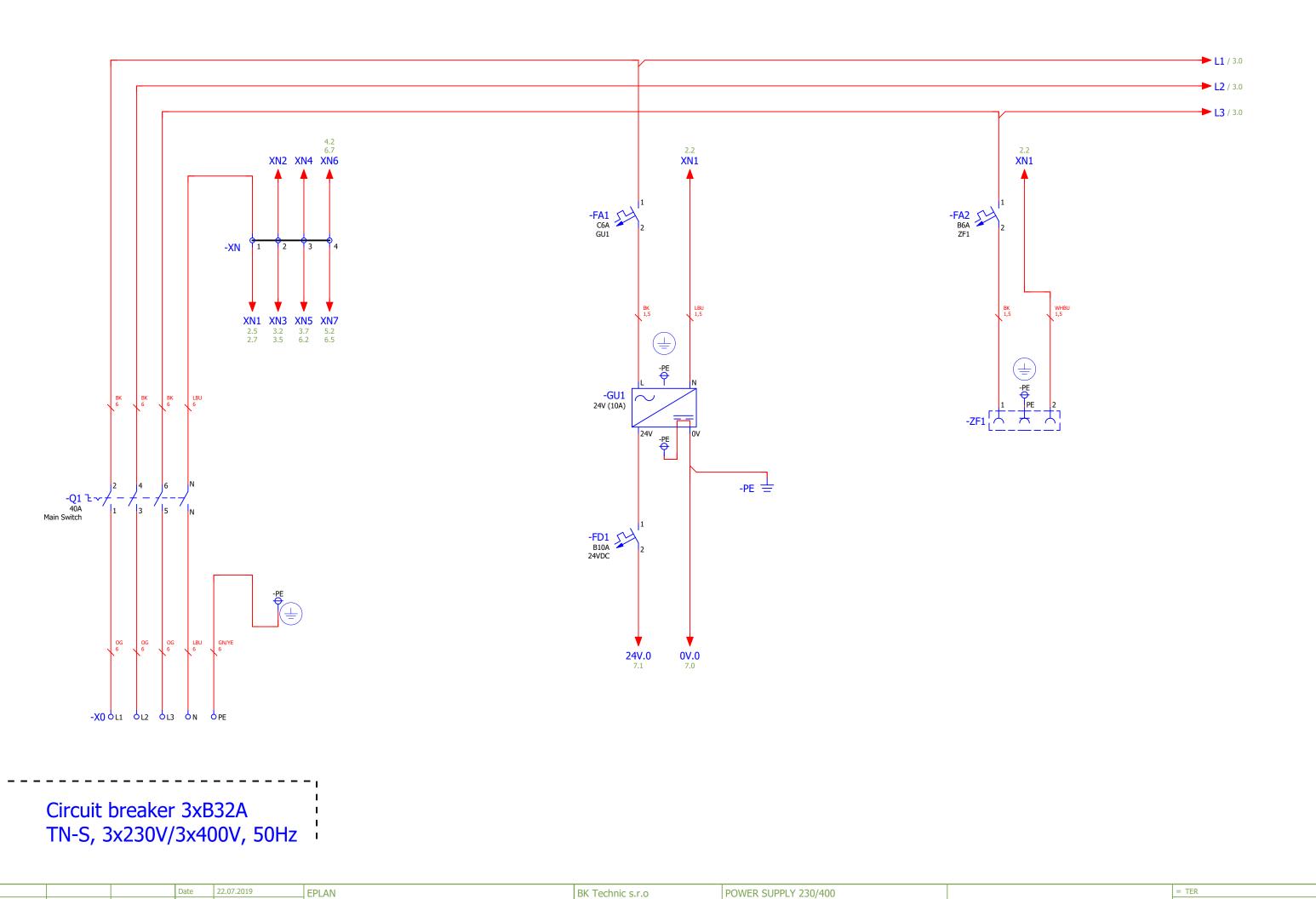
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The main electrical box

TS8265.500 TS8, švh 1200x1600x500mm

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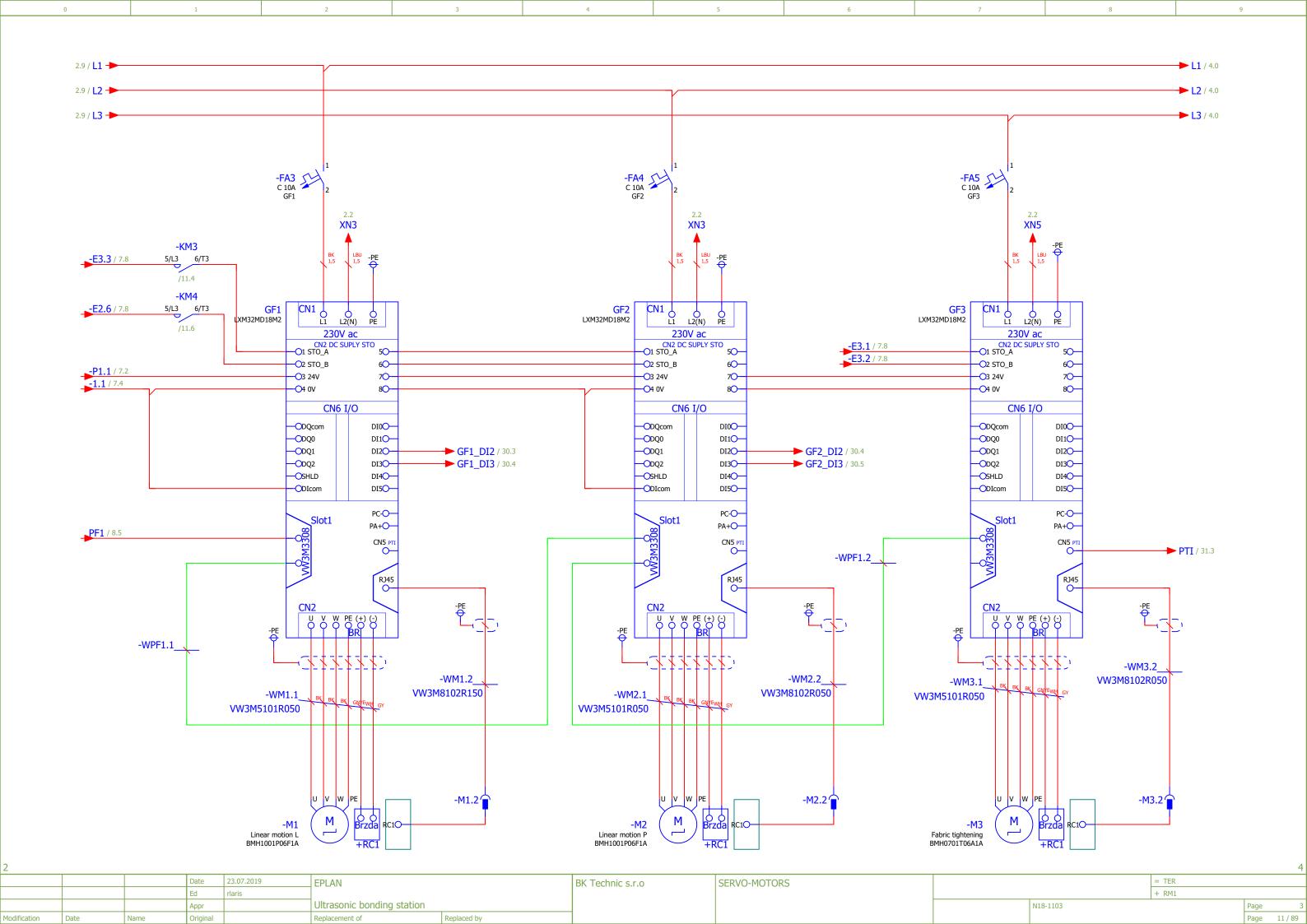


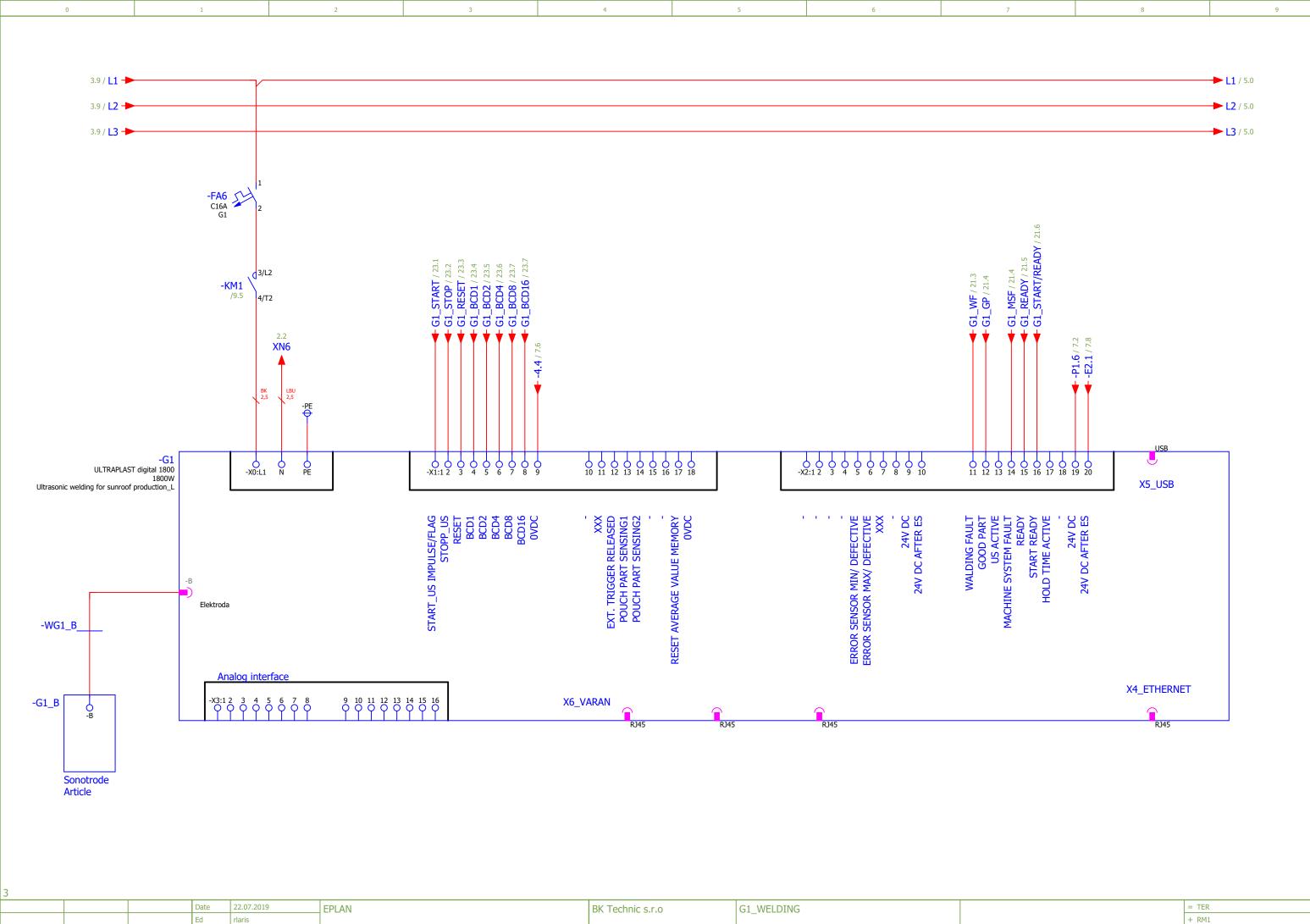
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Ultrasonic bonding station

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+ RM1

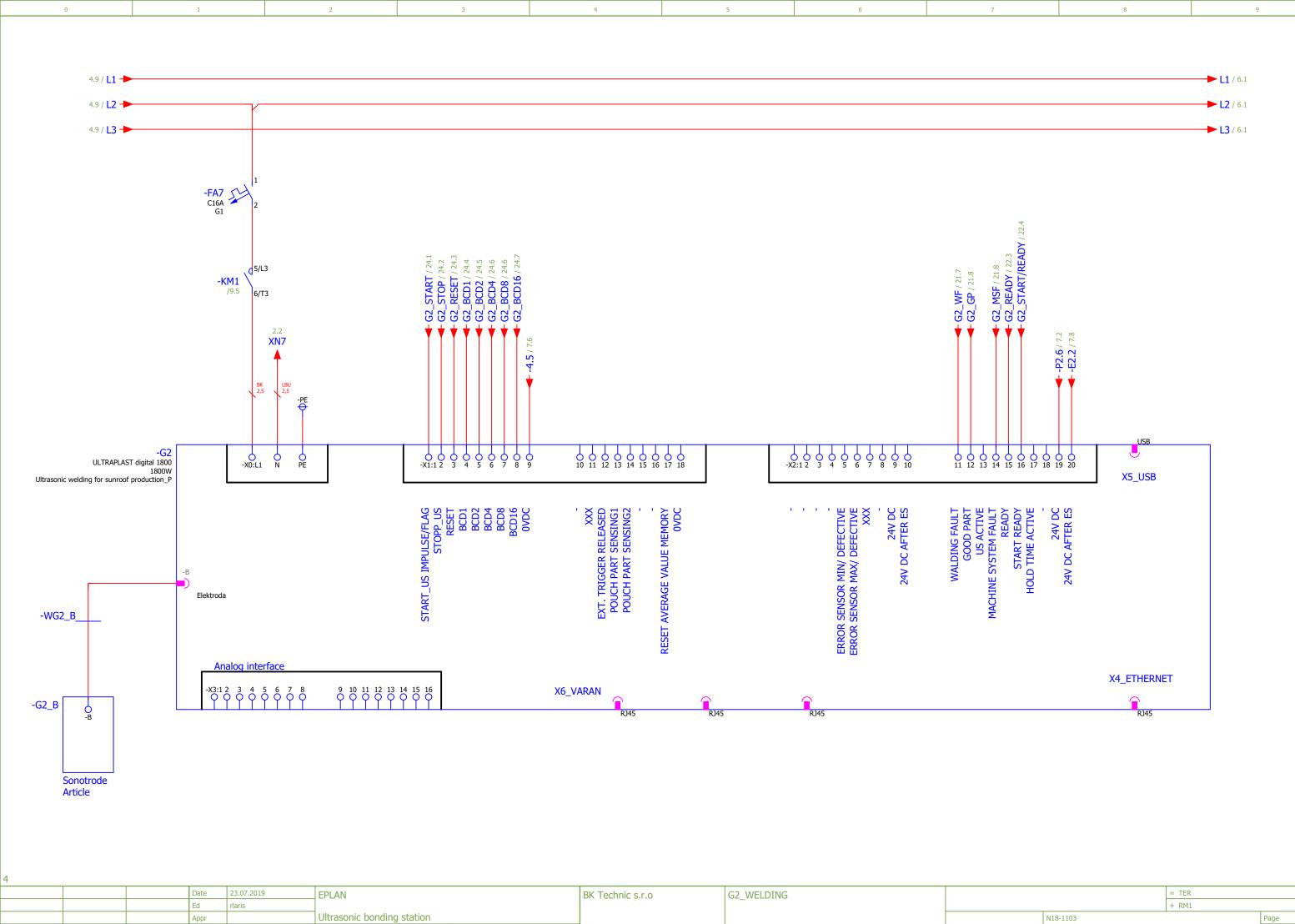




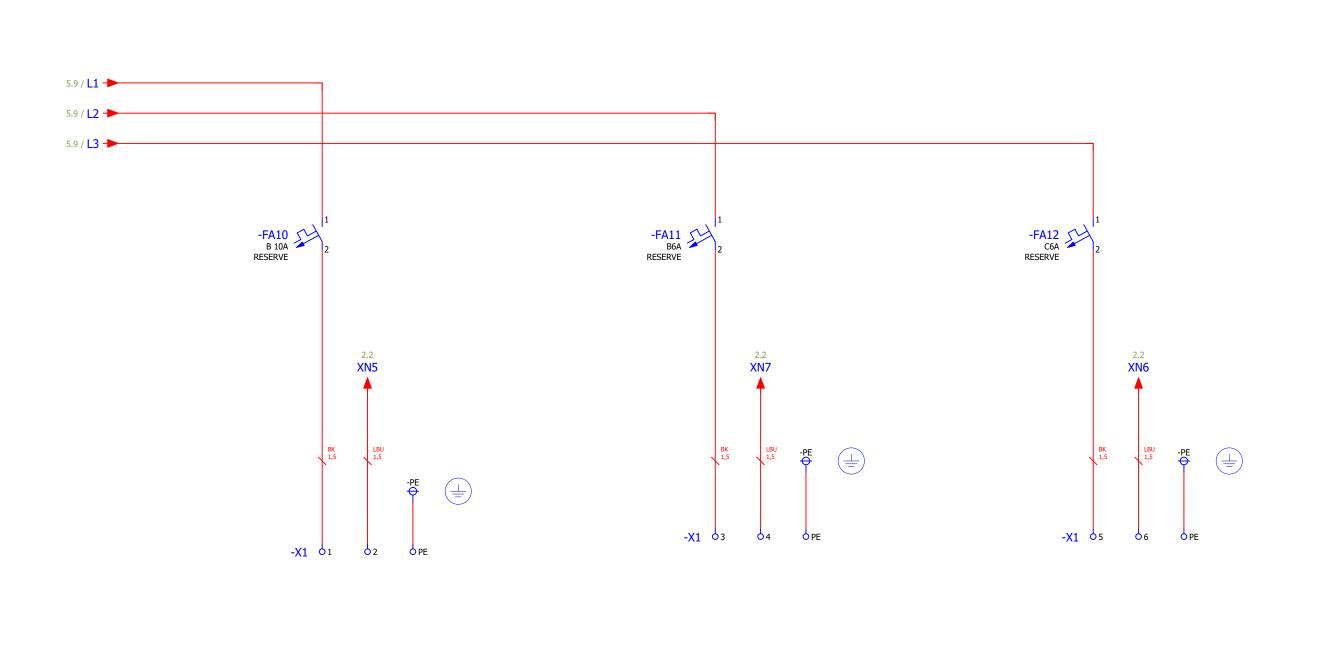
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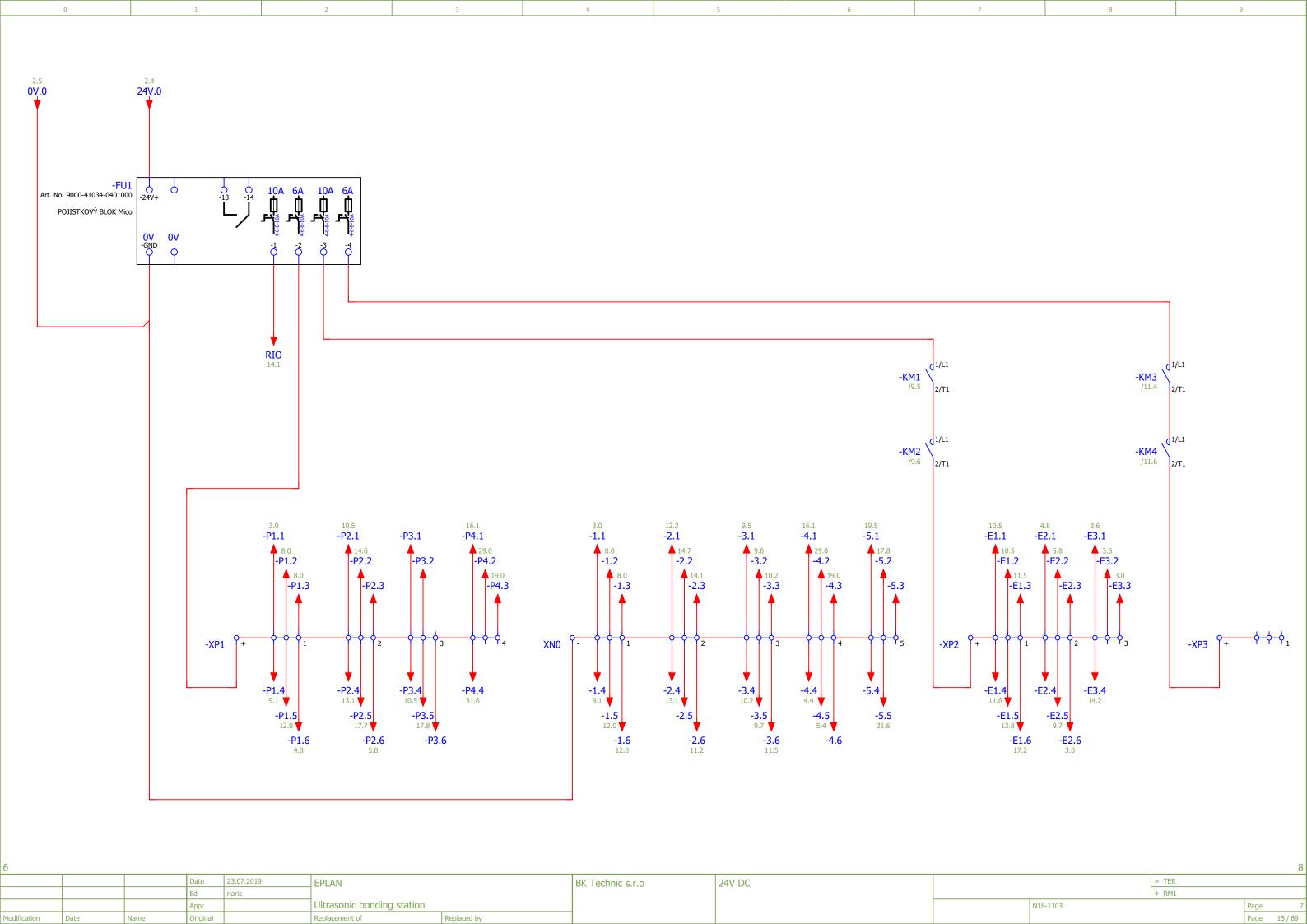
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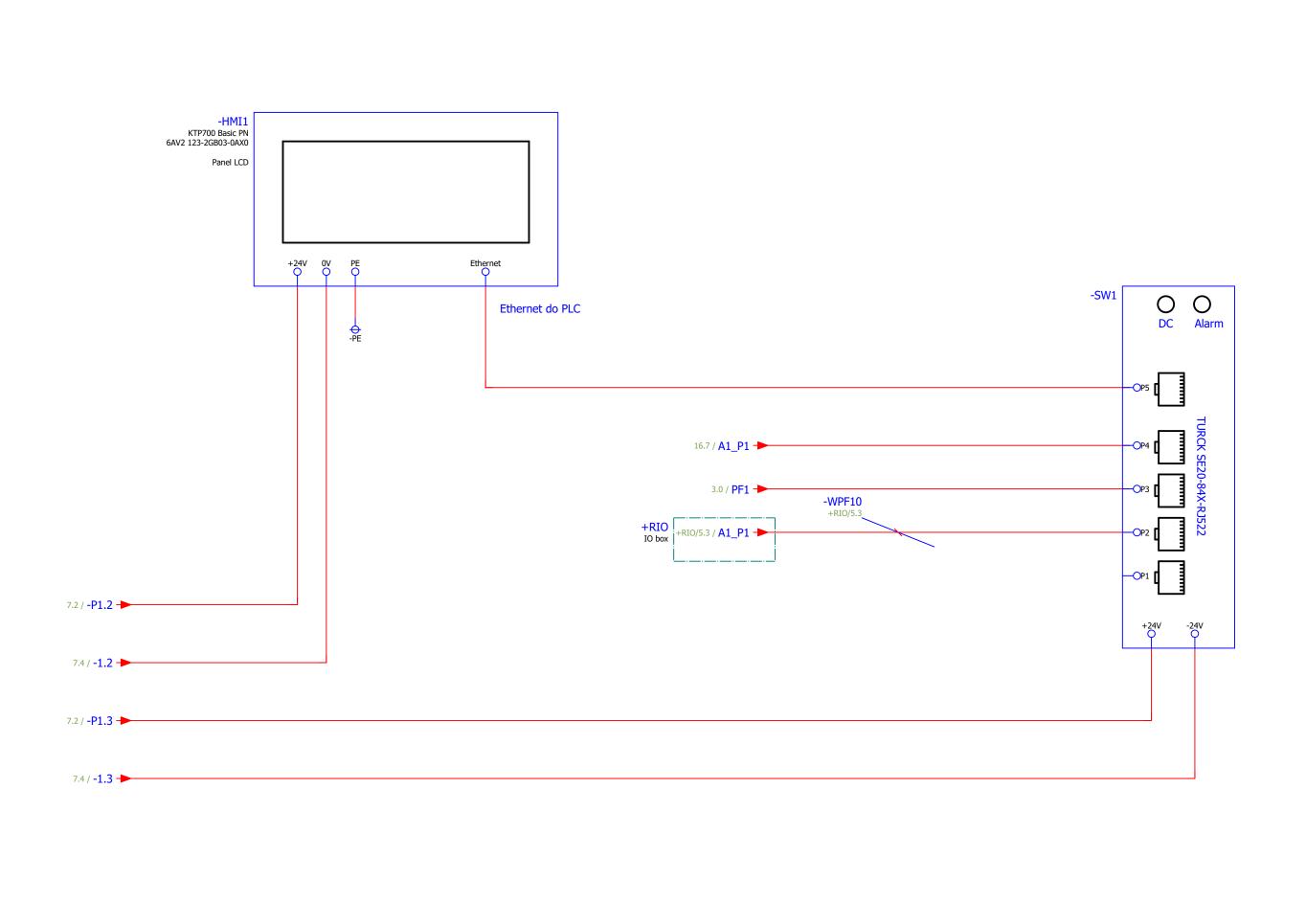
N18-1103



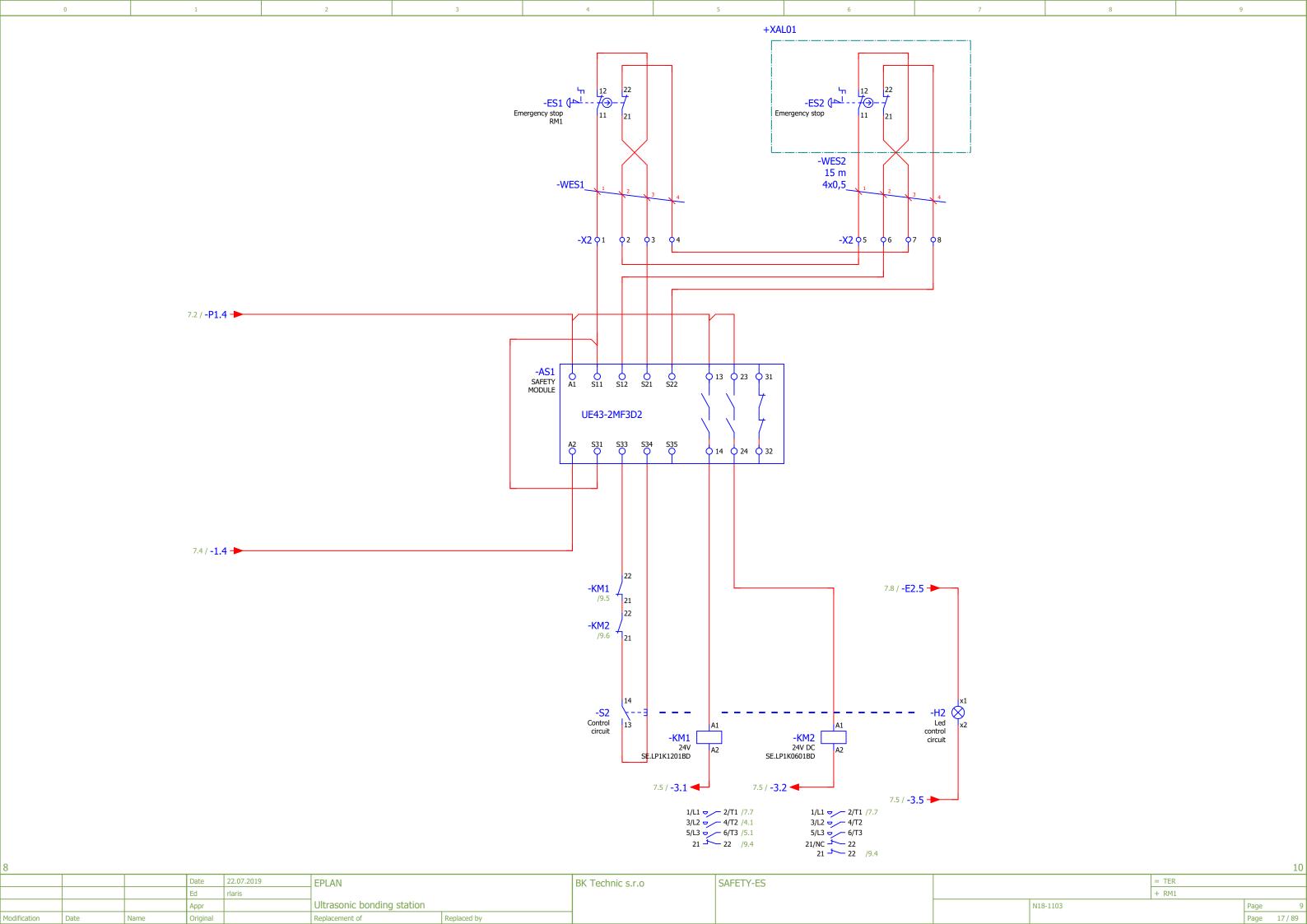
Page 13/89

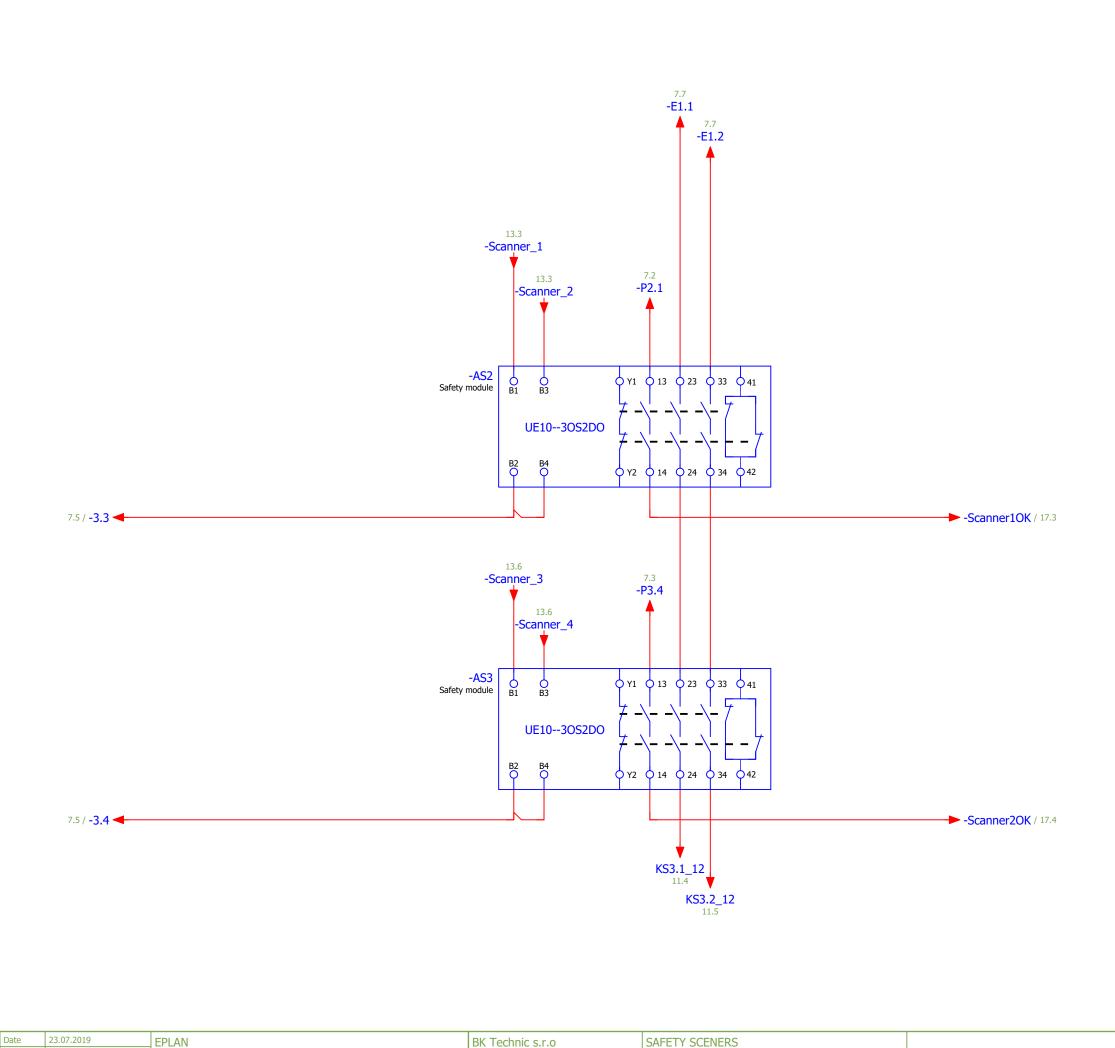






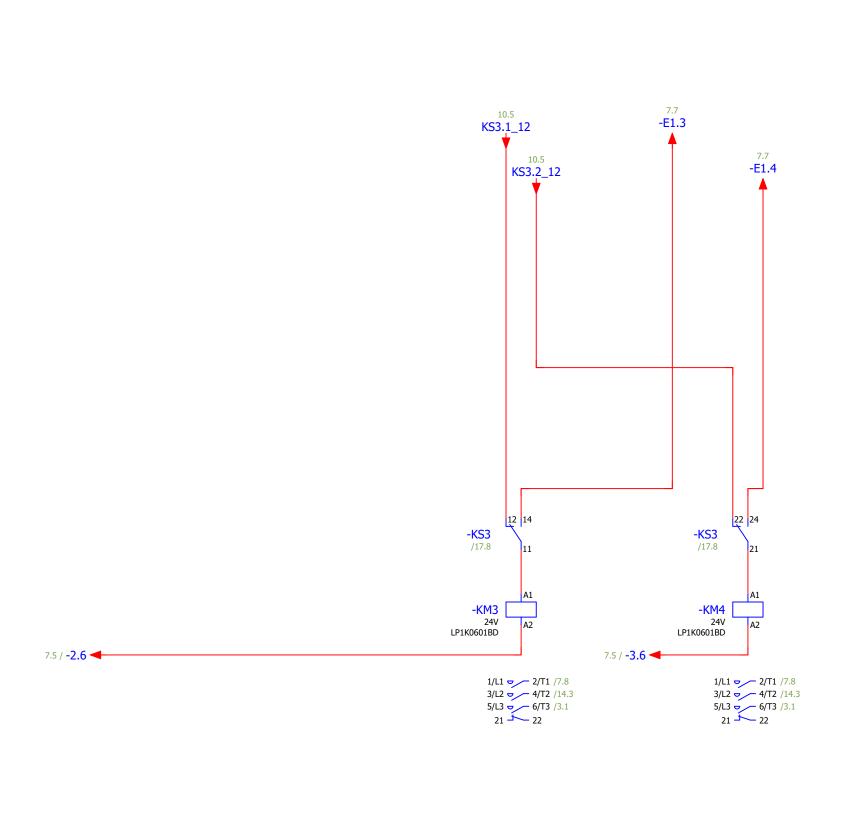
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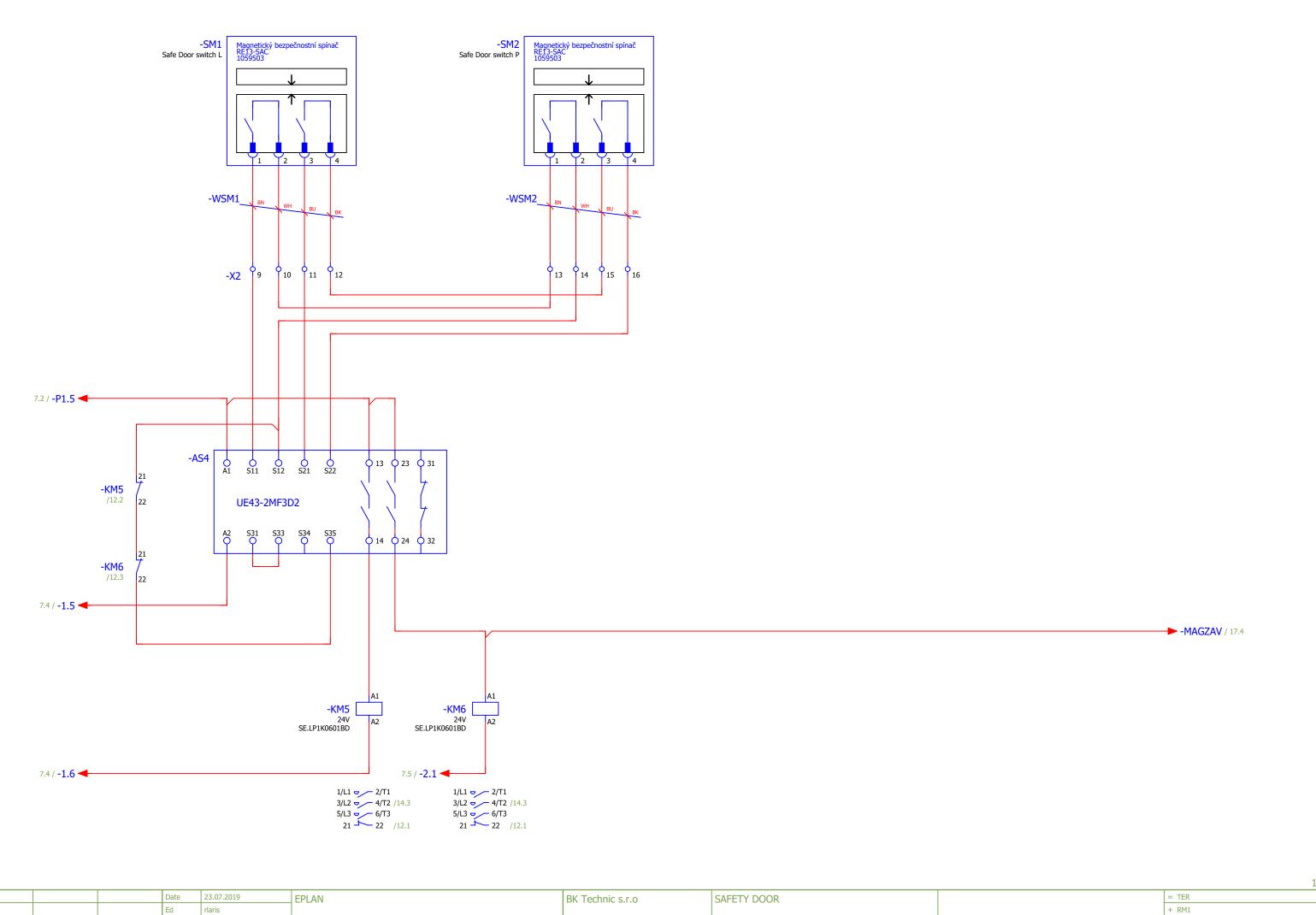




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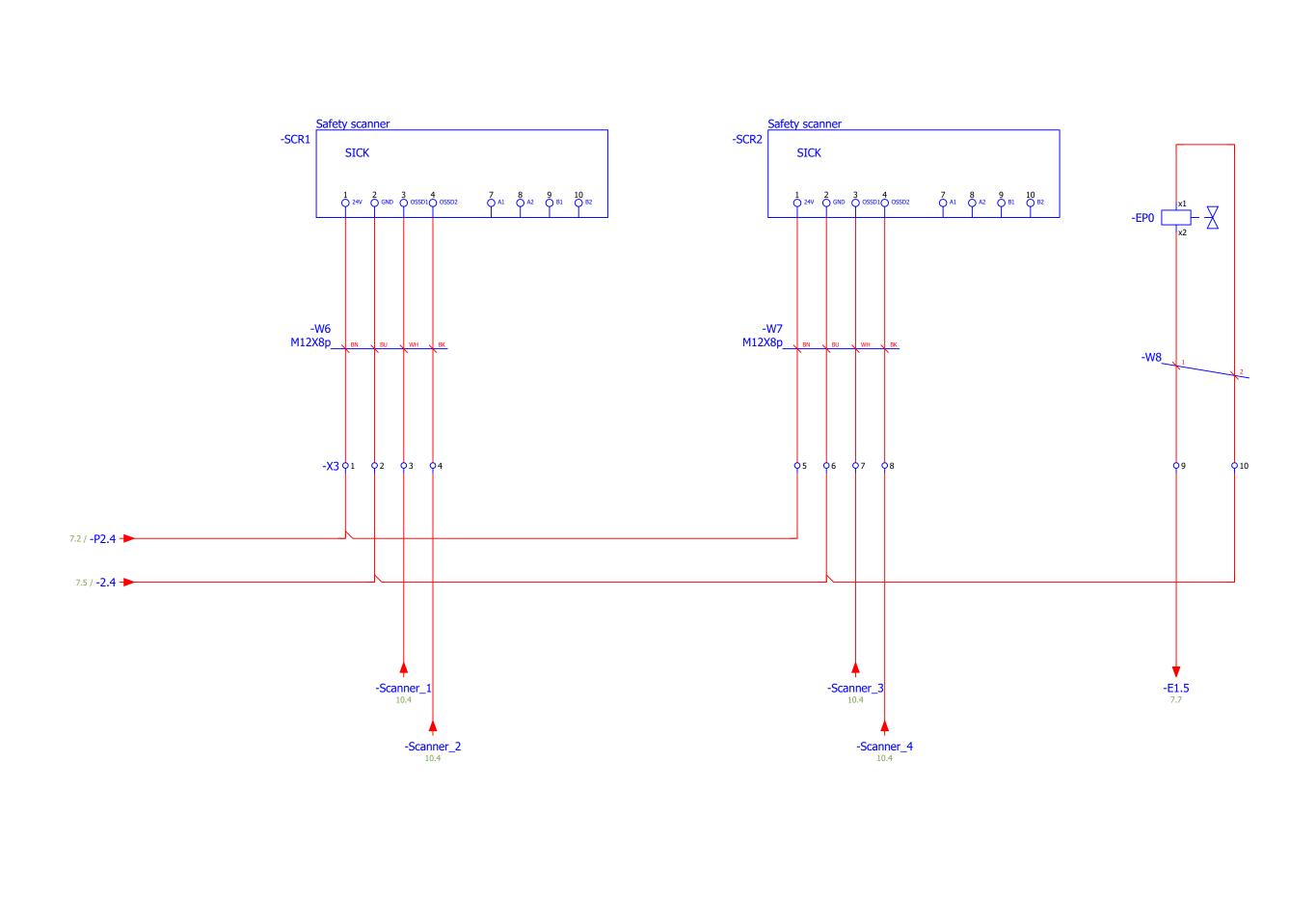
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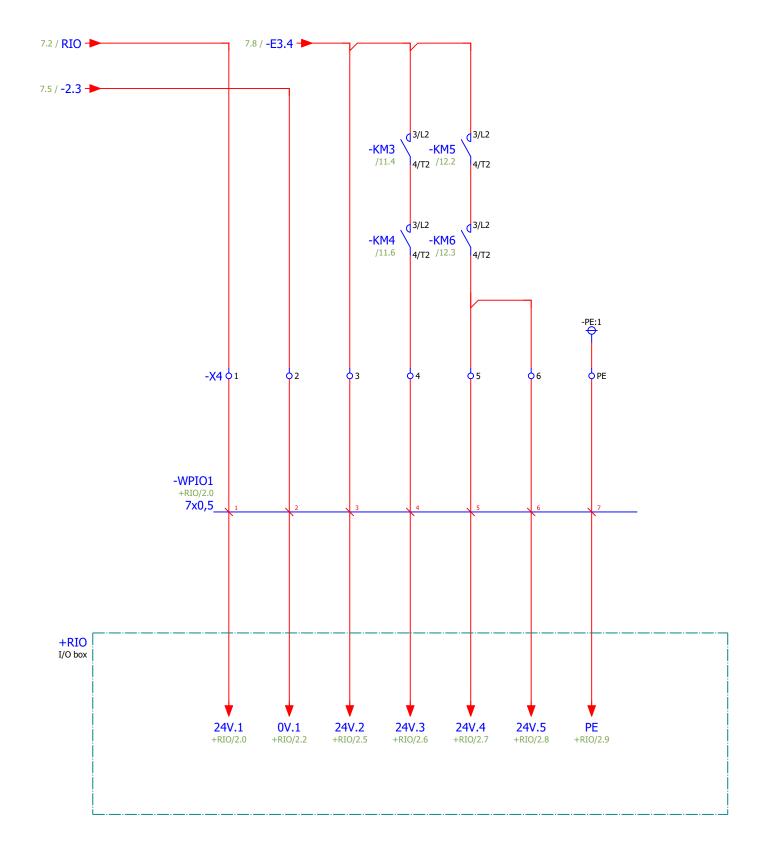
Ultrasonic bonding station

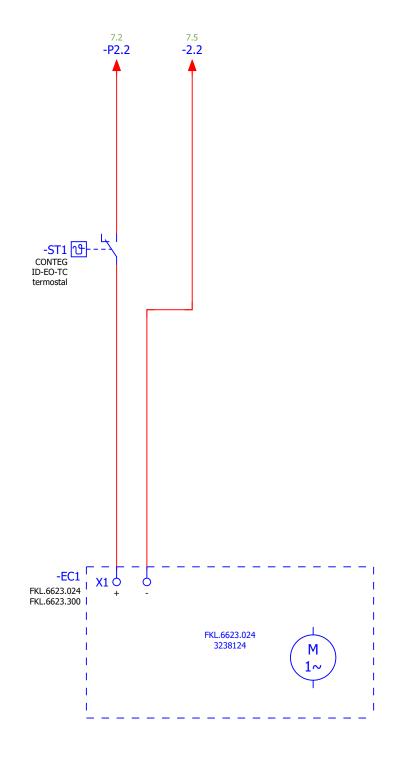
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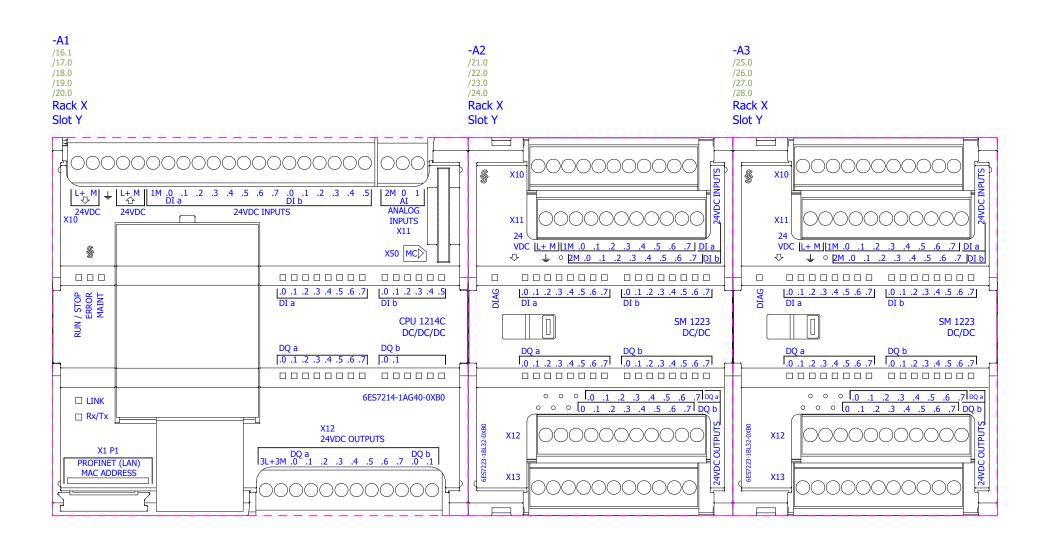
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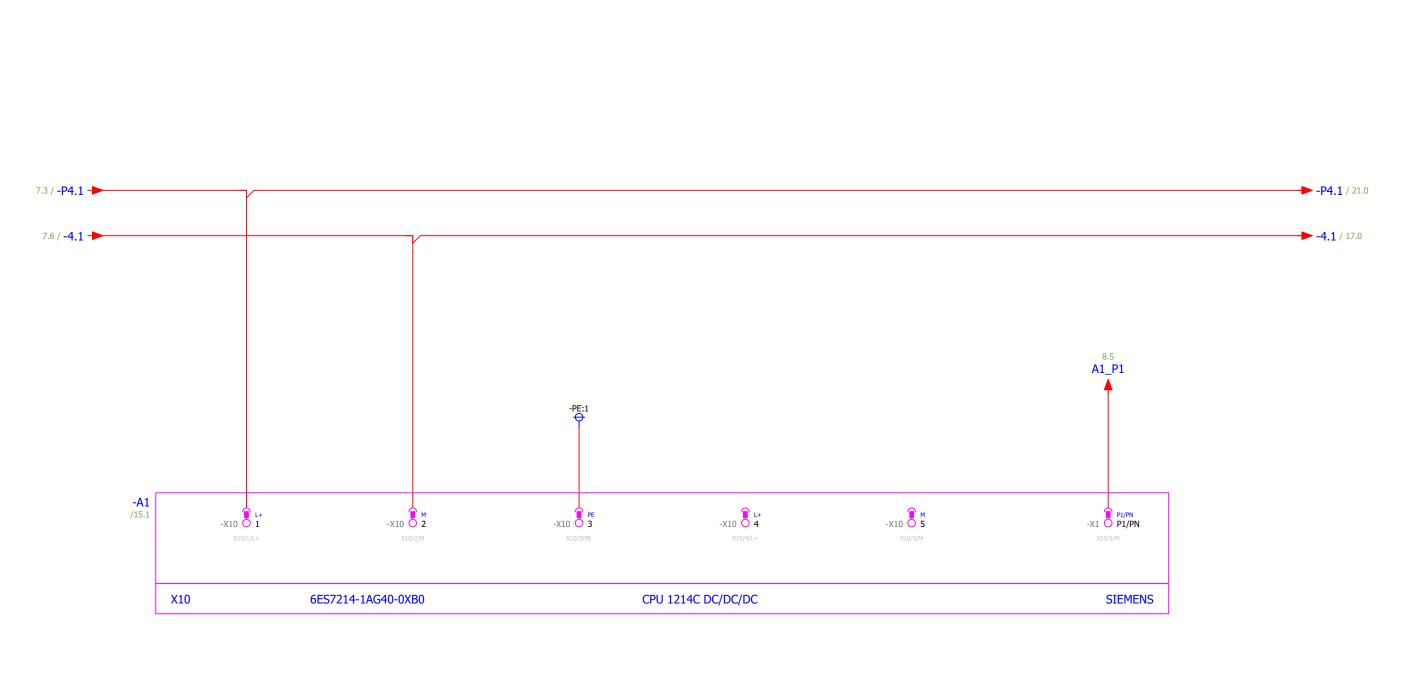




| RM1 | RM2 | RM3 | RM3 | RM4 | RM4

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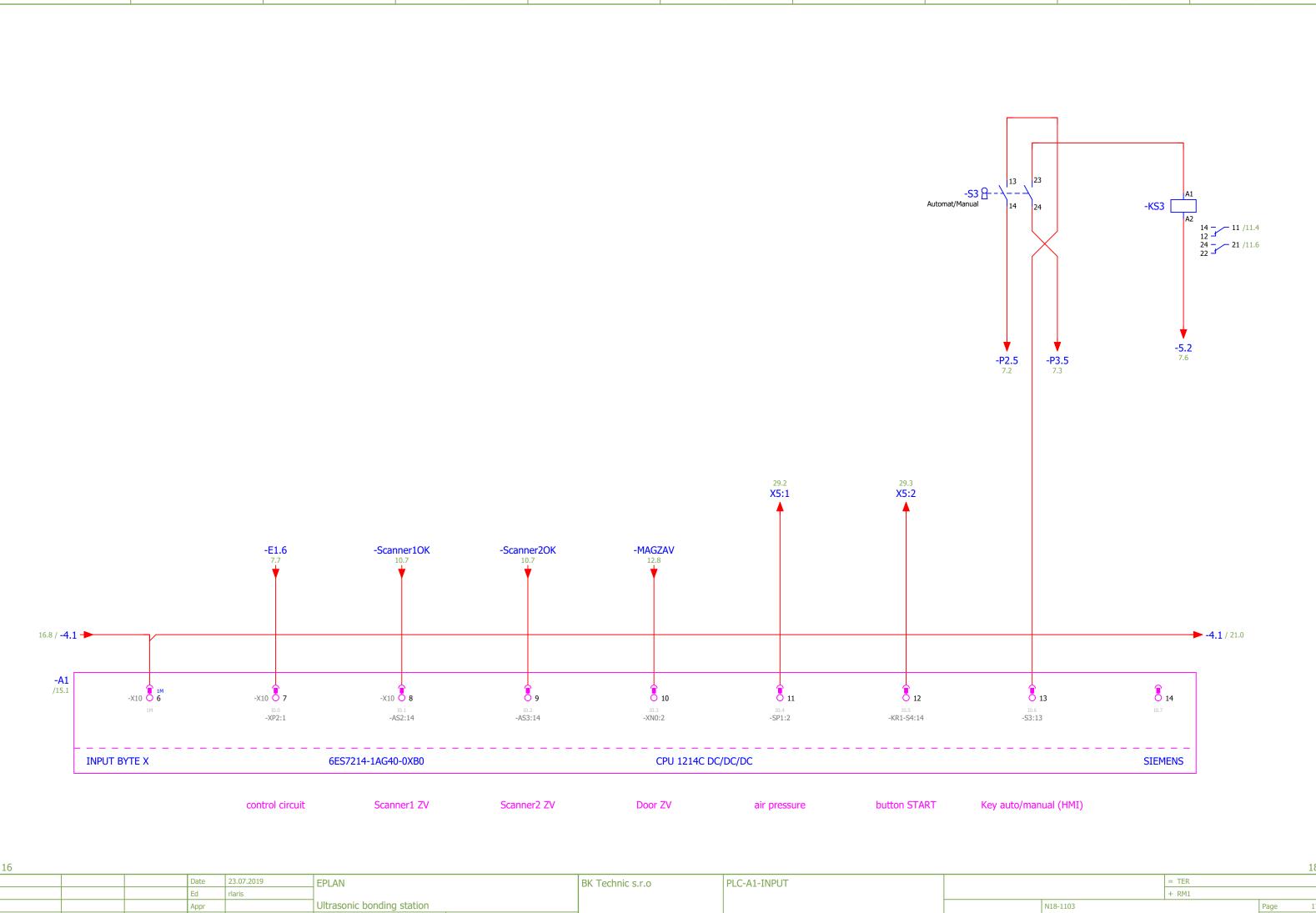


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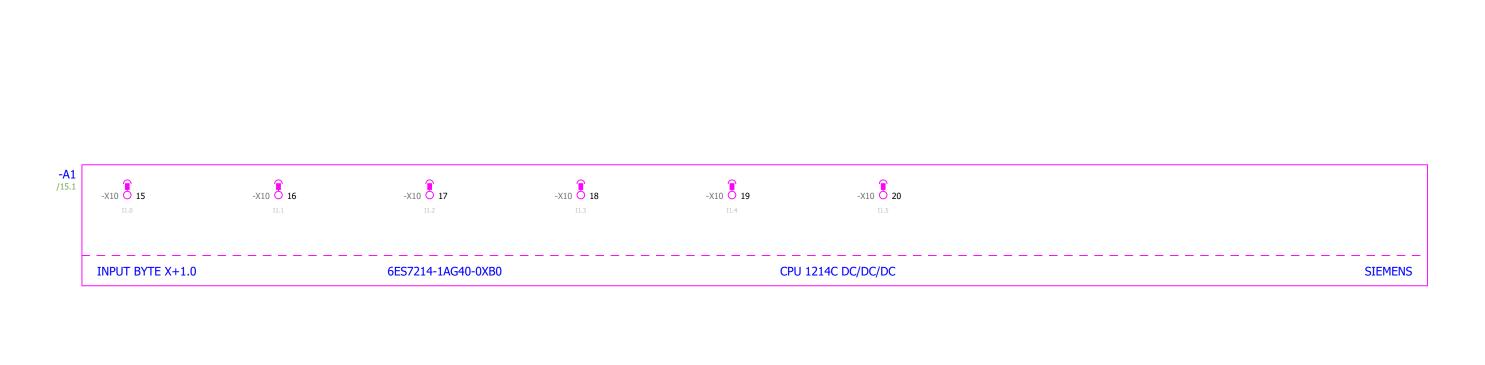
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Note Name Original Replacement of Replaced by

Replacement of Replaced by

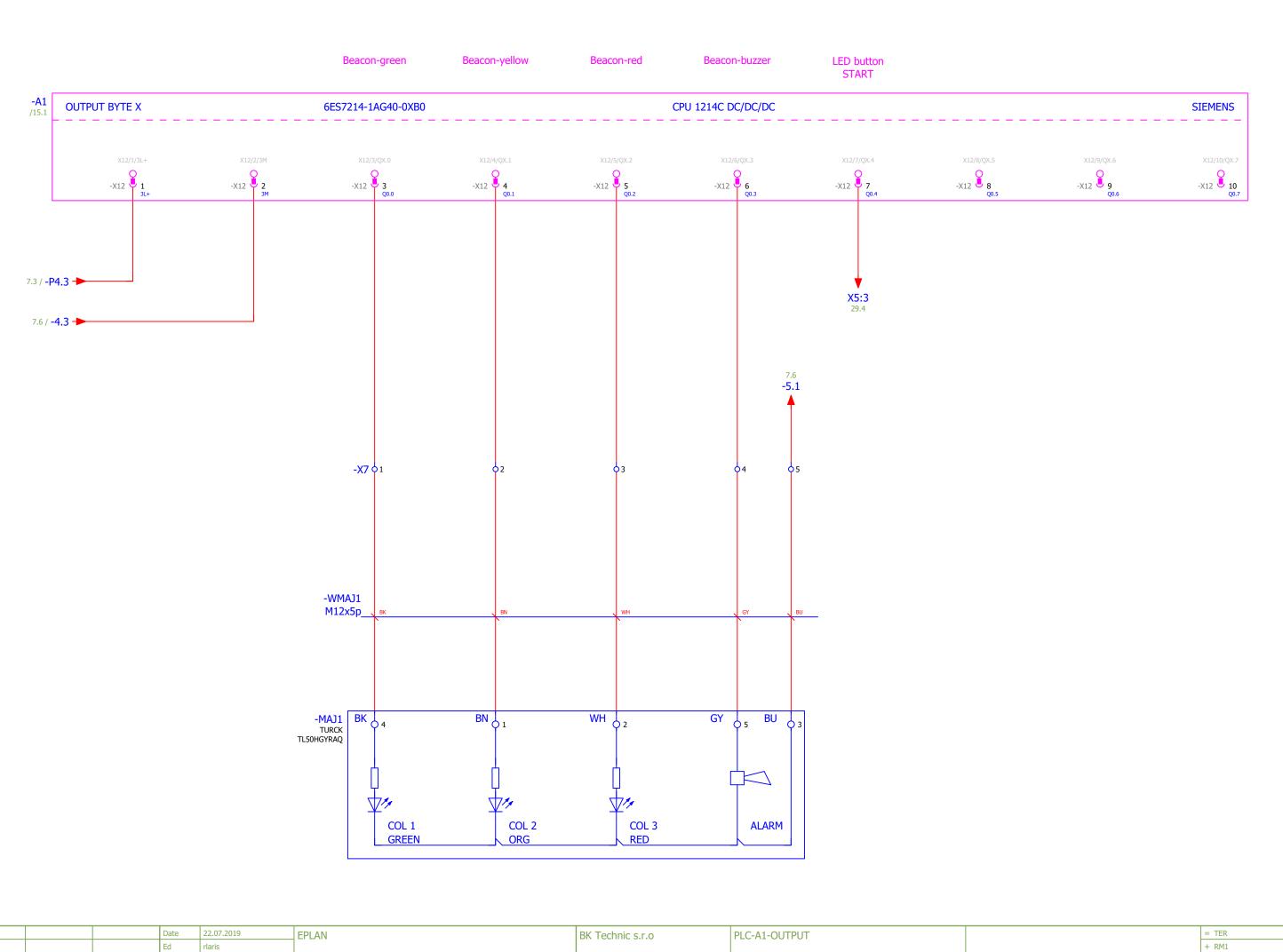


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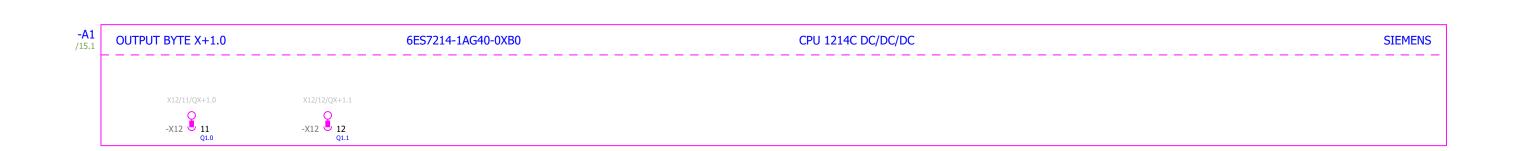


Appr Ultrasonic bonding station

Modification Date Name Original Replacement of Replaced by



Ultrasonic bonding station N18-1103



| Date | 22.07.2019 | EPLAN | Ed | rlaris | EPLAN | ERLAN | ER

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Apr | Ed | rlaris | + RM1

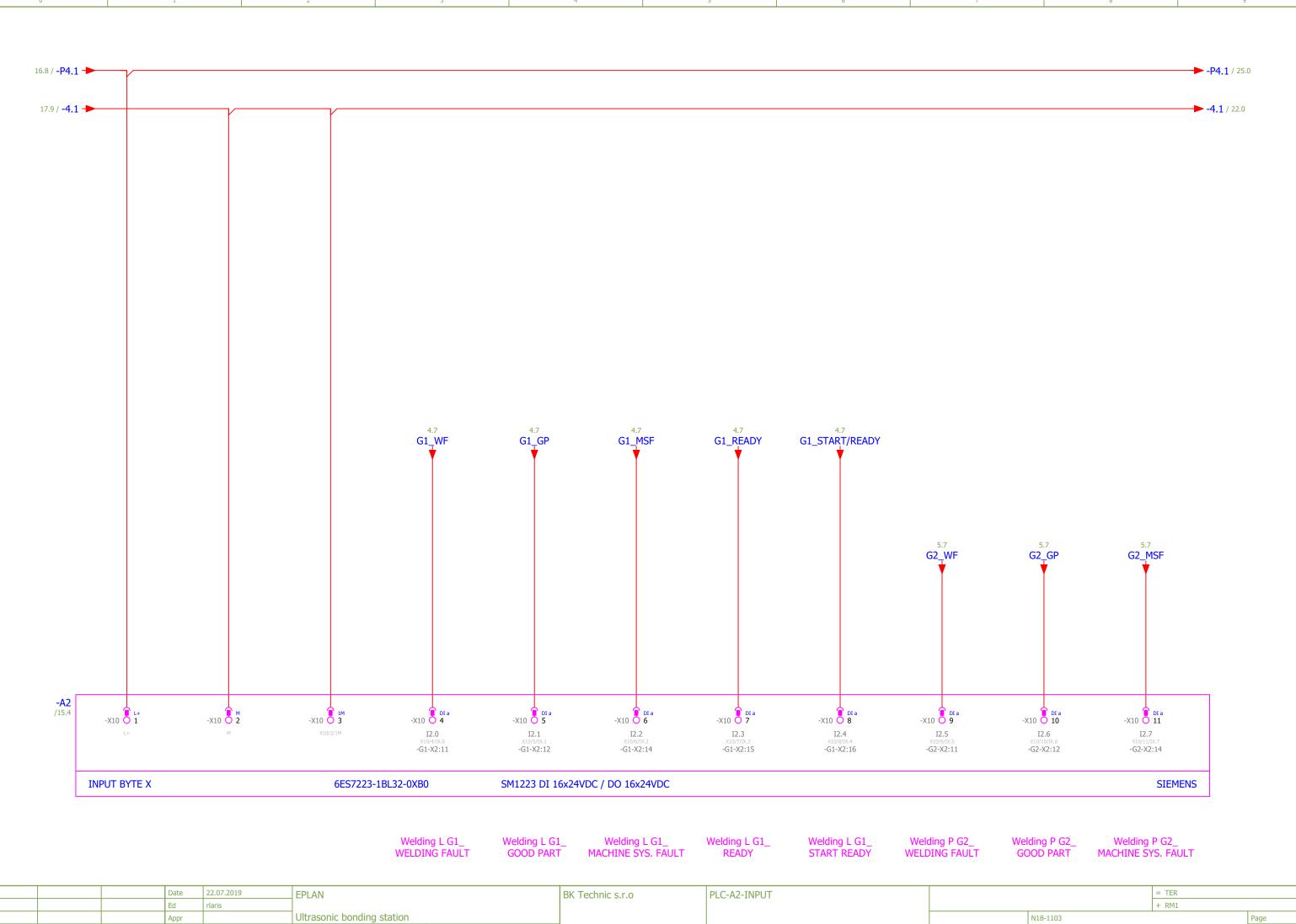
Apr | Apr | Apr | Original | Tasonic bonding station | + RM1

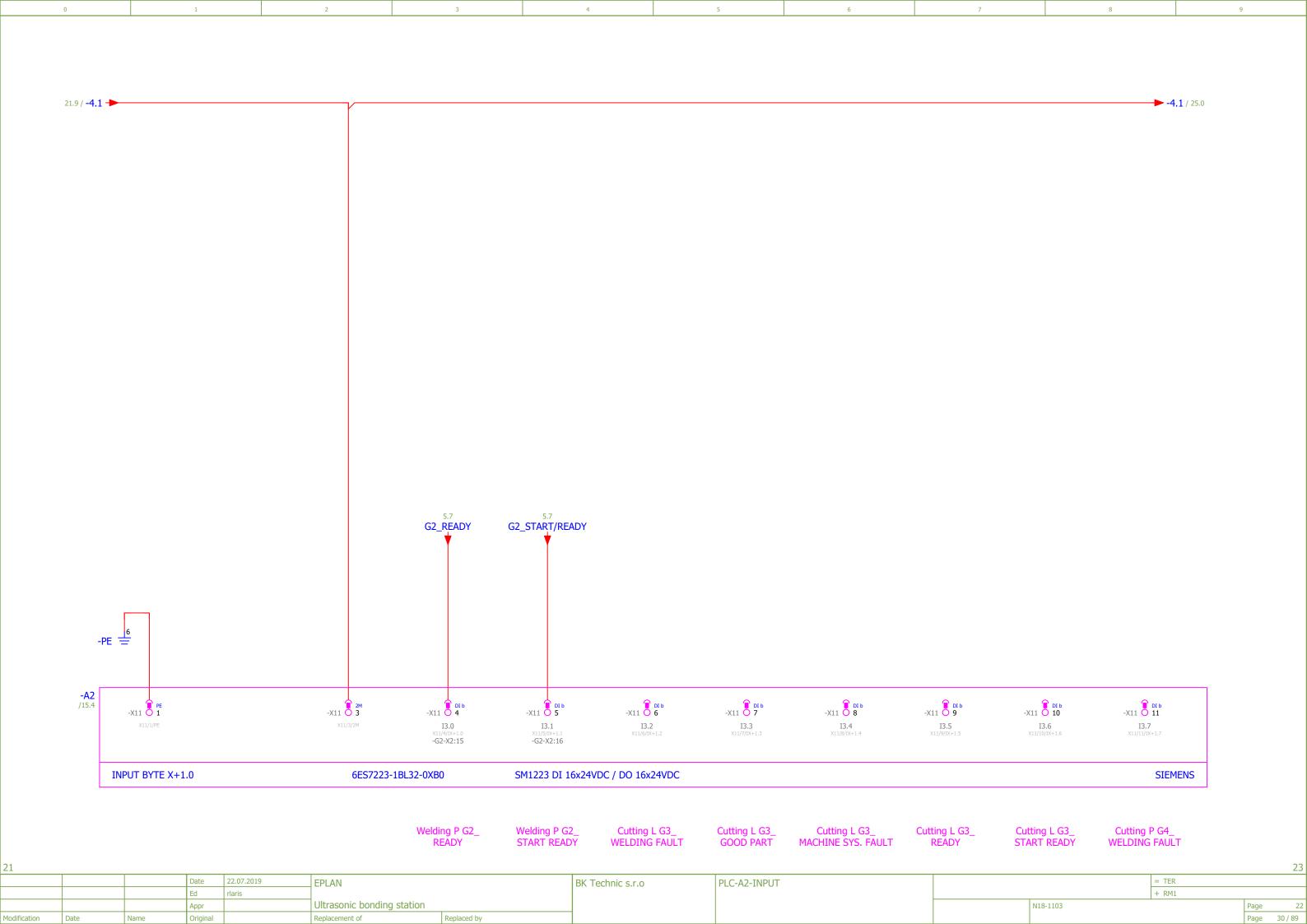
Apr | Date | Name | Original | Tasonic bonding station | + RM1

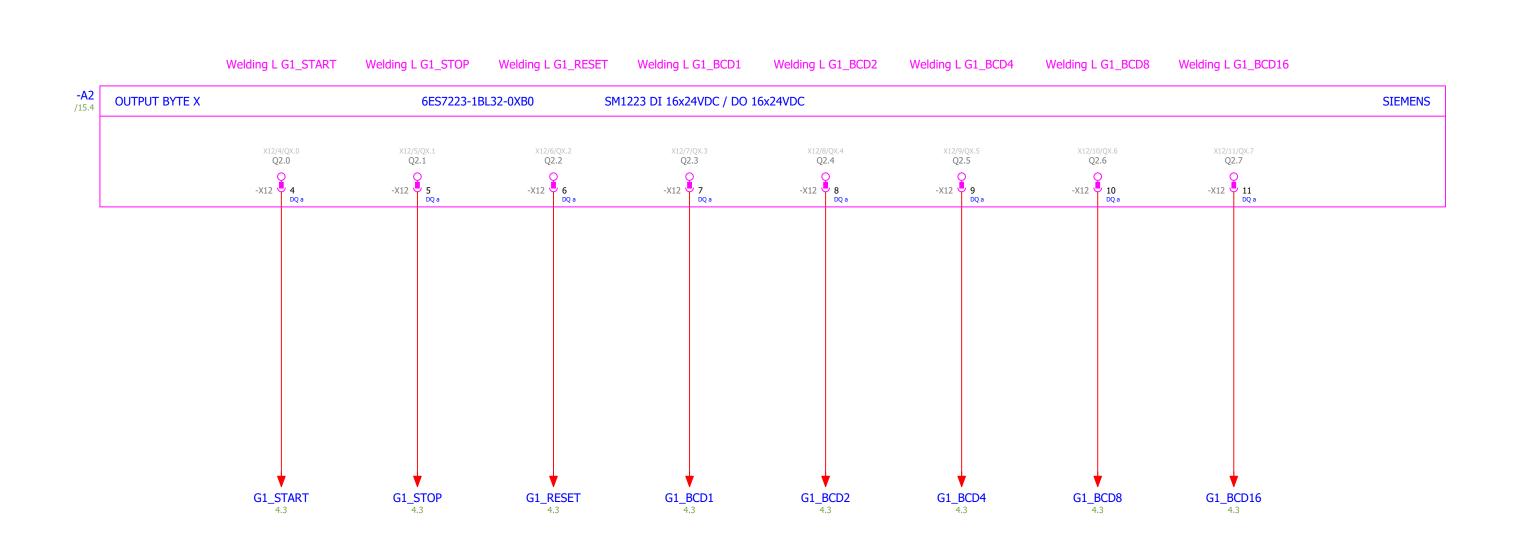
Apr | Apr | Page | 20

Apr | Apr | Page | 20

Apr | Page |





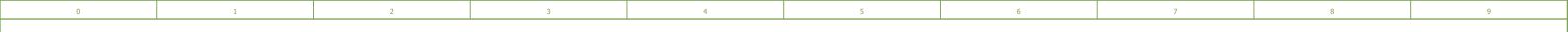


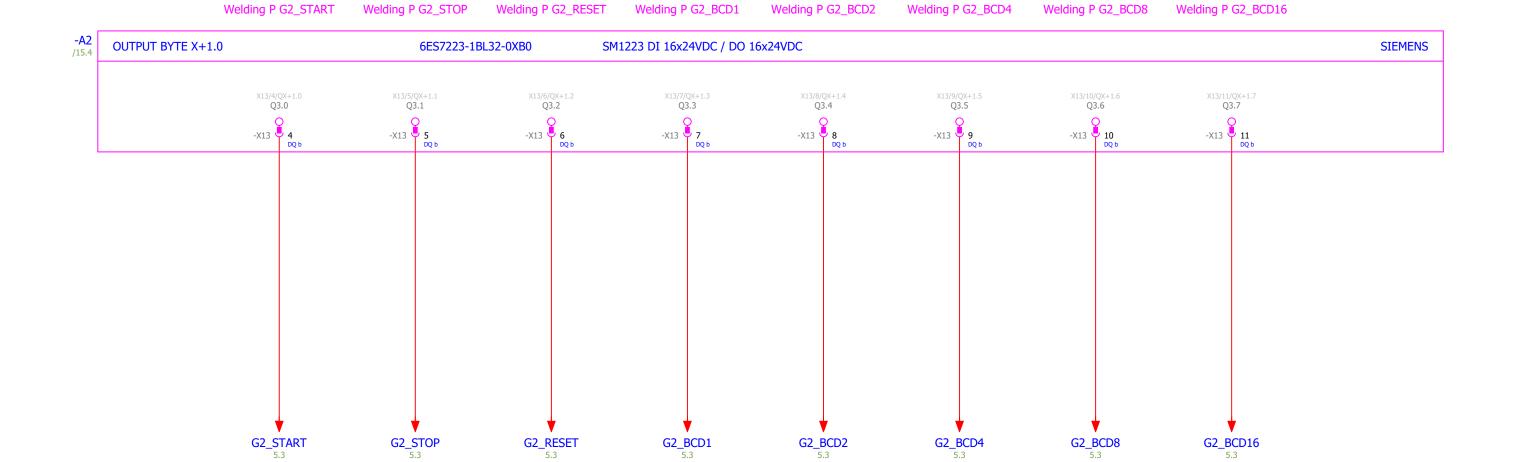
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Appr Ultrasonic bonding station

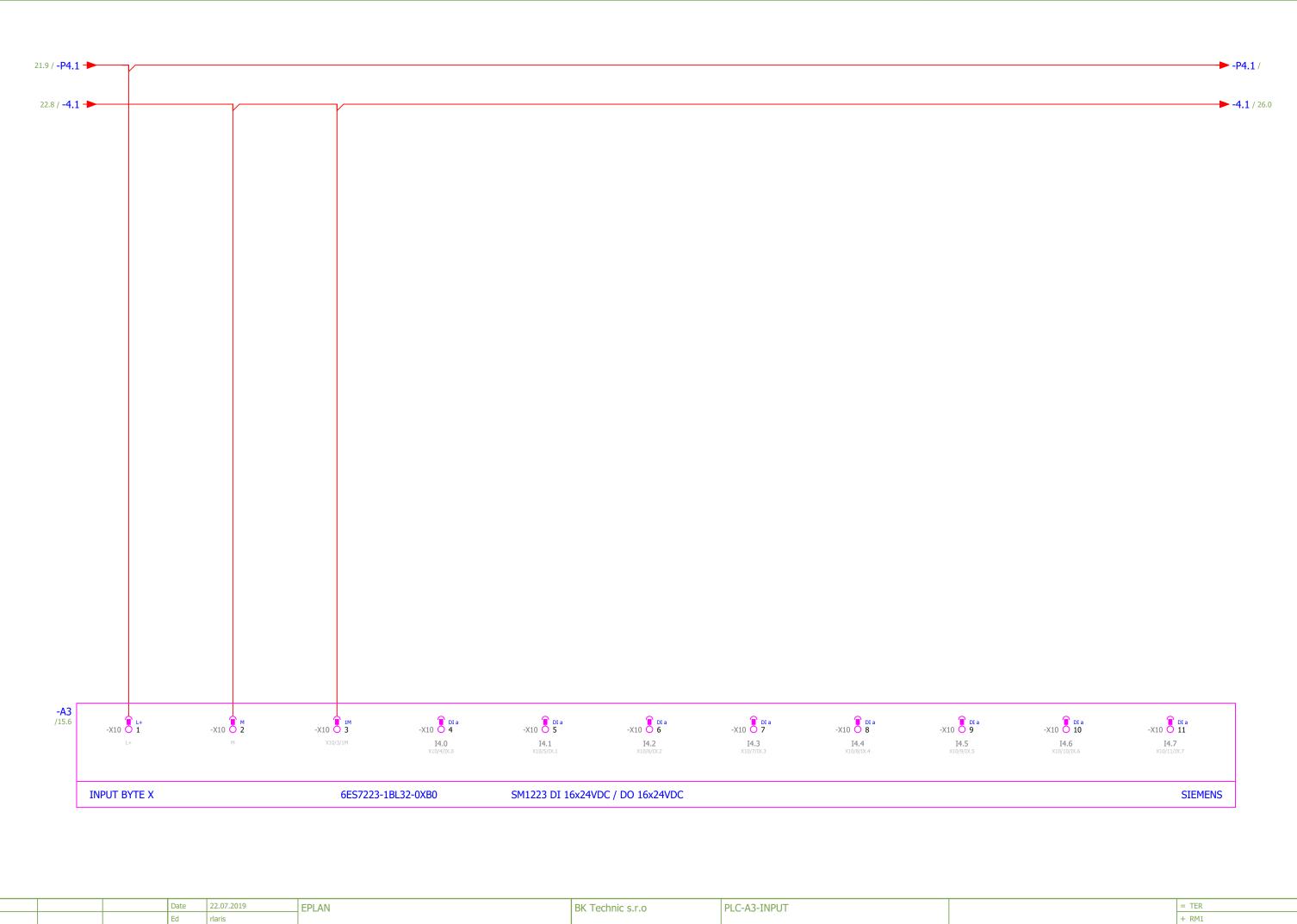
Modification Date Name Original Replacement of Replaced by

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22.07.2019 EPLAN BK Technic s.r.o PLC-A2-OUTPUT = TER rlaris + RM1 Ultrasonic bonding station Appr N18-1103 Replacement of



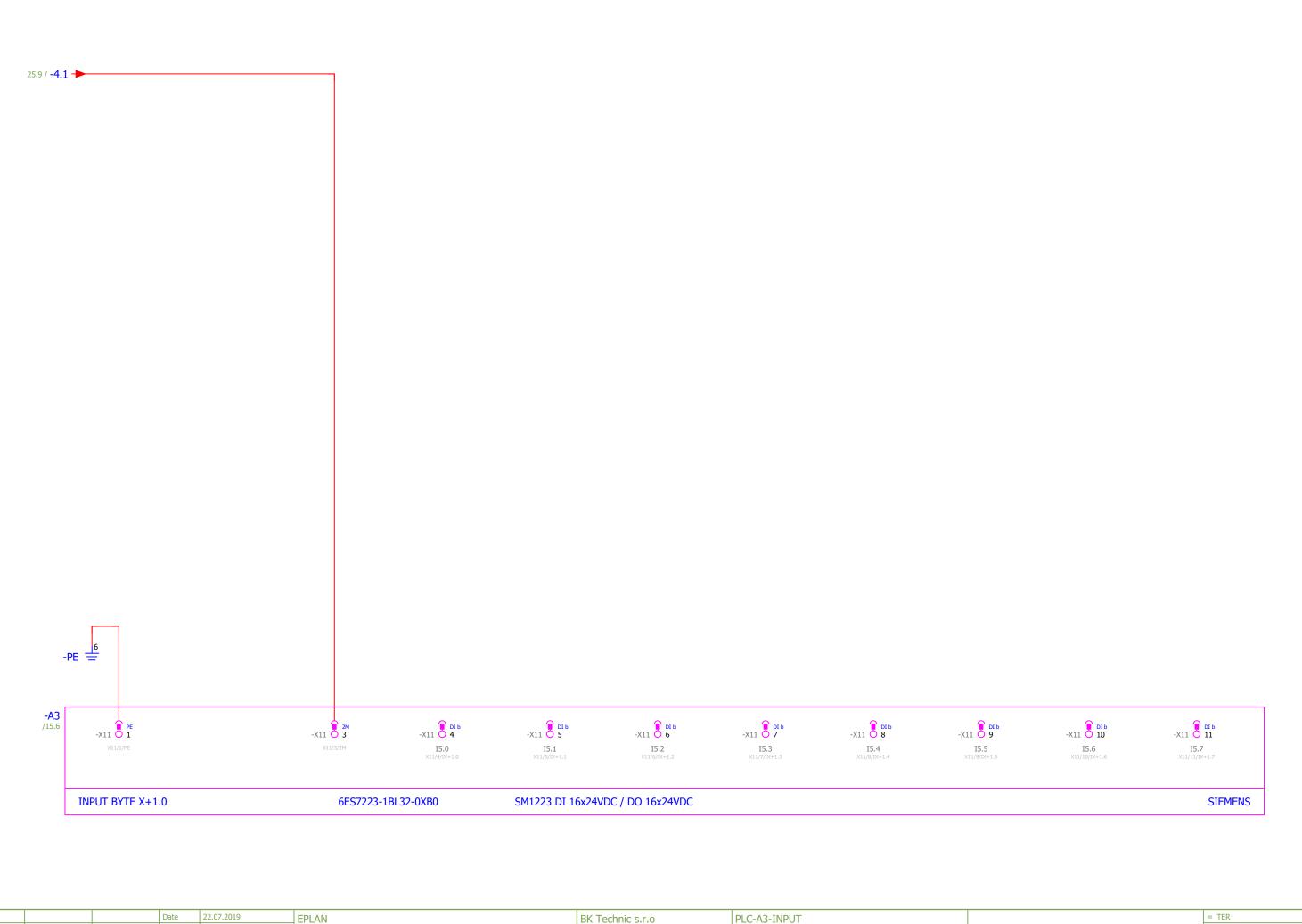
N18-1103

+ RM1

Appr Original

Ultrasonic bonding station

Replaced by



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Ultrasonic bonding station

Replaced by

BK Technic s.r.o

PLC-A3-INPUT

= TER + RM1 N18-1103

OUTPUT BYTE X 6ES7223-1BL32-0XB0 SM1223 DI 16x24VDC / DO 16x24VDC SIEMENS X12/4/QX.0 Q4.0 -X12 4 DQ a X12/6/QX.2 Q4.2 -X12 6 DQ a X12/5/QX.1 Q4.1 X12/7/QX.3 Q4.3 X12/9/QX.5 Q4.5

= TER + RM1 22.07.2019 EPLAN BK Technic s.r.o PLC-A3-OUTPUT rlaris N18-1103

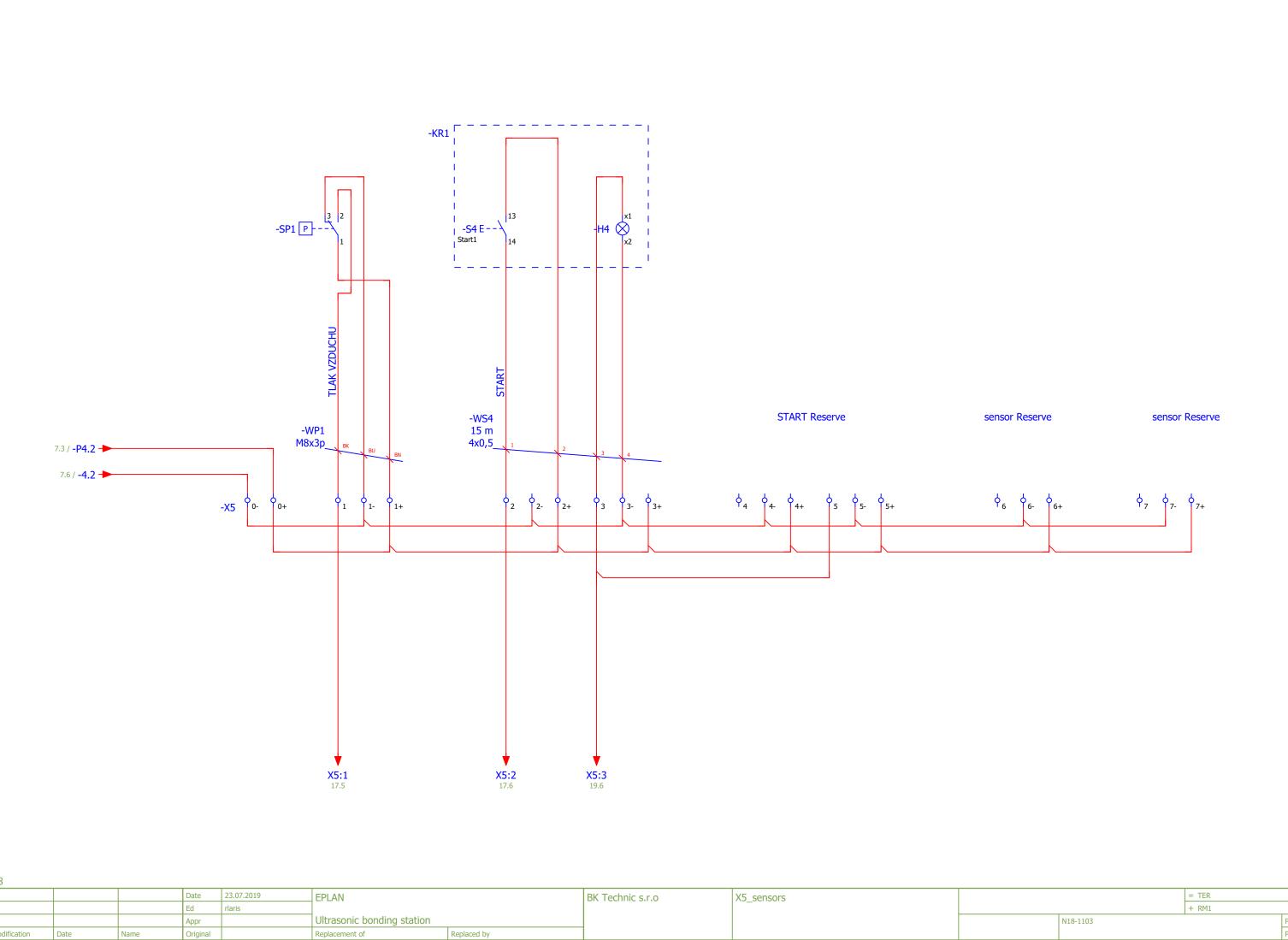
Ultrasonic bonding station
Replacement of

OUTPUT BYTE X+1.0 6ES7223-1BL32-0XB0 SM1223 DI 16x24VDC / DO 16x24VDC SIEMENS X13/4/QX+1.0 Q5.0 -X13 4 DQ b X13/9/QX+1.5 Q5.5 -X13 9 DQ b X13/5/QX+1.1 Q5.1 X13/6/QX+1.2 Q5.2 X13/7/QX+1.3 Q5.3 X13/8/QX+1.4 Q5.4 X13/10/QX+1.6 Q5.6 X13/11/QX+1.7 Q5.7 -X13 7 DQ b

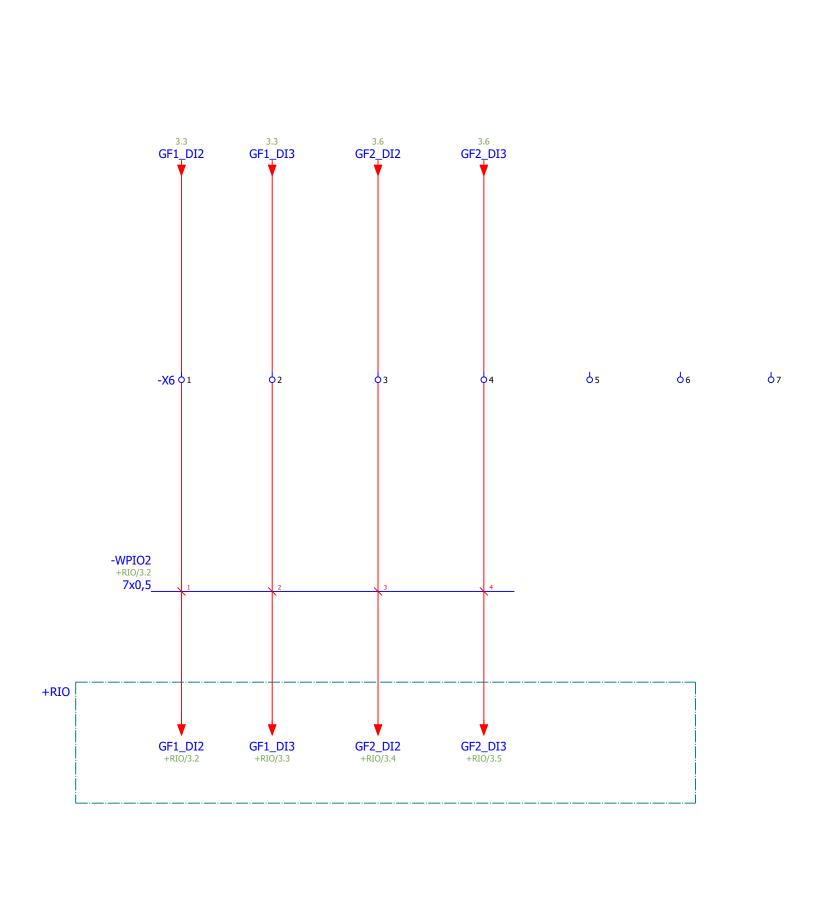
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Ultrasonic bonding station
Replacement of

+ RM1 N18-1103



Replaced by

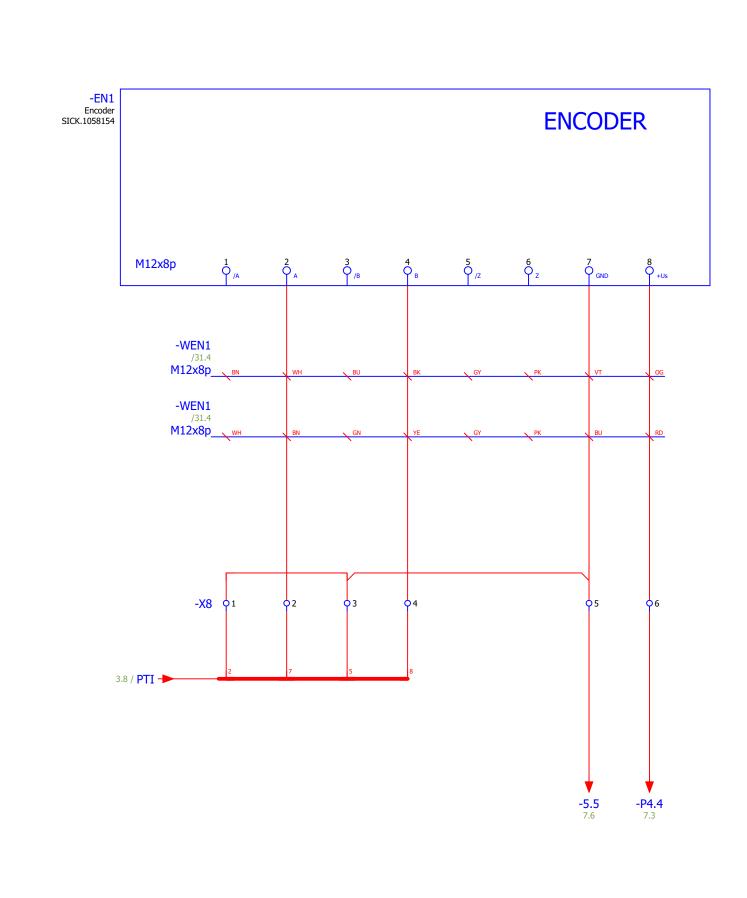


| Date | 24.07.2019 | EPLAN | BK Technic s.r.o | X6\_END SENSORS MOVEMENT | = TER | + RM1 | + RM2 | + RM3 | + R

Appr Ultrasonic bonding station

Modification Date Name Original Replacement of Replaced by

| + RM1 | Page | 30 |



+RIO/1

| Date | 23.07.2019 | EPLAN | BK Technic s.r.o | encoder | encoder | +RM1 | +RM2 | +R

HAMI

Replacement of Many Date Name Original Replacement of Replaced by

| FM1 | FM1 | FM2 | FM3 | FM3



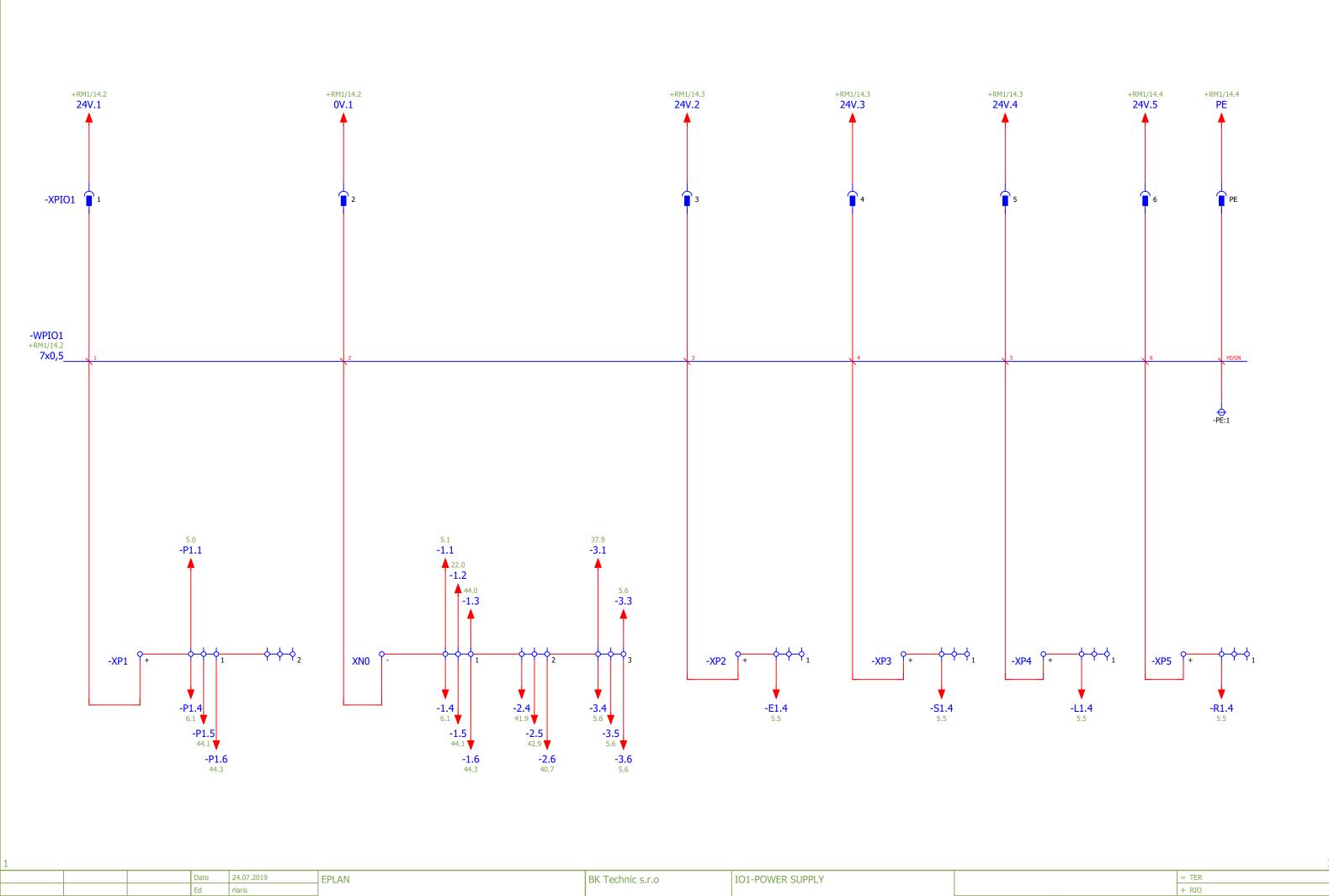
**IO Eletrical box** 

KL 1512.500 600x400x120

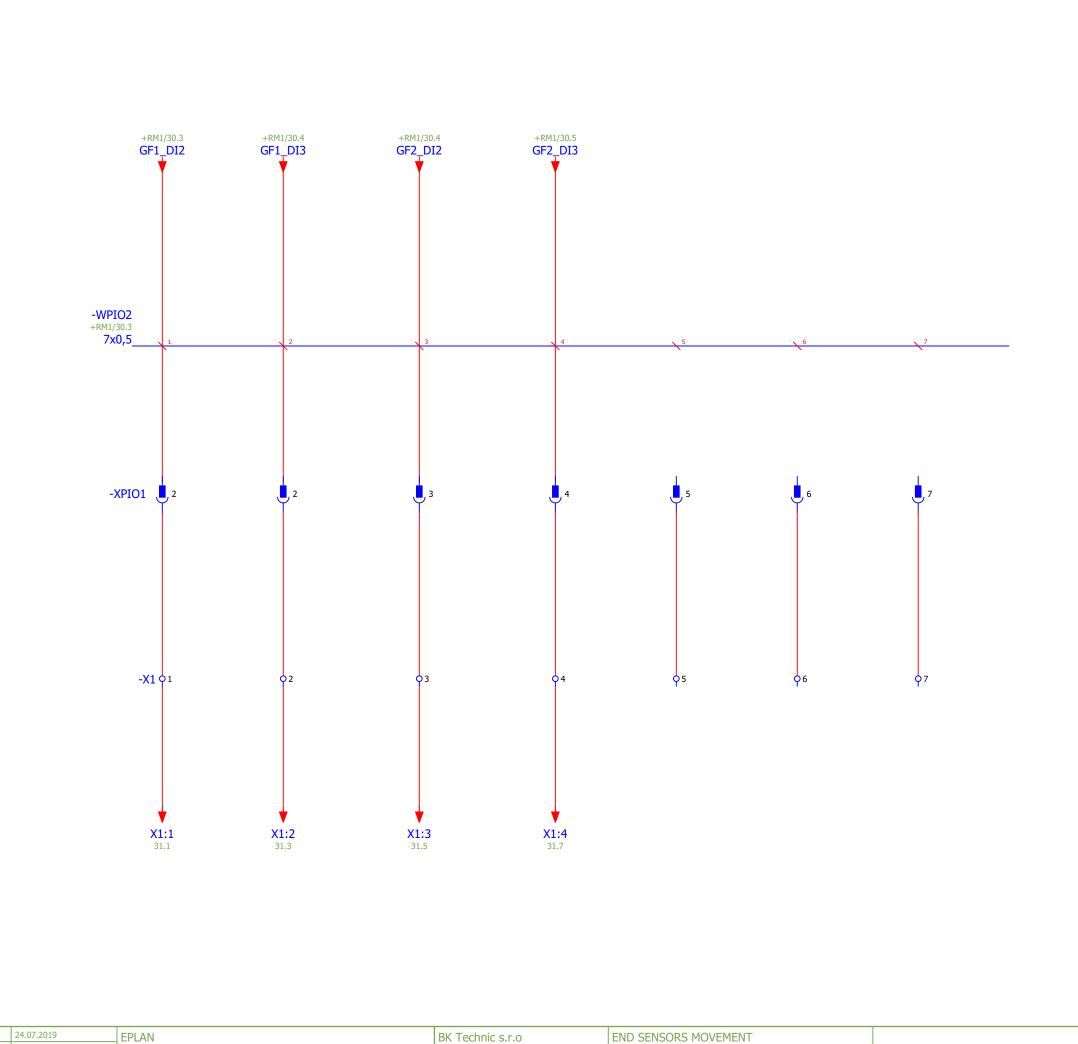
+RM1/31

22.06.2018 EPLAN Rosta Ultrasonic bonding station BK Technic s.r.o

FRONT PAGE



Ultrasonic bonding station



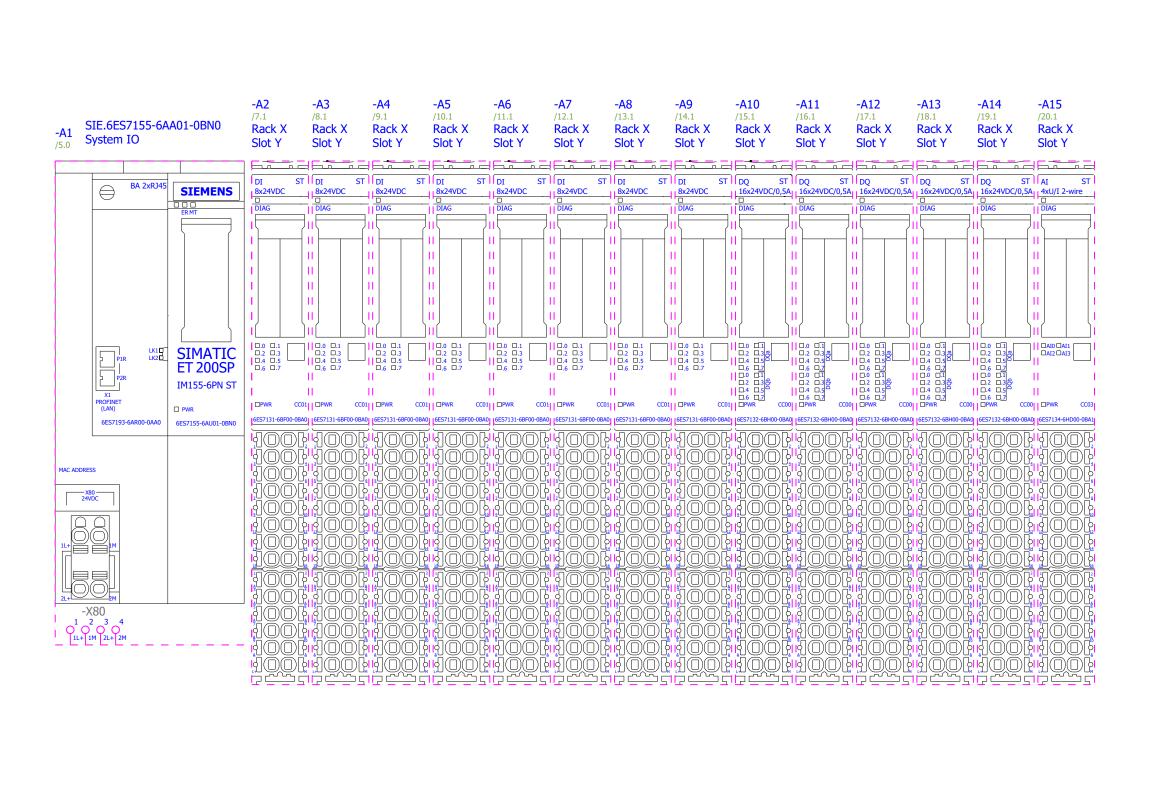
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Ultrasonic bonding station

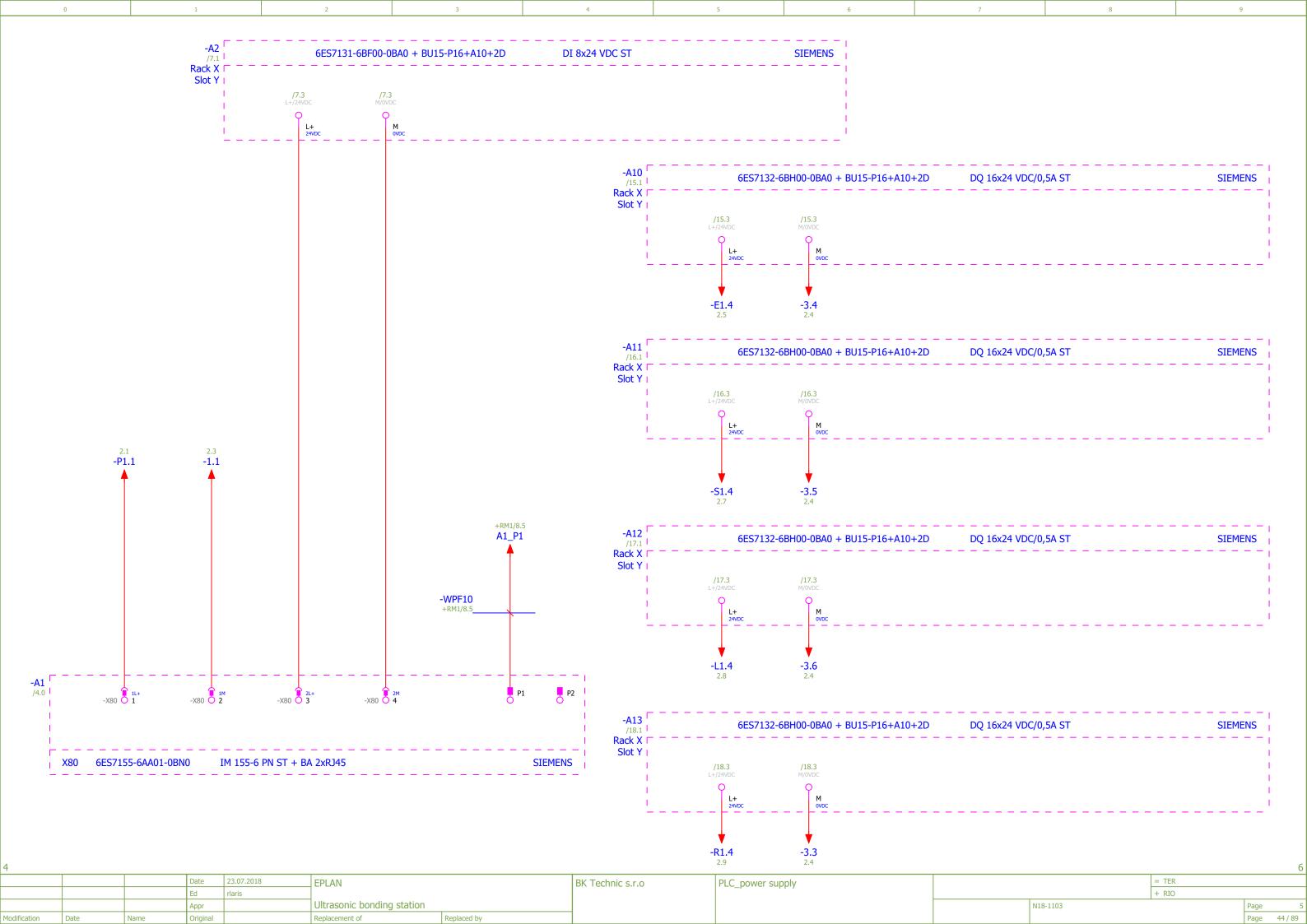
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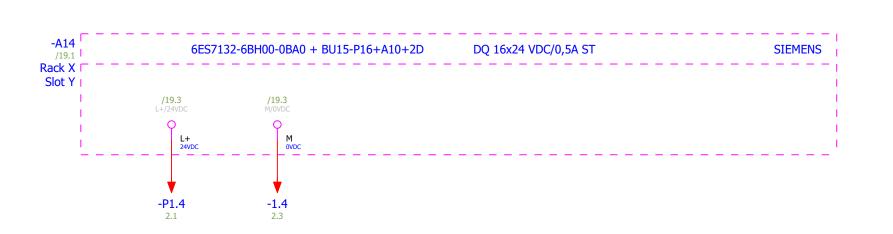
Page 42 / 89

= TER + RIO

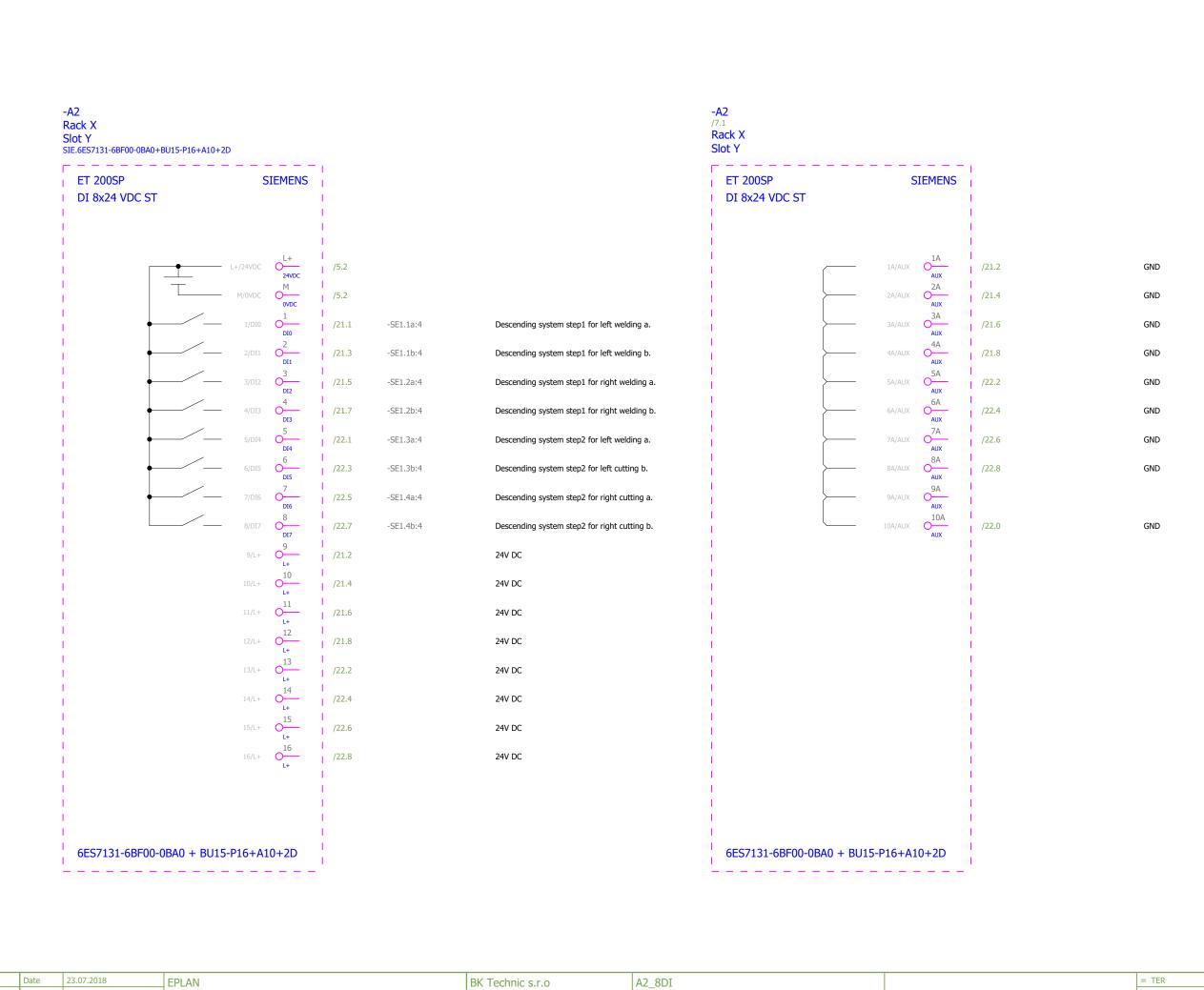


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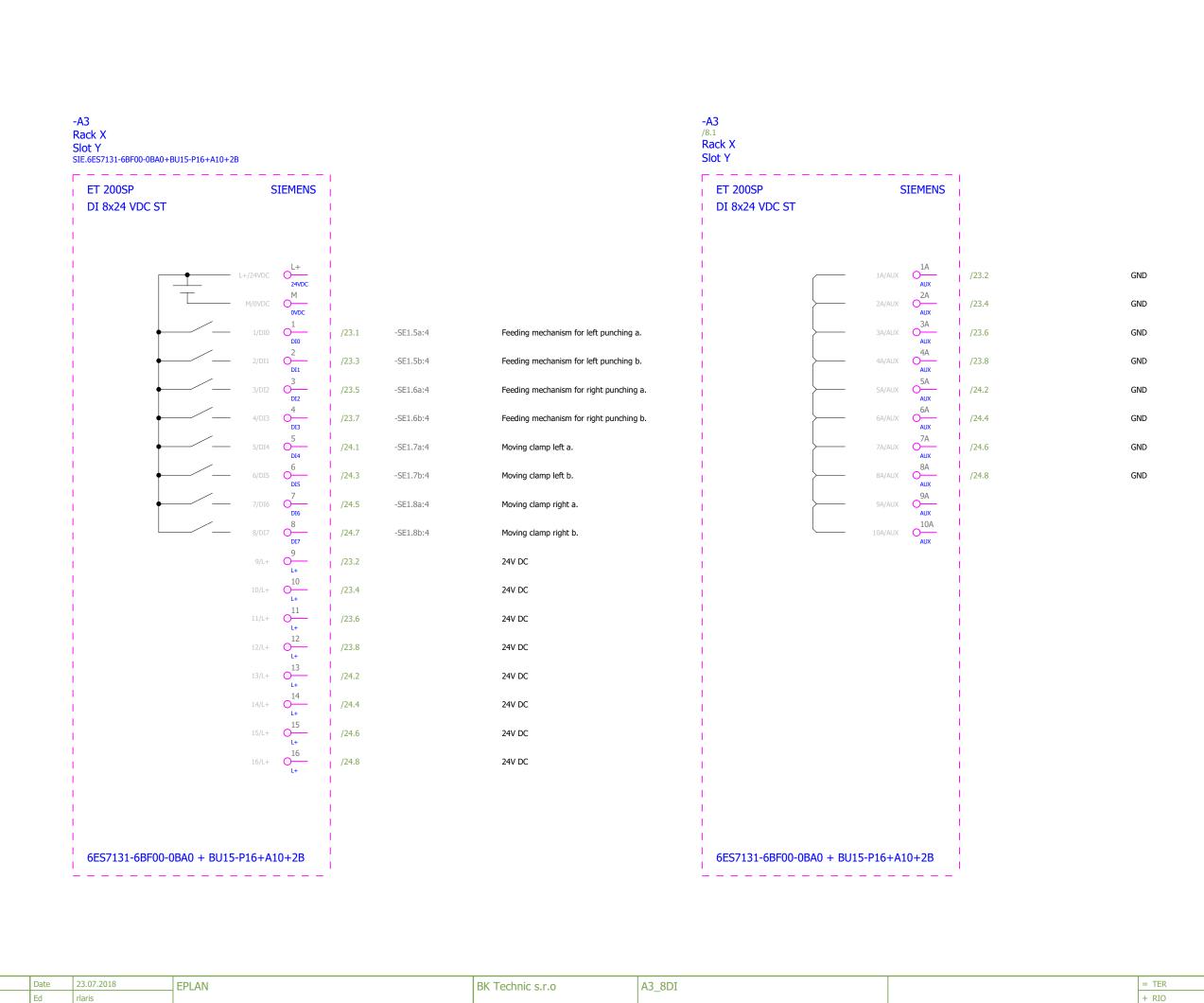


			Date	04.01.2019	EPLAN	BK Technic s.r.o	PLC_power supply		= TER	·	
			Ed	rlaris					+ RIO		
			Appr		Ultrasonic bonding station			N18-1103		Page	6
						1					



HRIO FIGURE REDICTION Appr Appr Ultrasonic bonding station Page 46/89

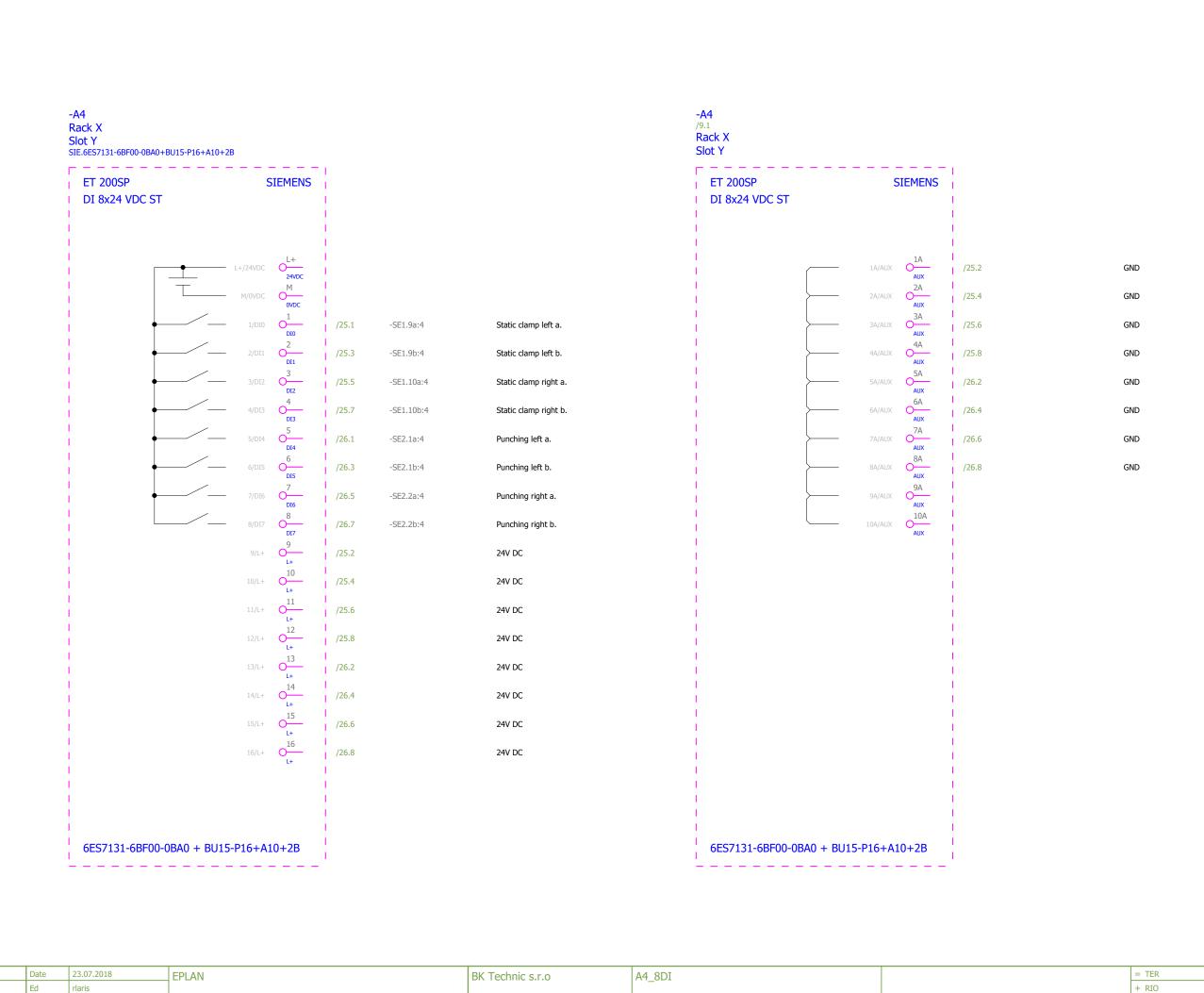
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Appr Ultrasonic bonding station
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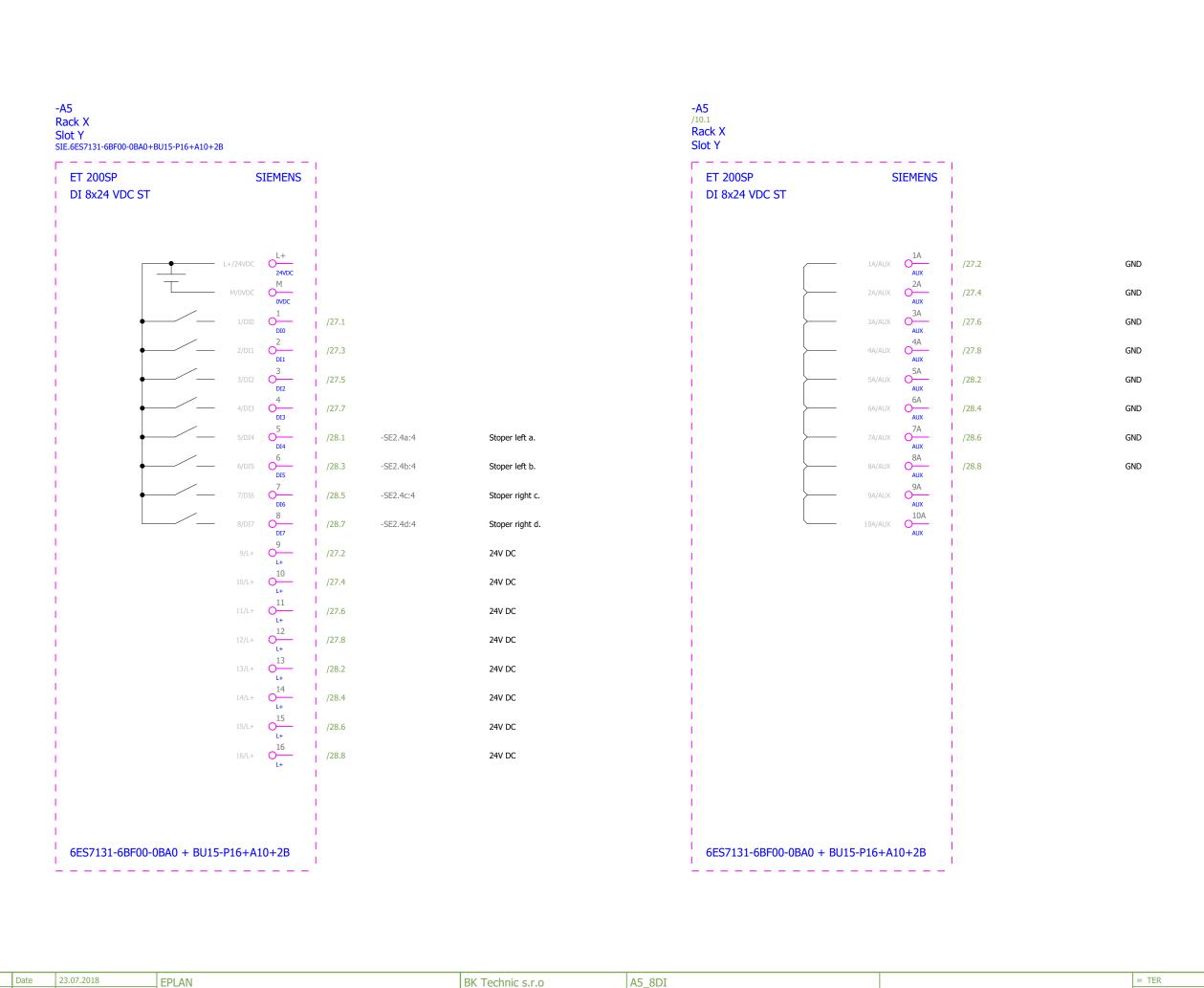
Replacement of Replaced by

Page 47/89



Ultrasonic bonding station

N18-1103 Page



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Ultrasonic bonding station

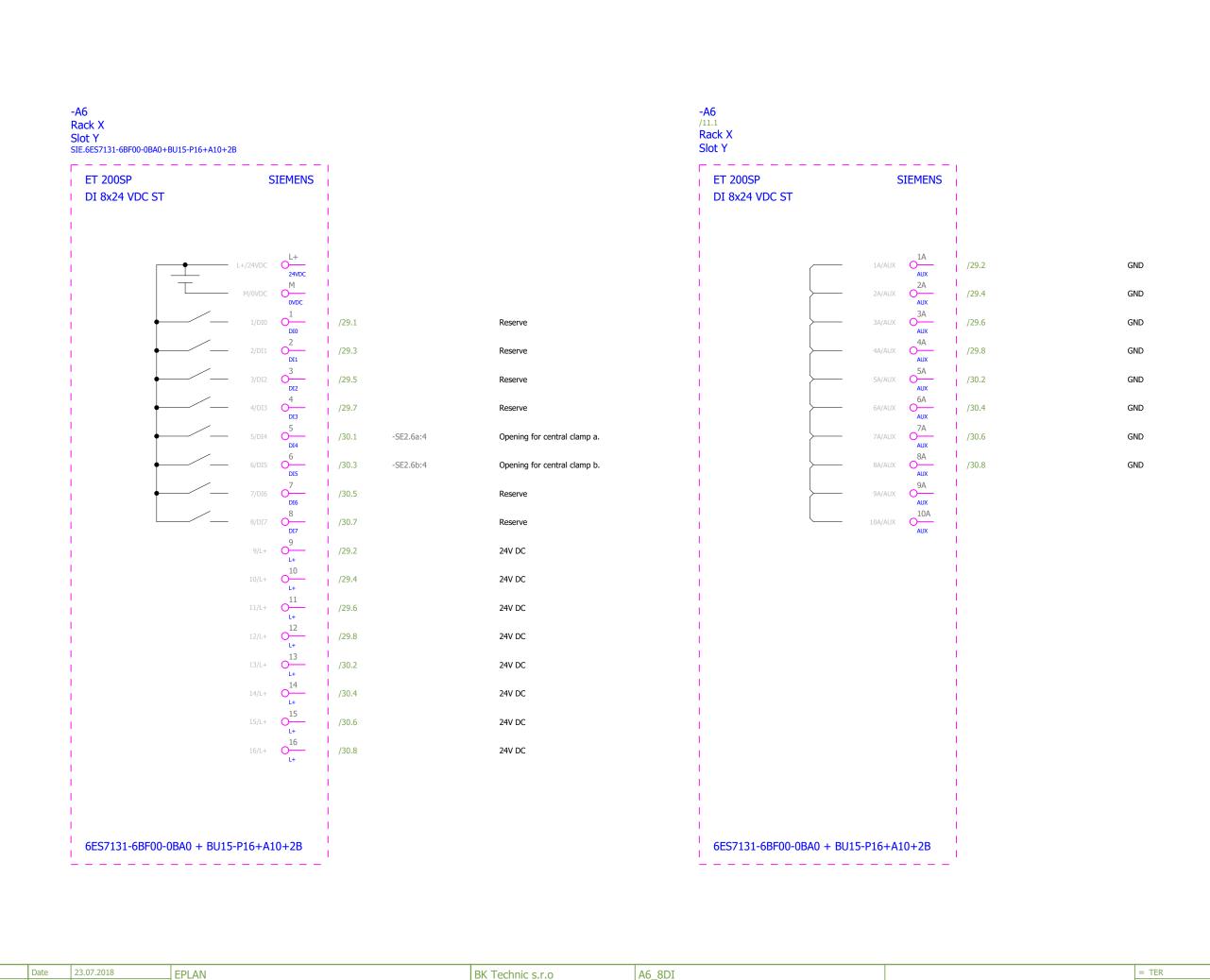
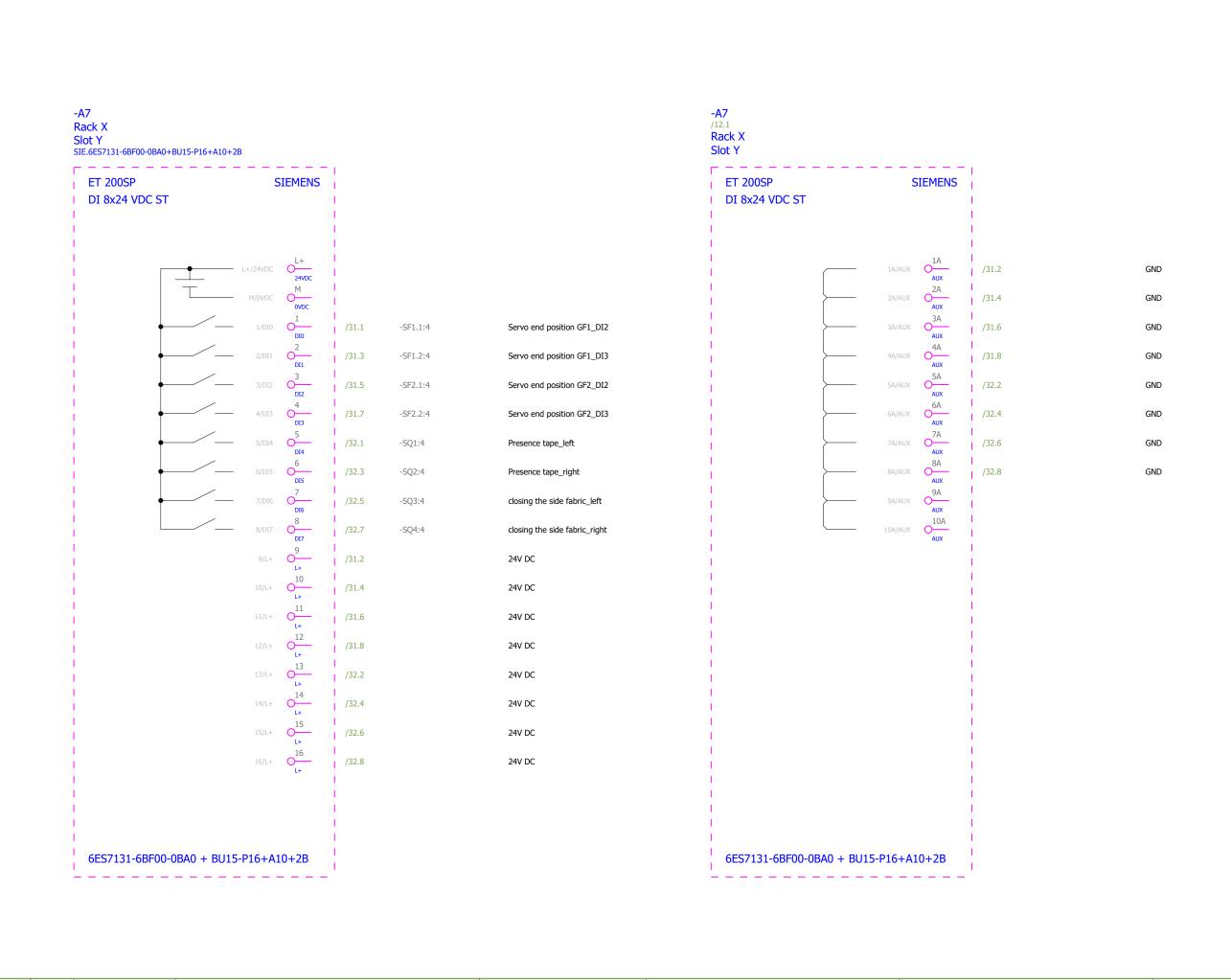
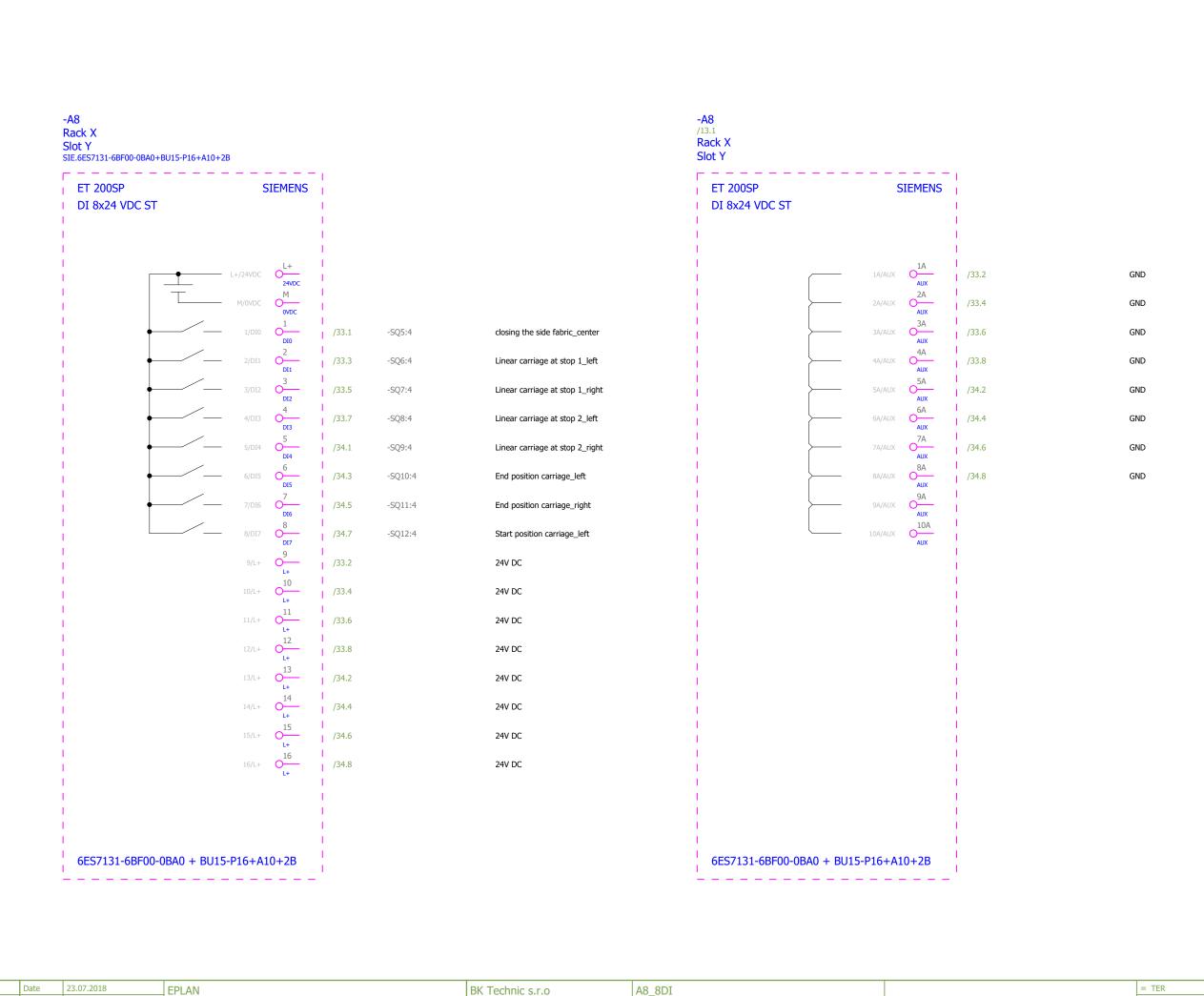


Fig. 1. Fig. 1



| Date | Date | Date | 23.07.2018 | EPLAN | EP

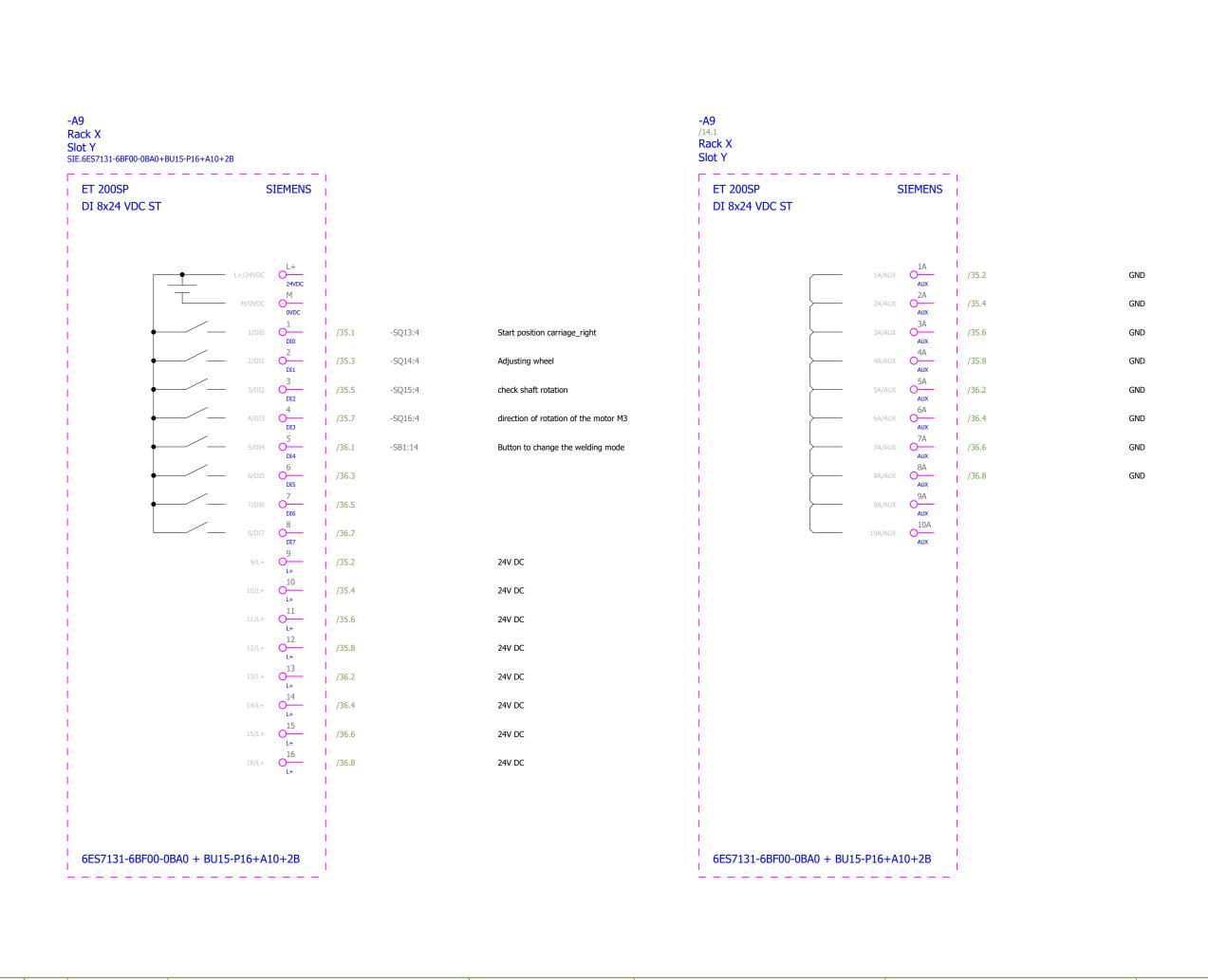


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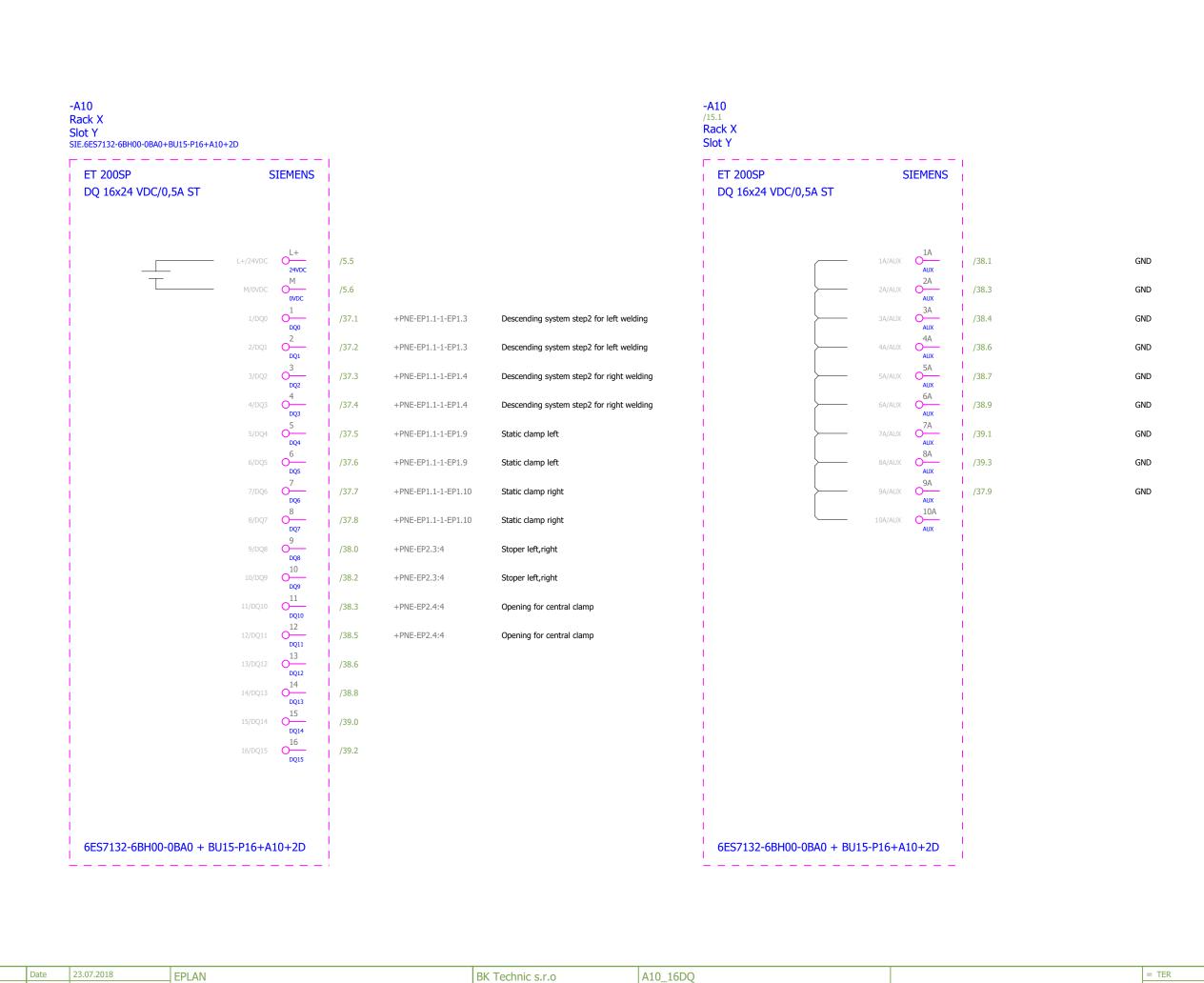
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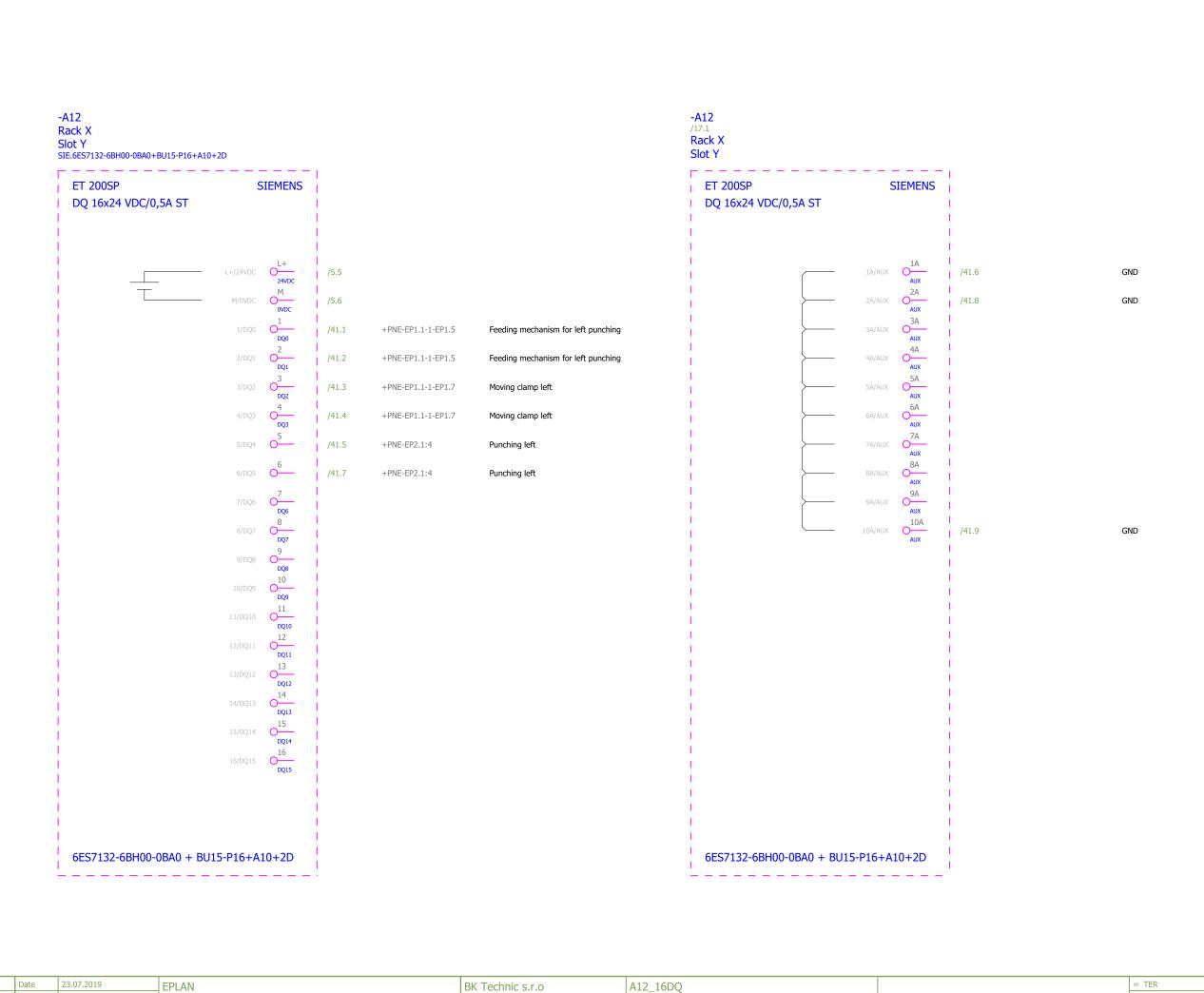


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+ RIO

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+ RIO

Appr Ultrasonic bonding station

N18-1103

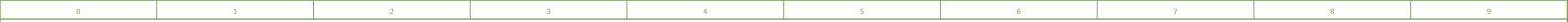
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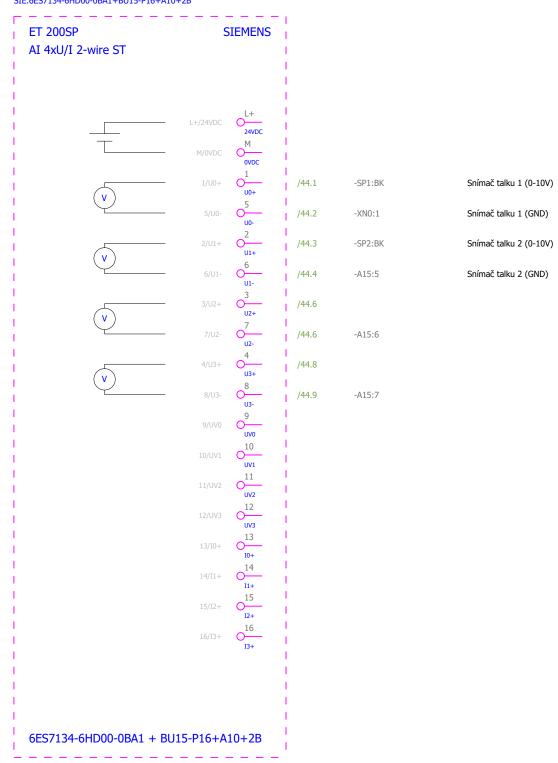
Ultrasonic bonding station

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-A15 Rack X Slot Y SIE.6ES7134-6HD00-0BA1+BU15-P16+A10+2B ET 200SP

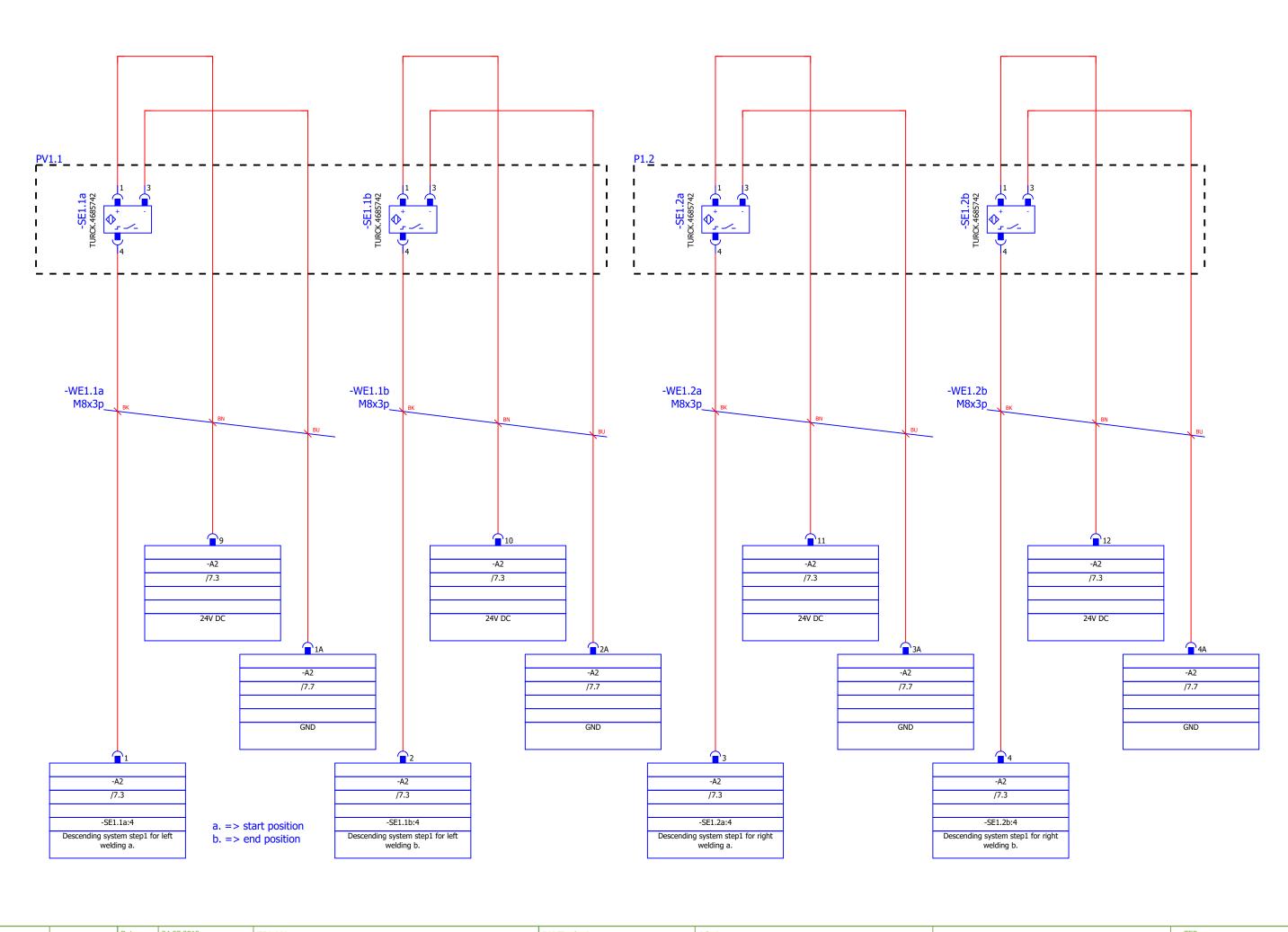


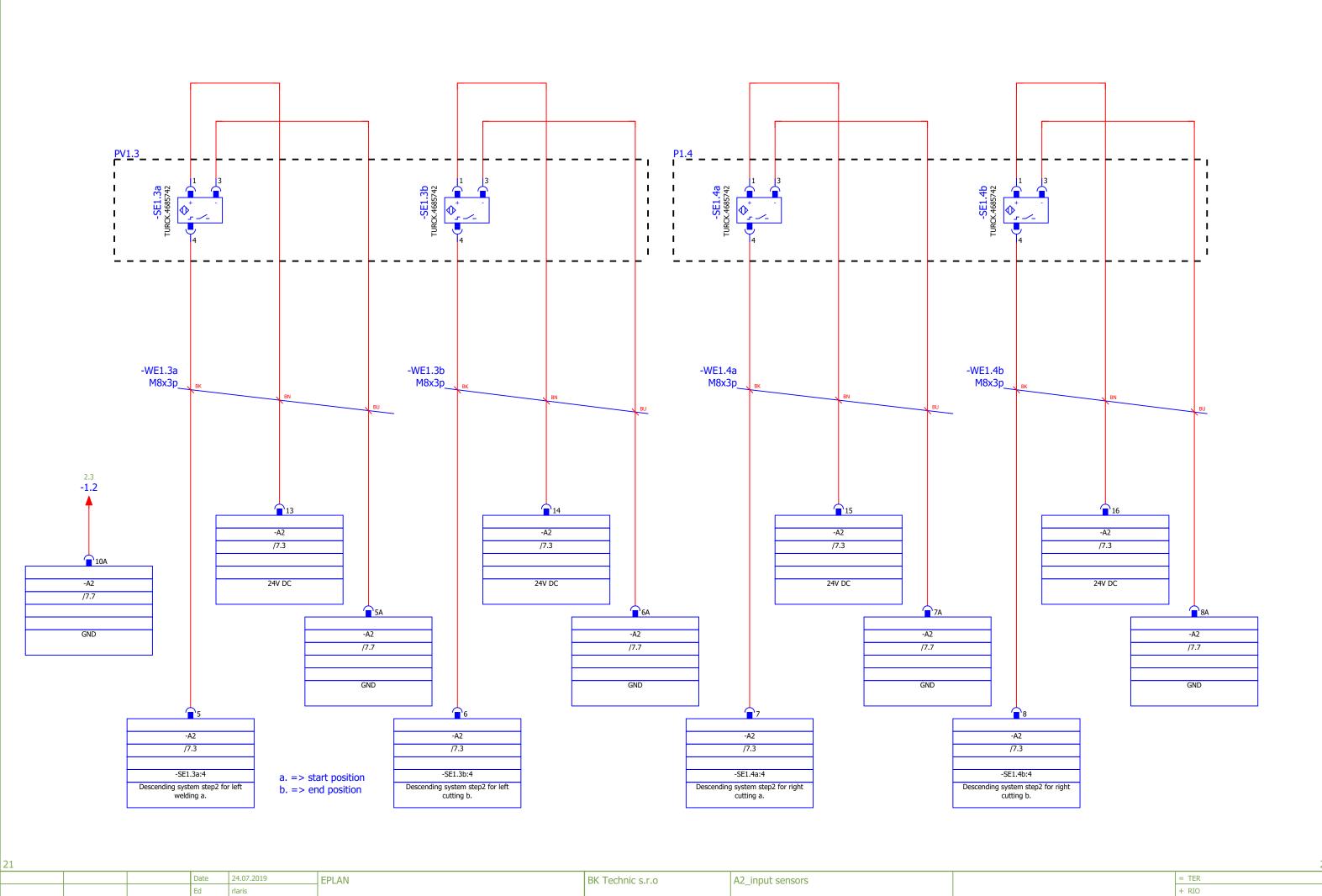
-A15 /20.1 Rack X Slot Y ET 200SP SIEMENS AI 4xU/I 2-wire ST

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

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04.01.2019 EPLAN BK Technic s.r.o A15\_analog 4UI = TER rlaris + RIO Ultrasonic bonding station N18-1103



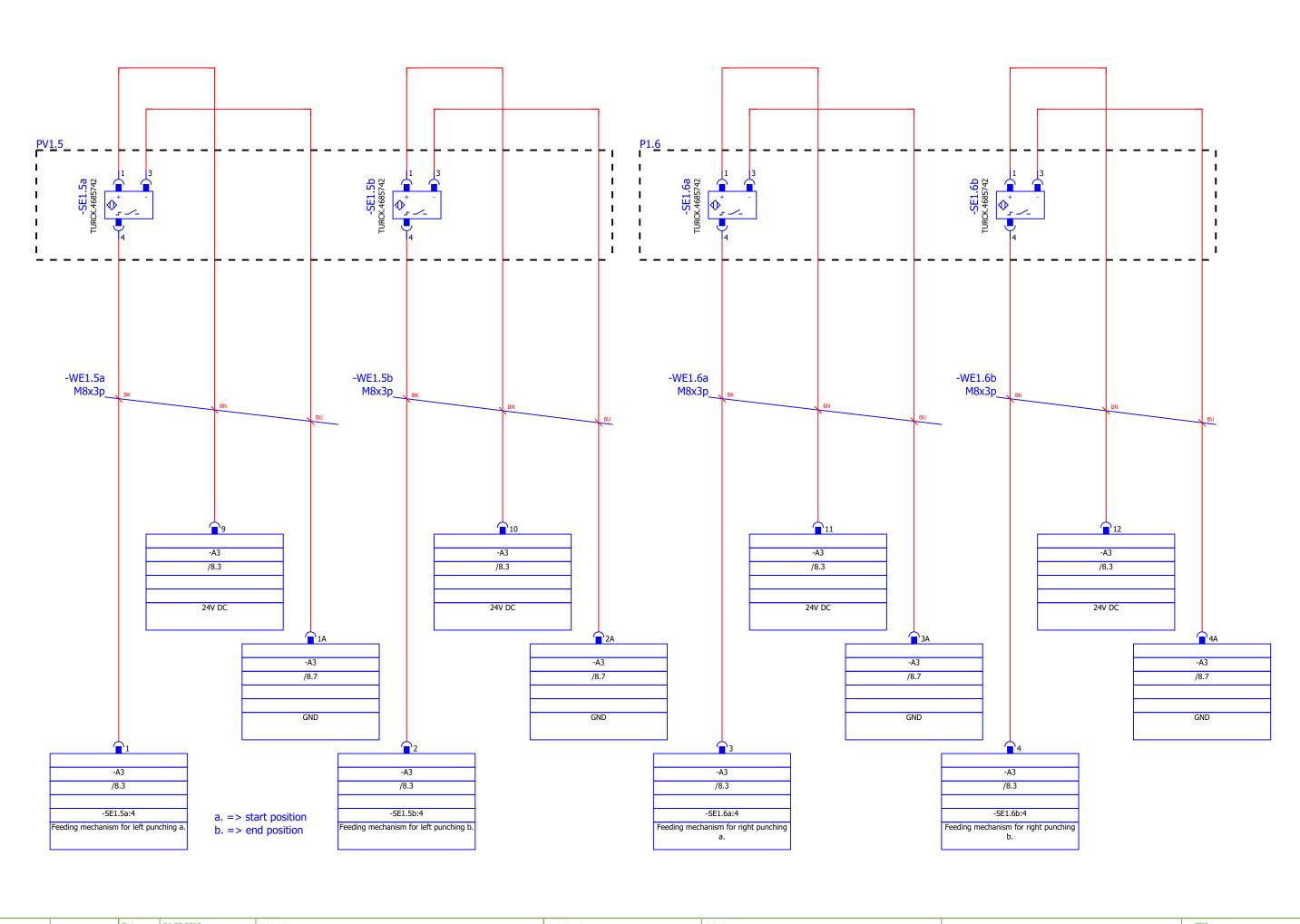


Ultrasonic bonding station

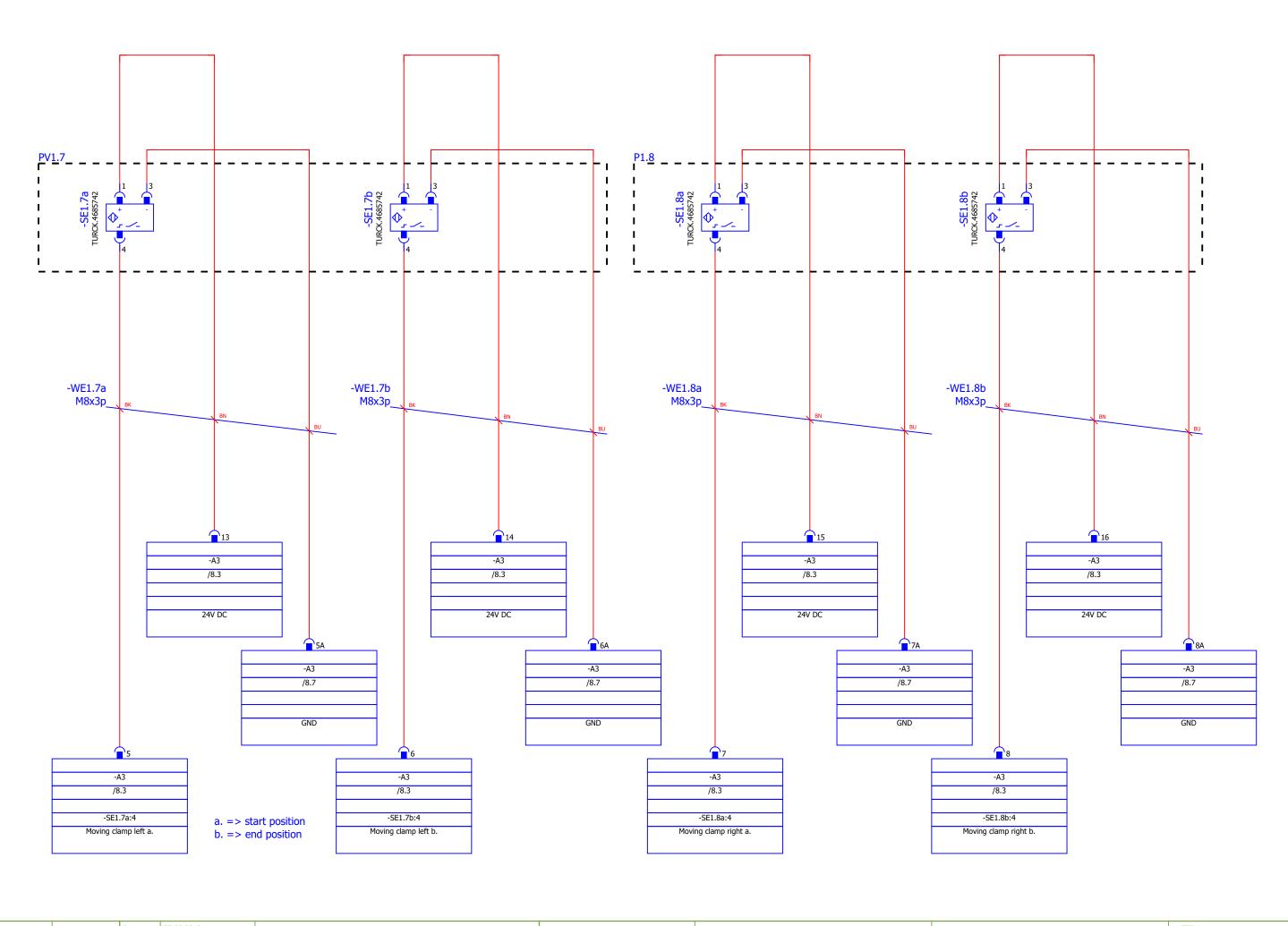
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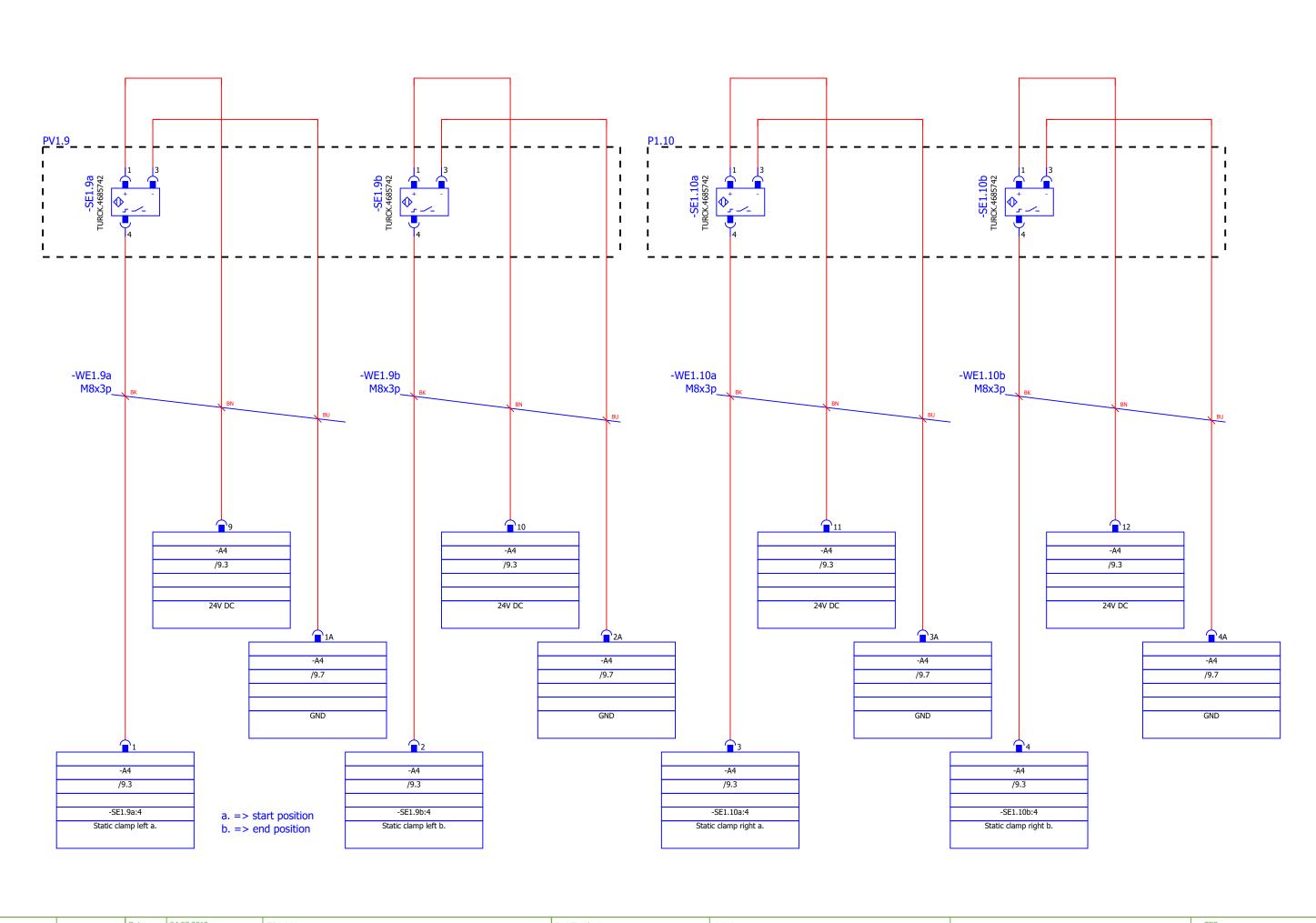
N18-1103 Page 22 Page 61/89



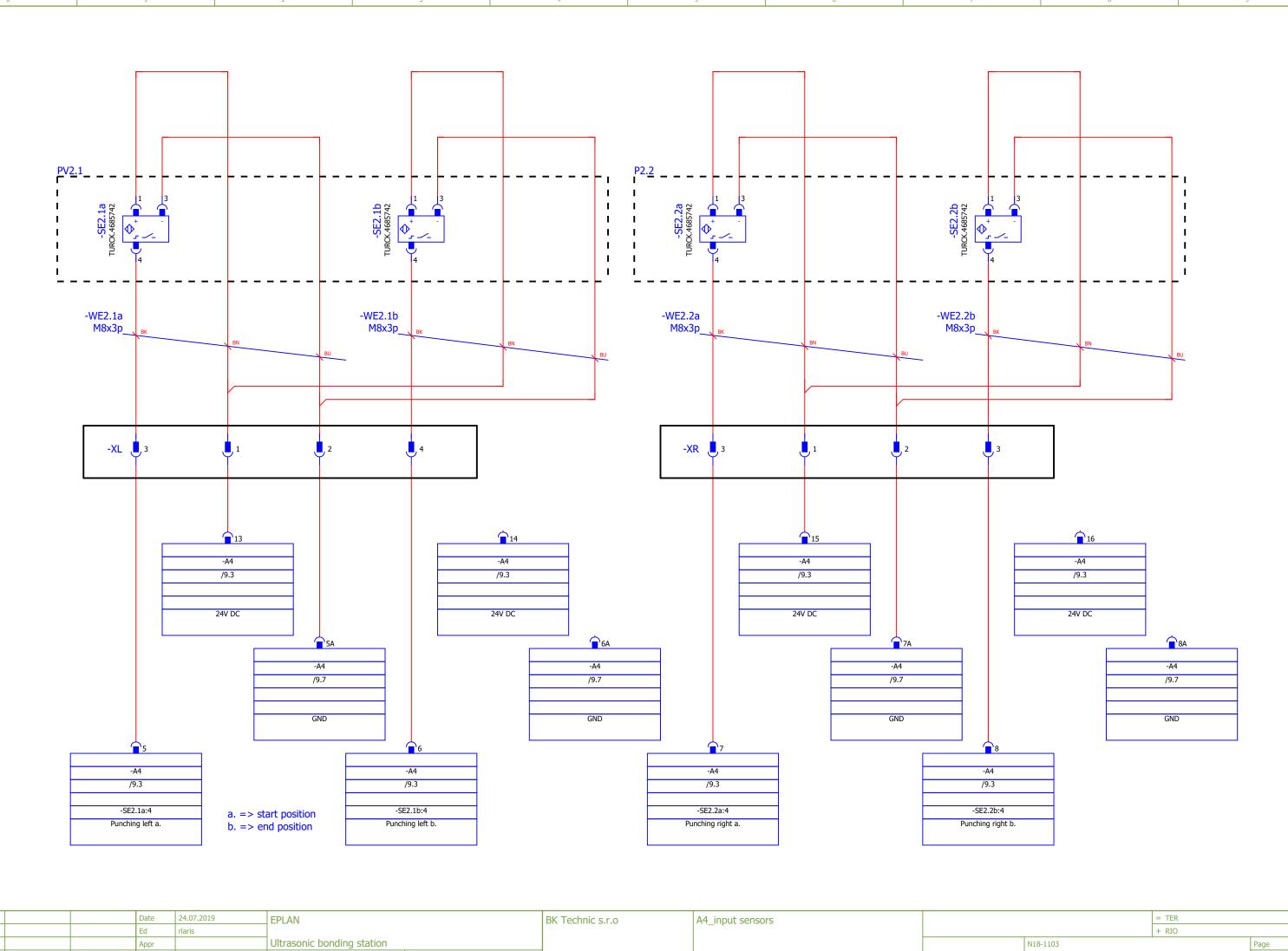
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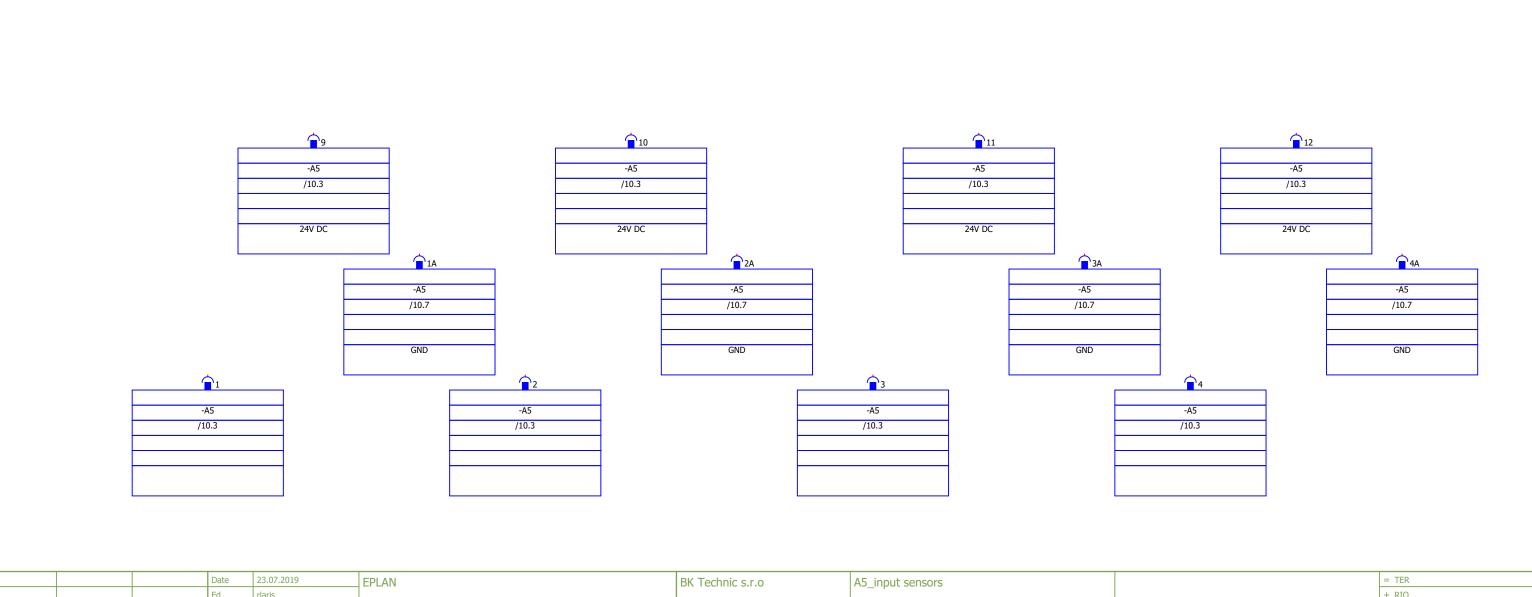


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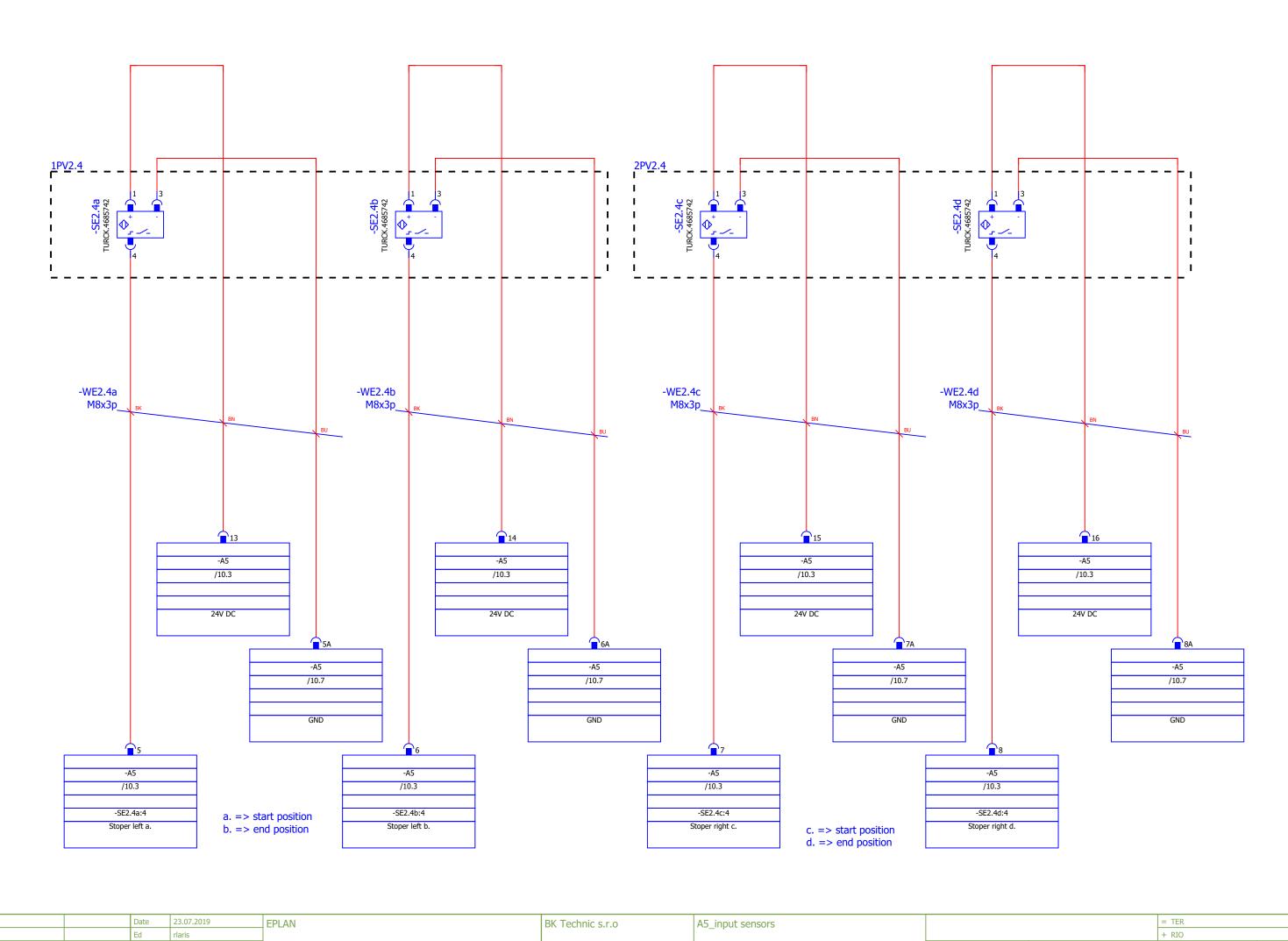
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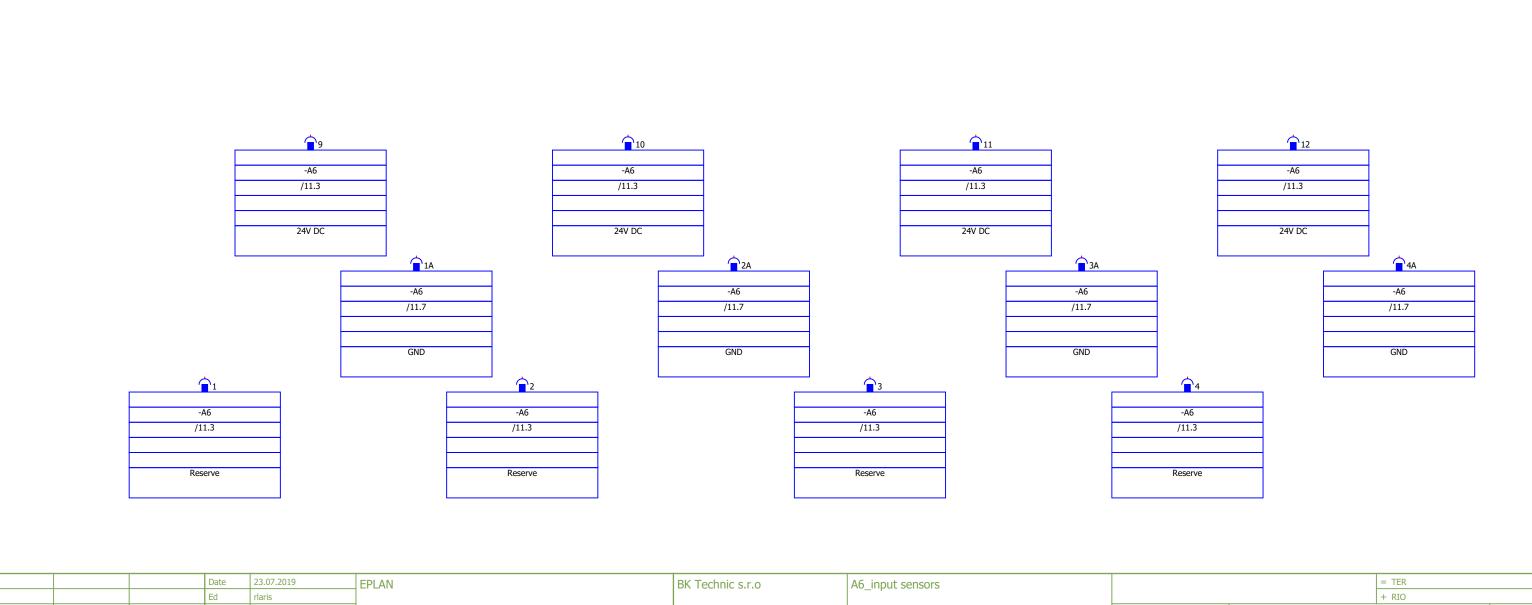


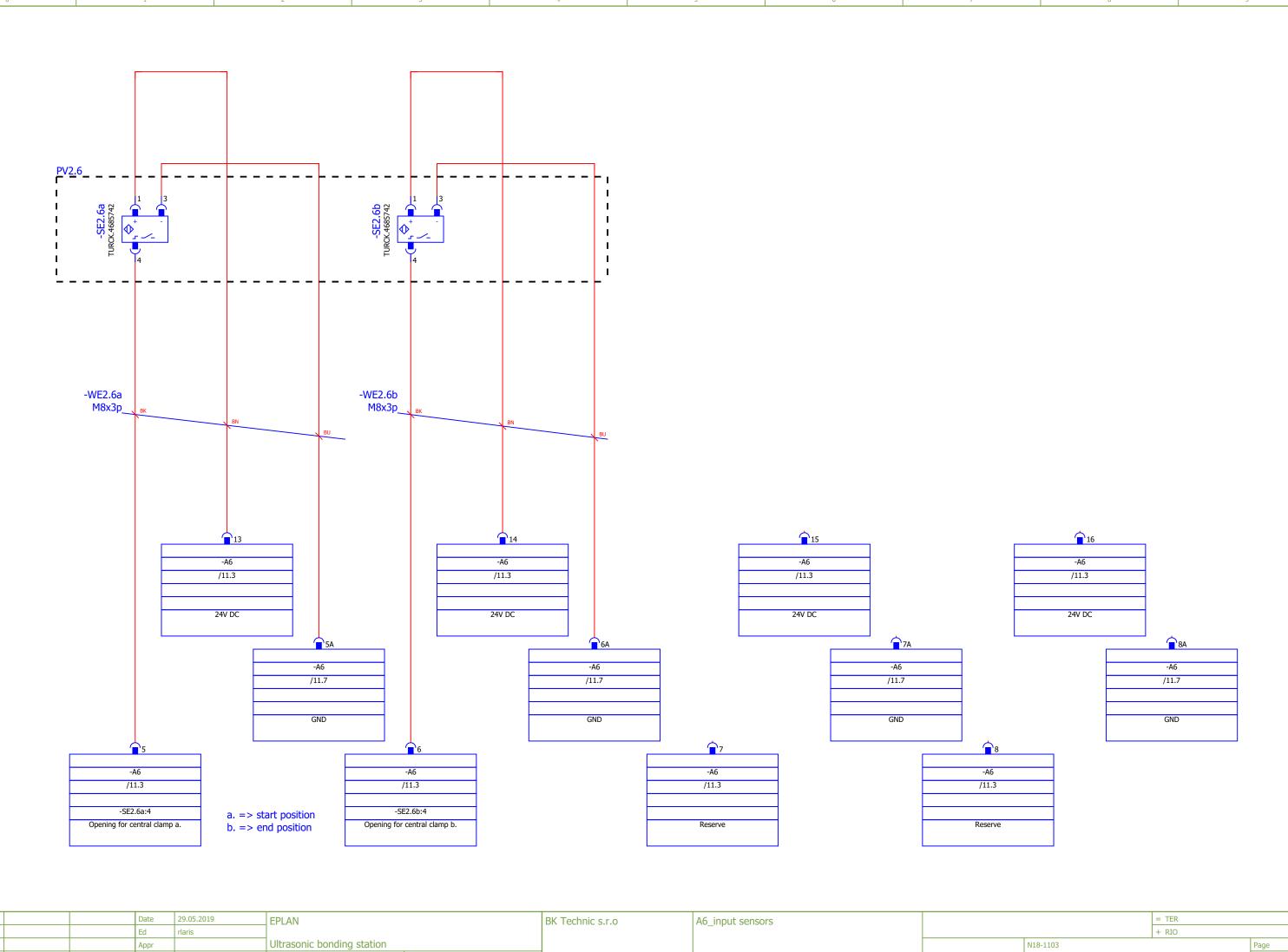
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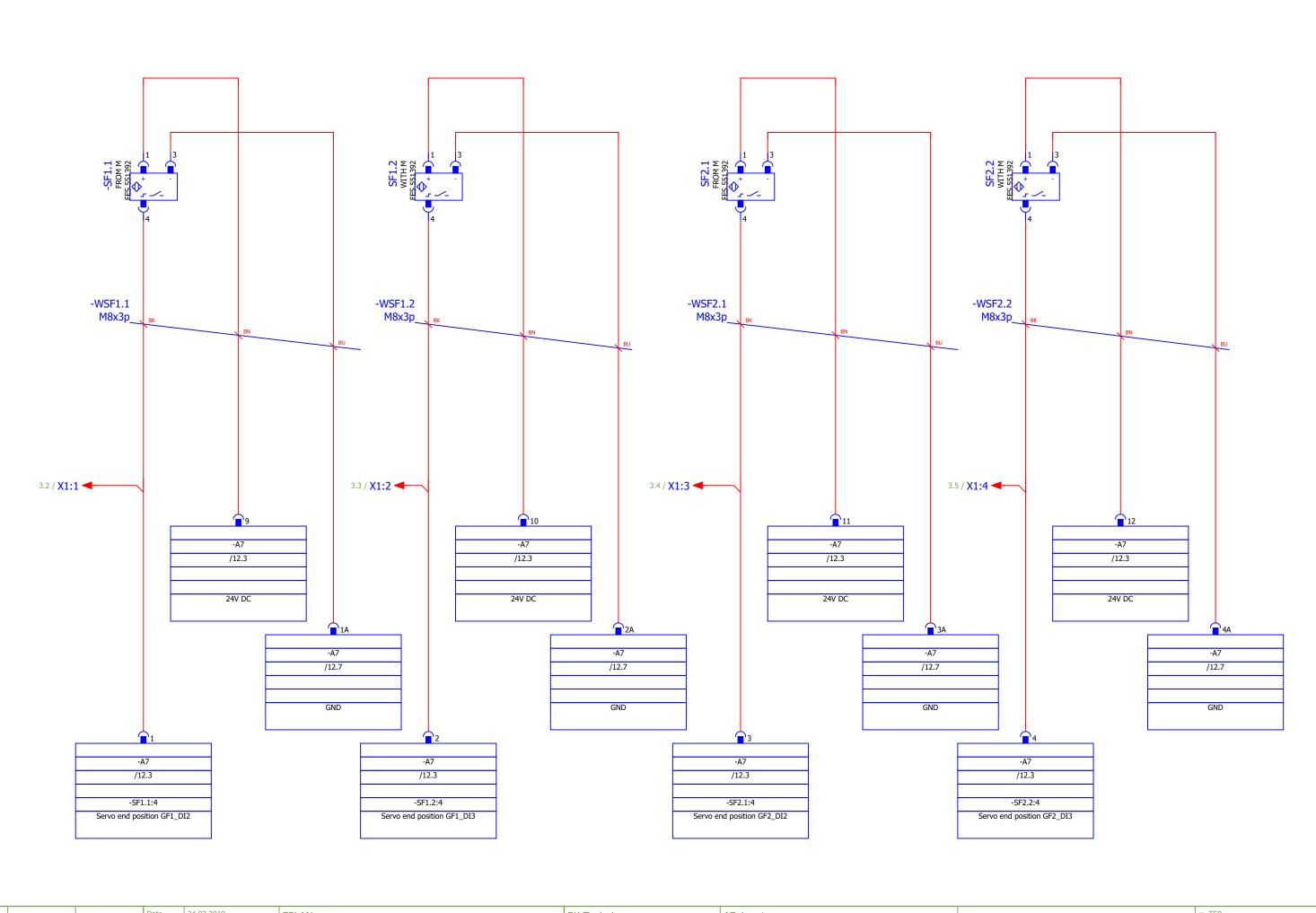




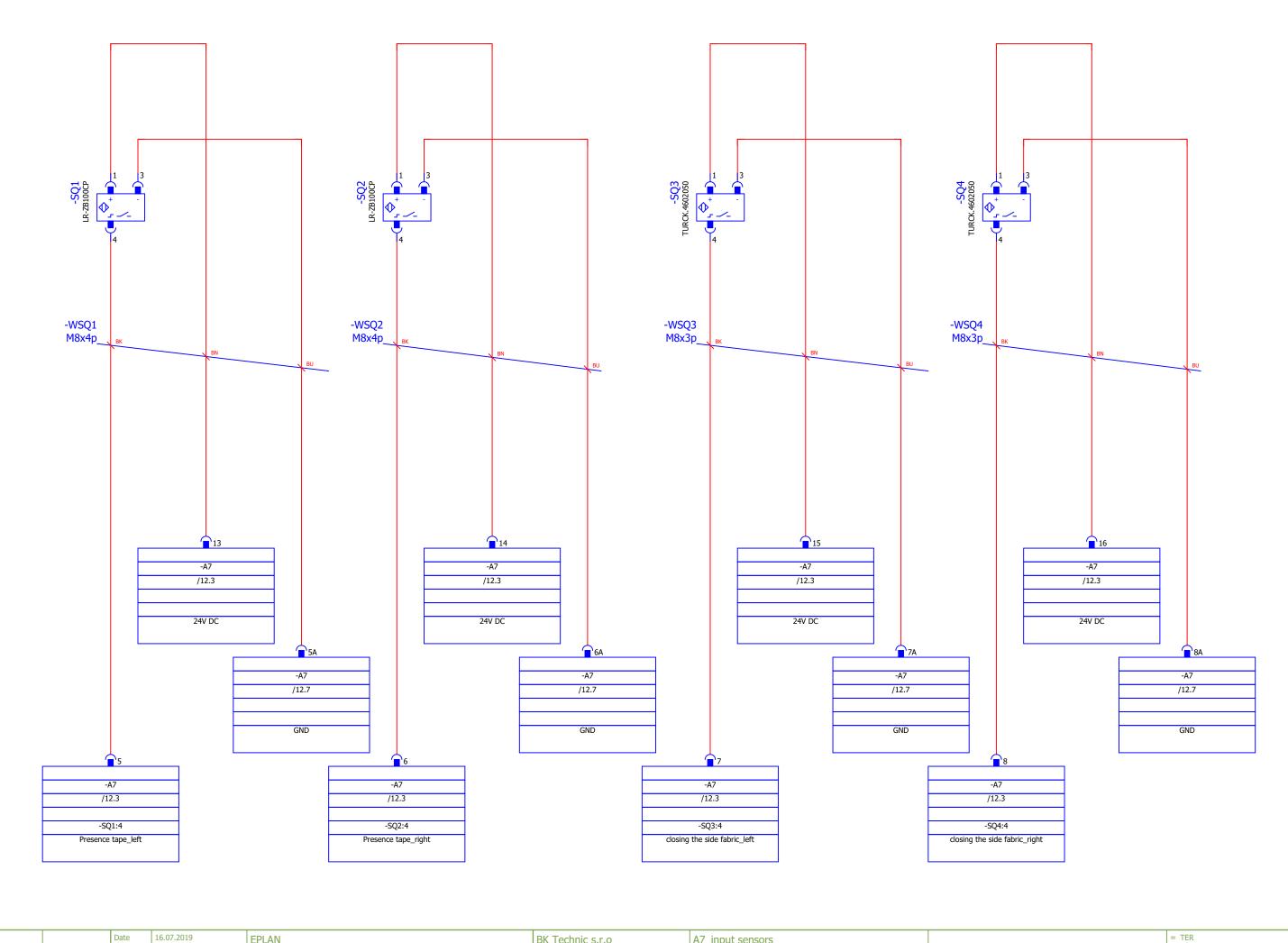
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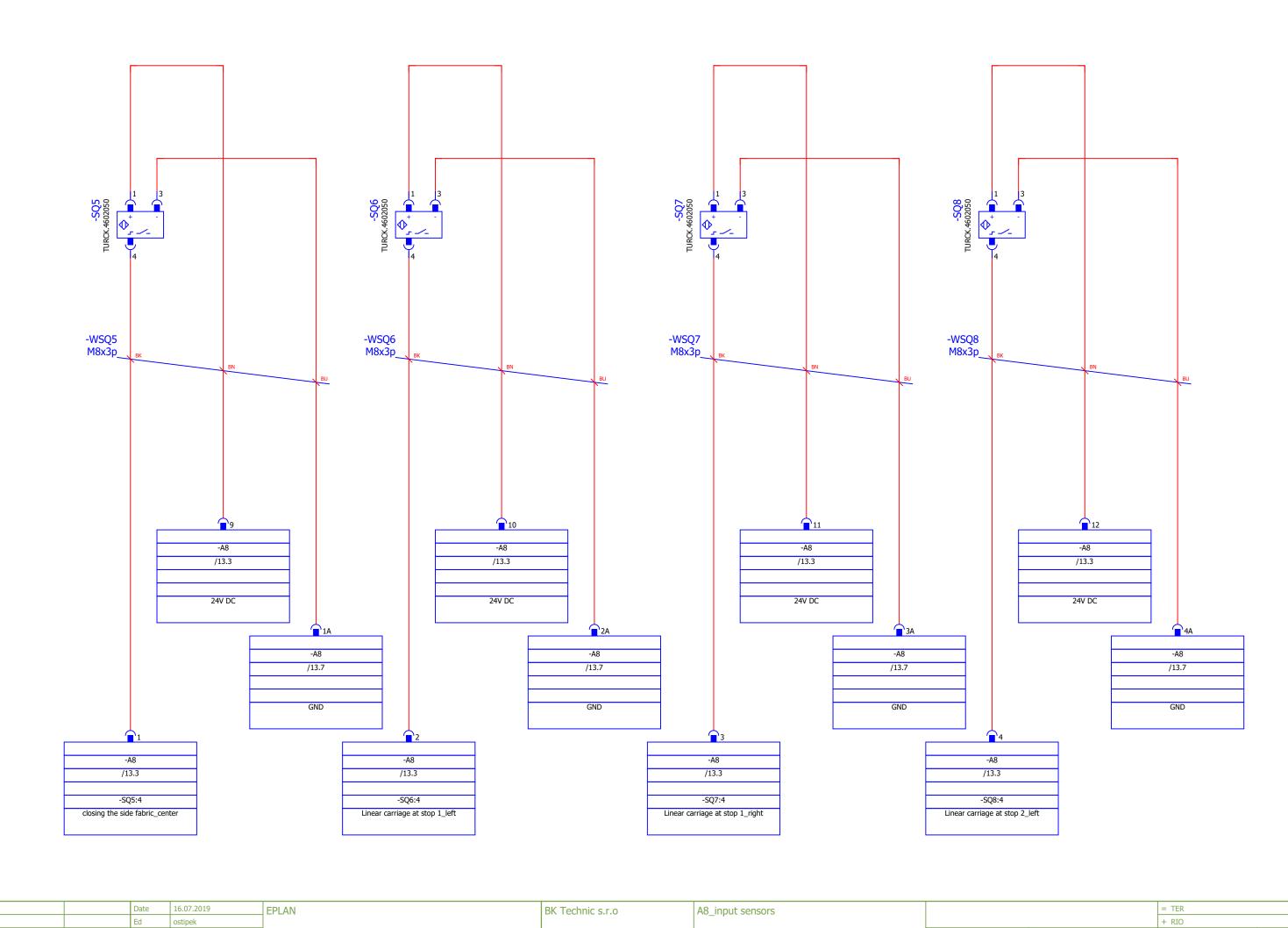
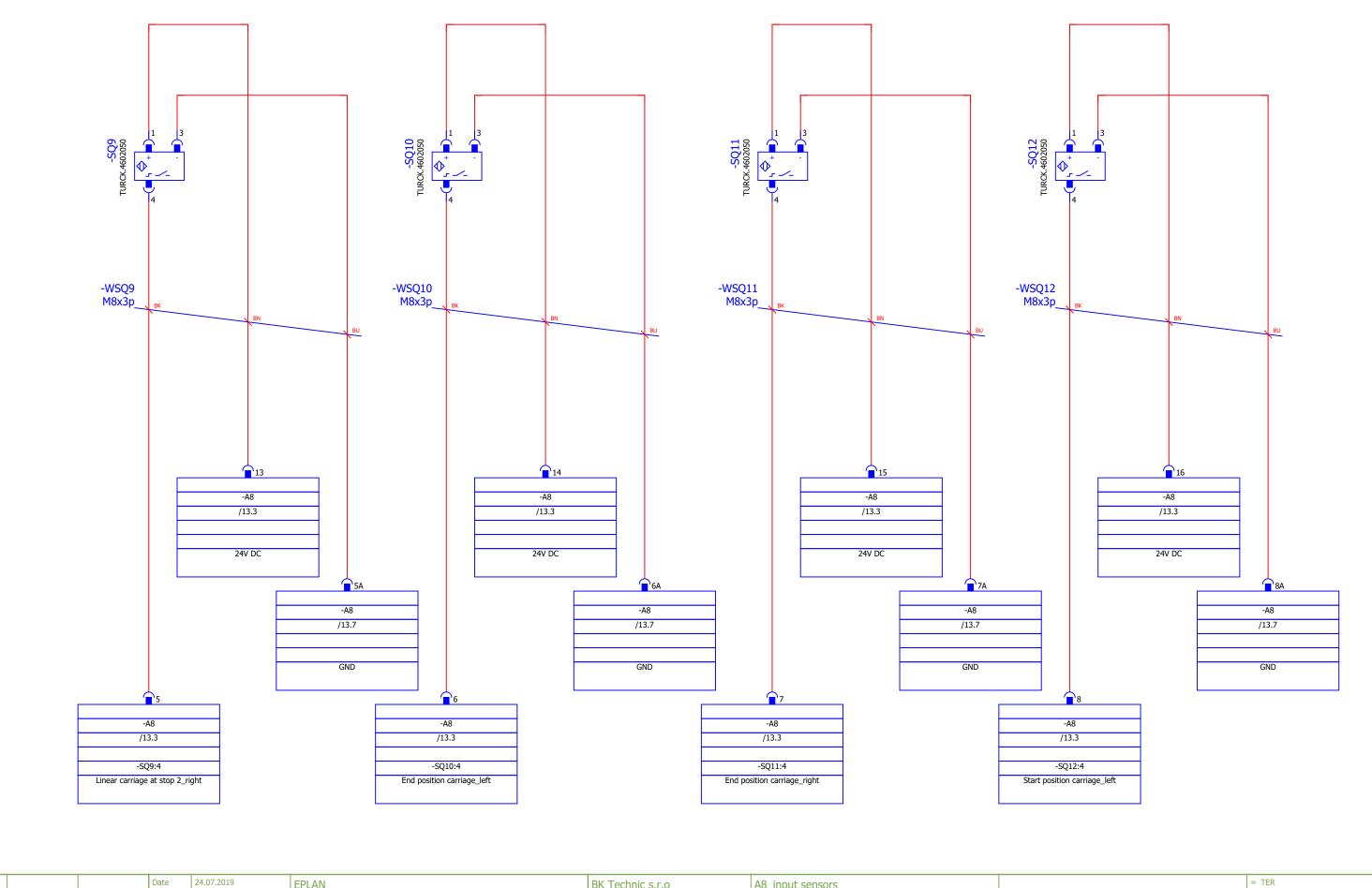
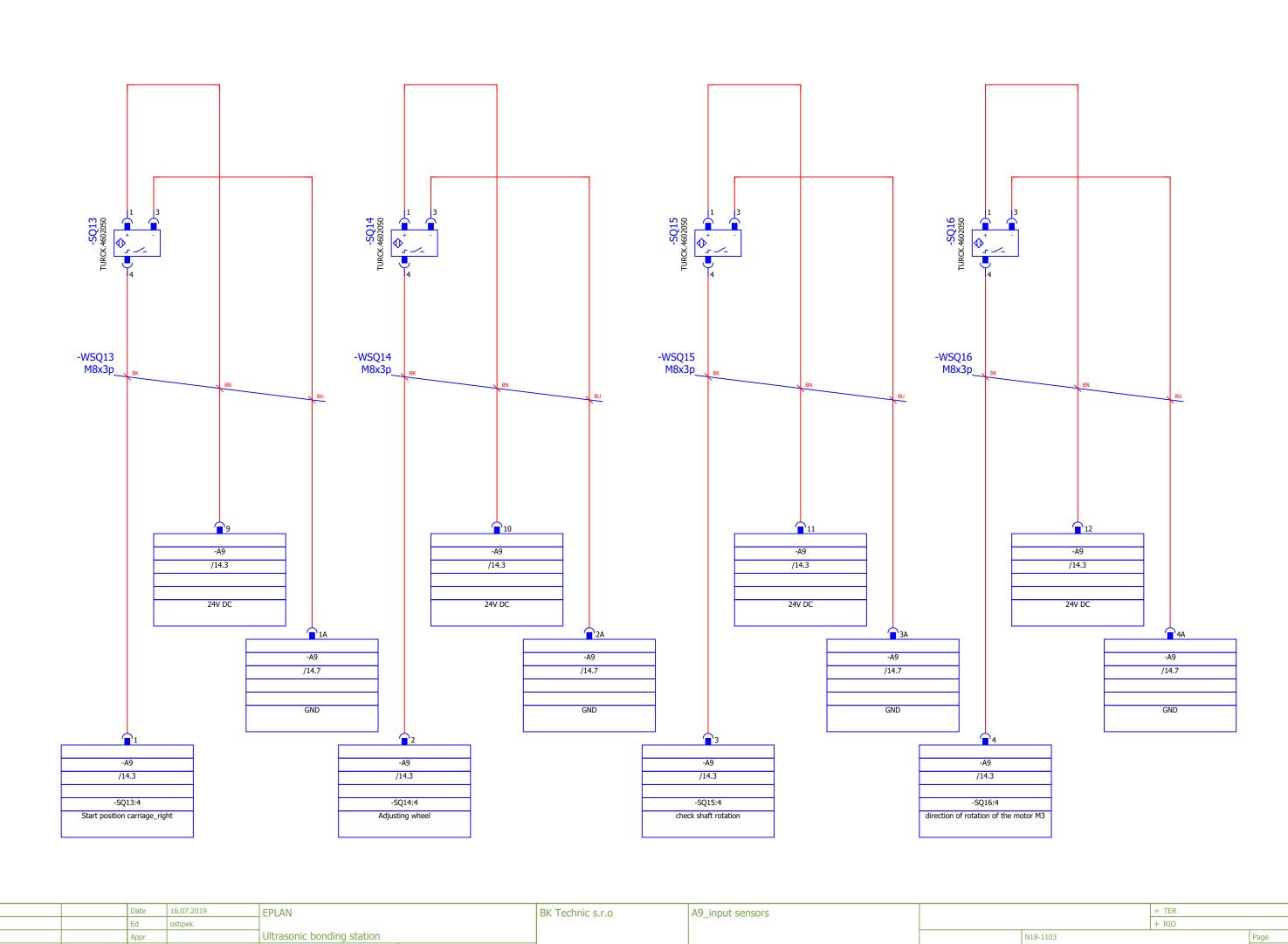


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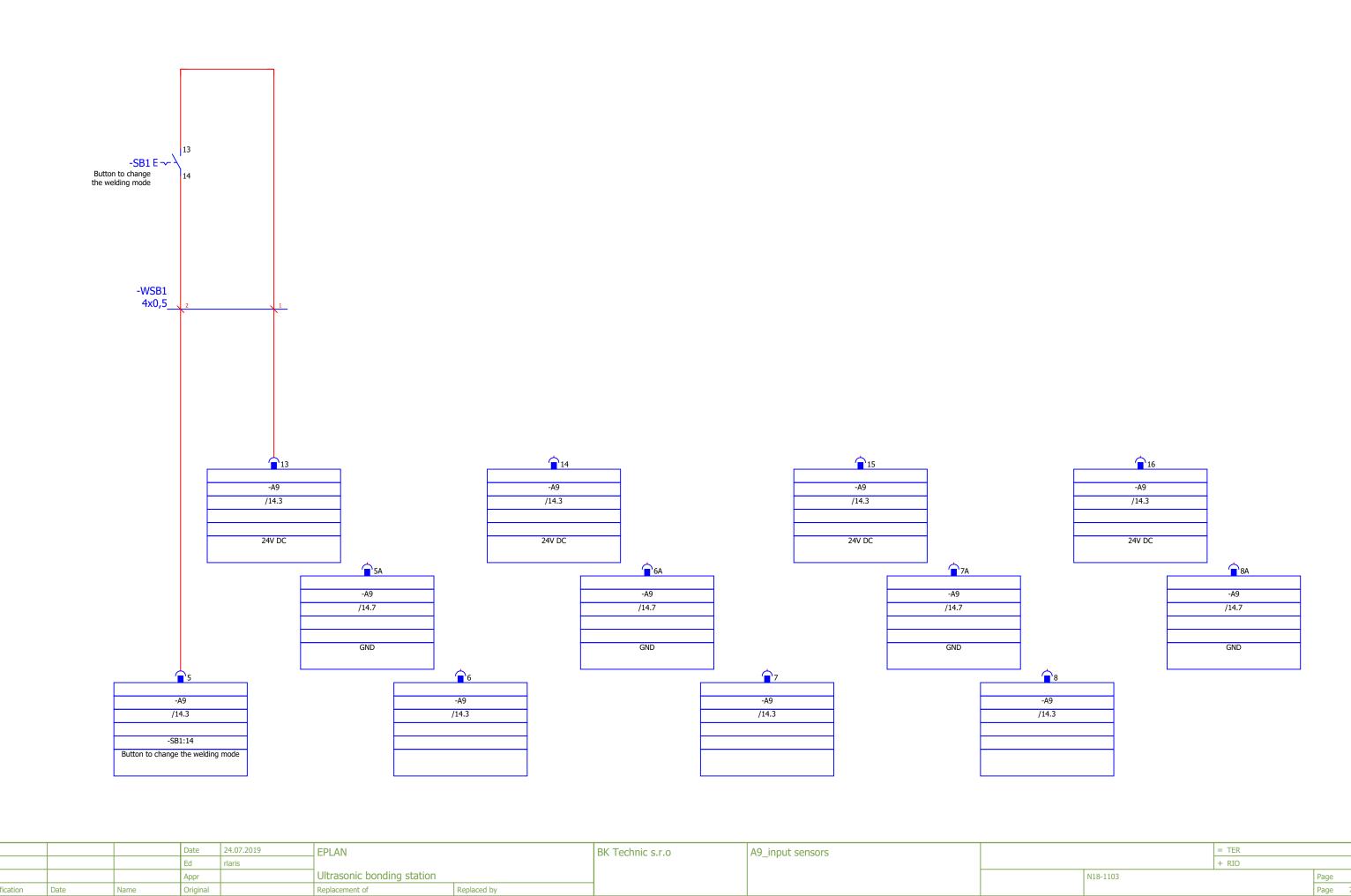


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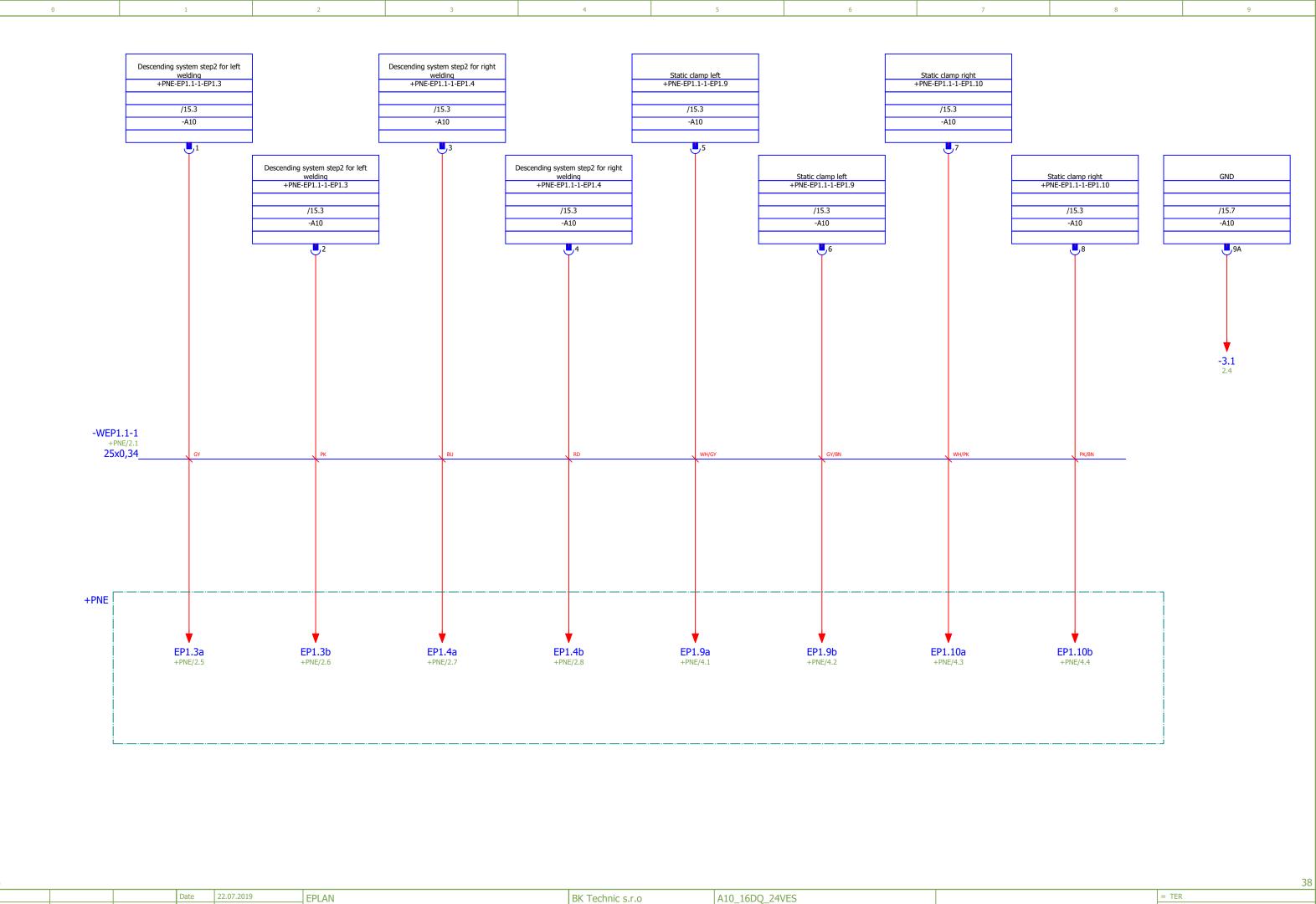
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N18-1103



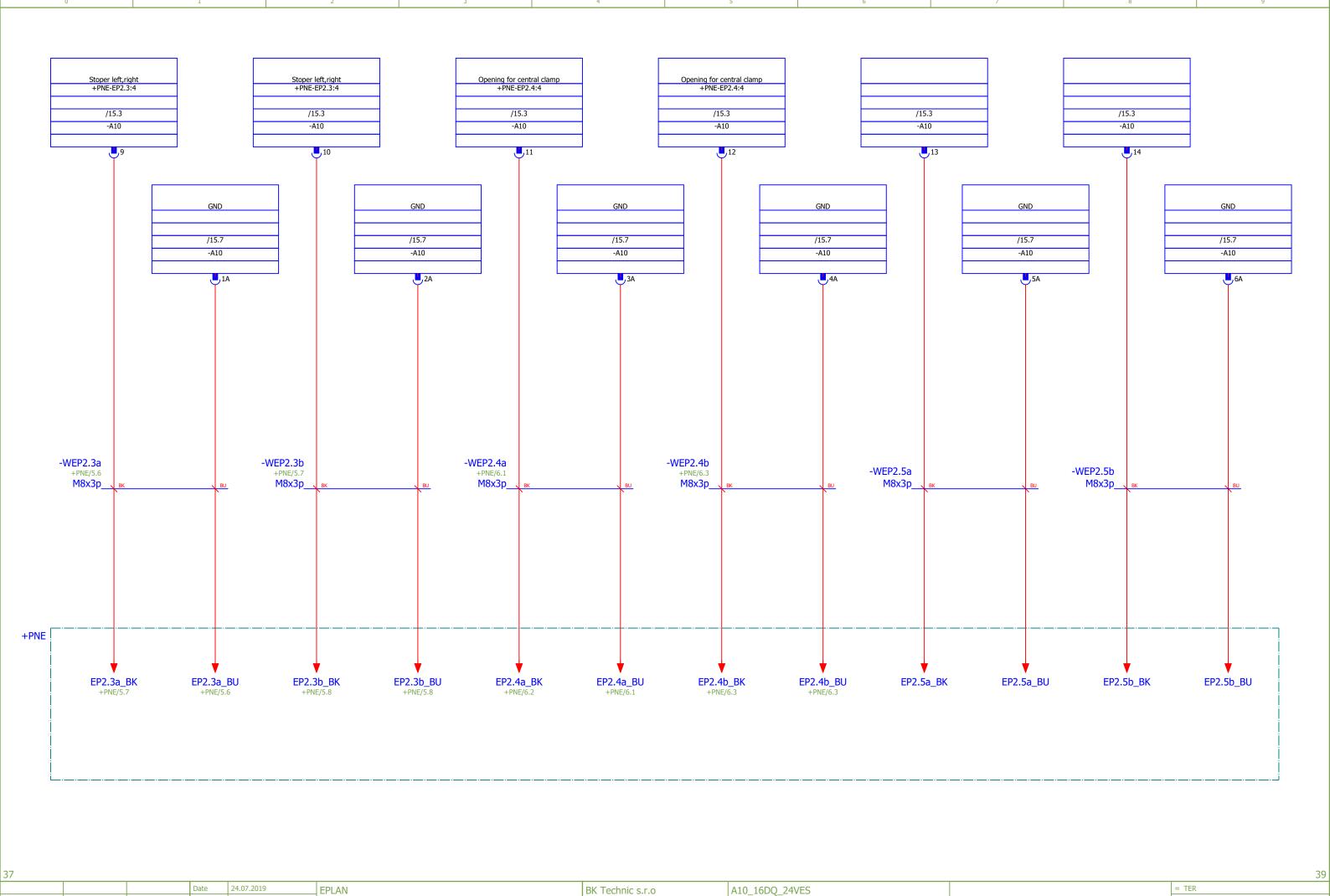
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+ RIO

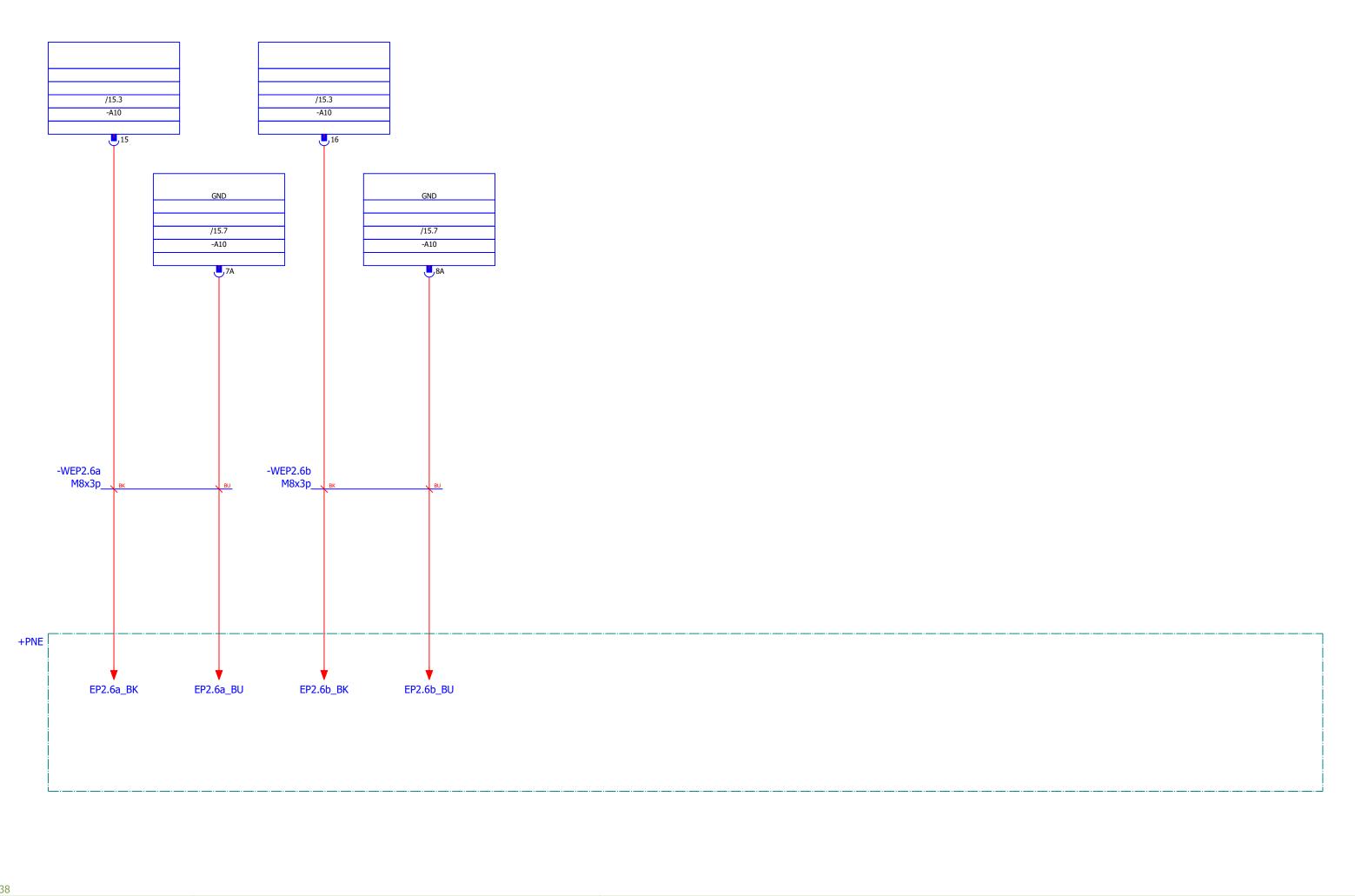


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Ultrasonic bonding station

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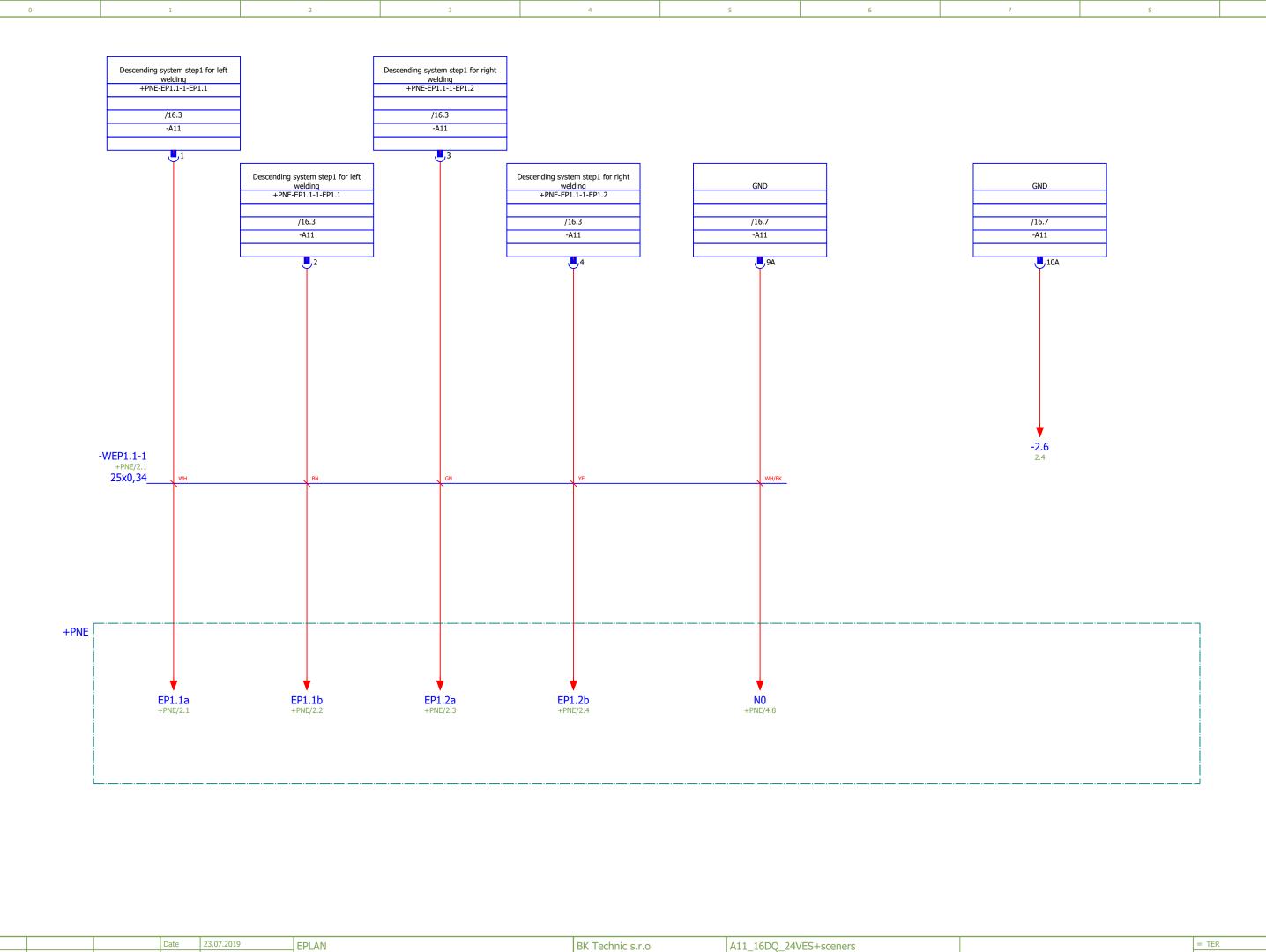
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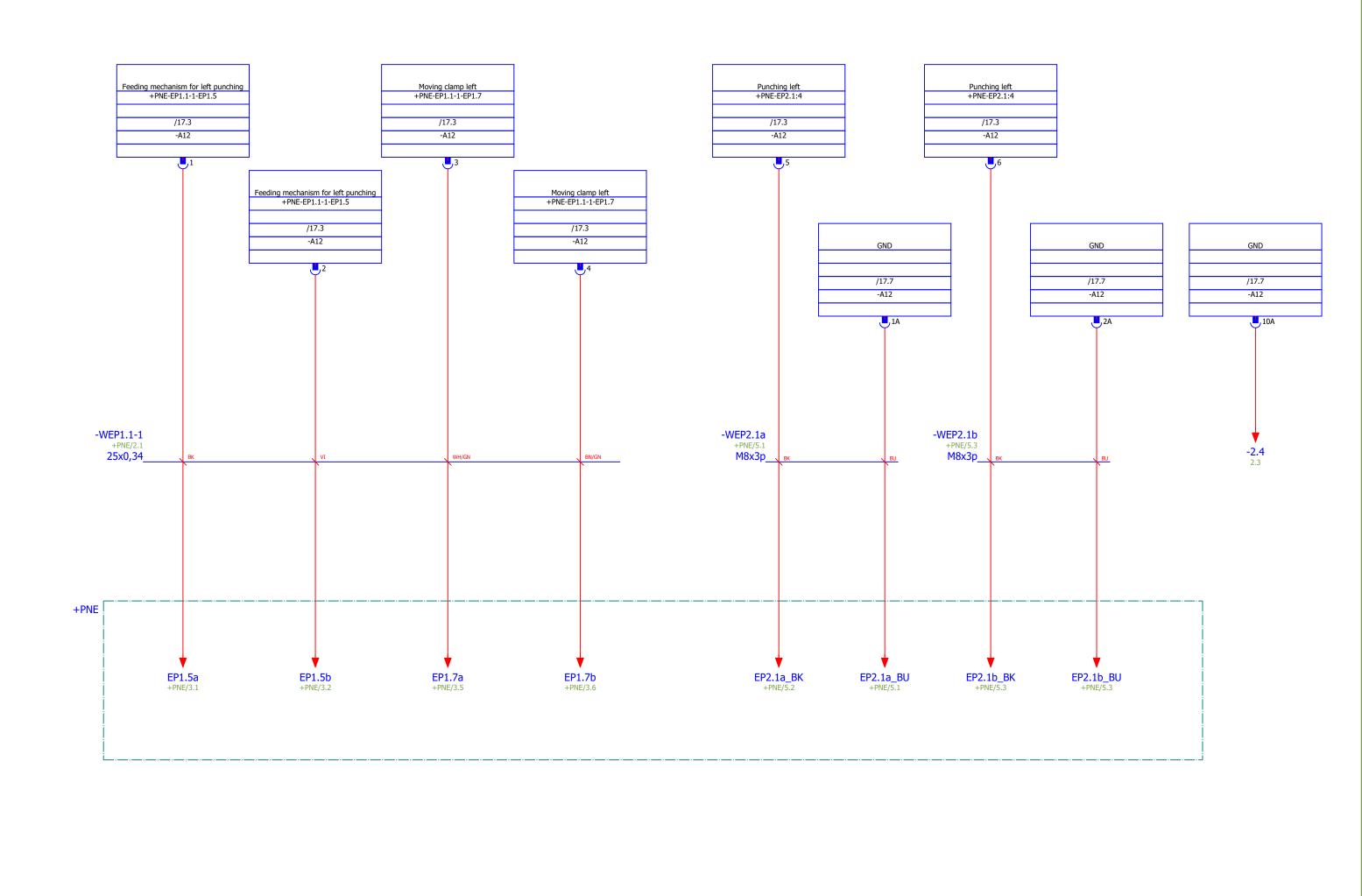
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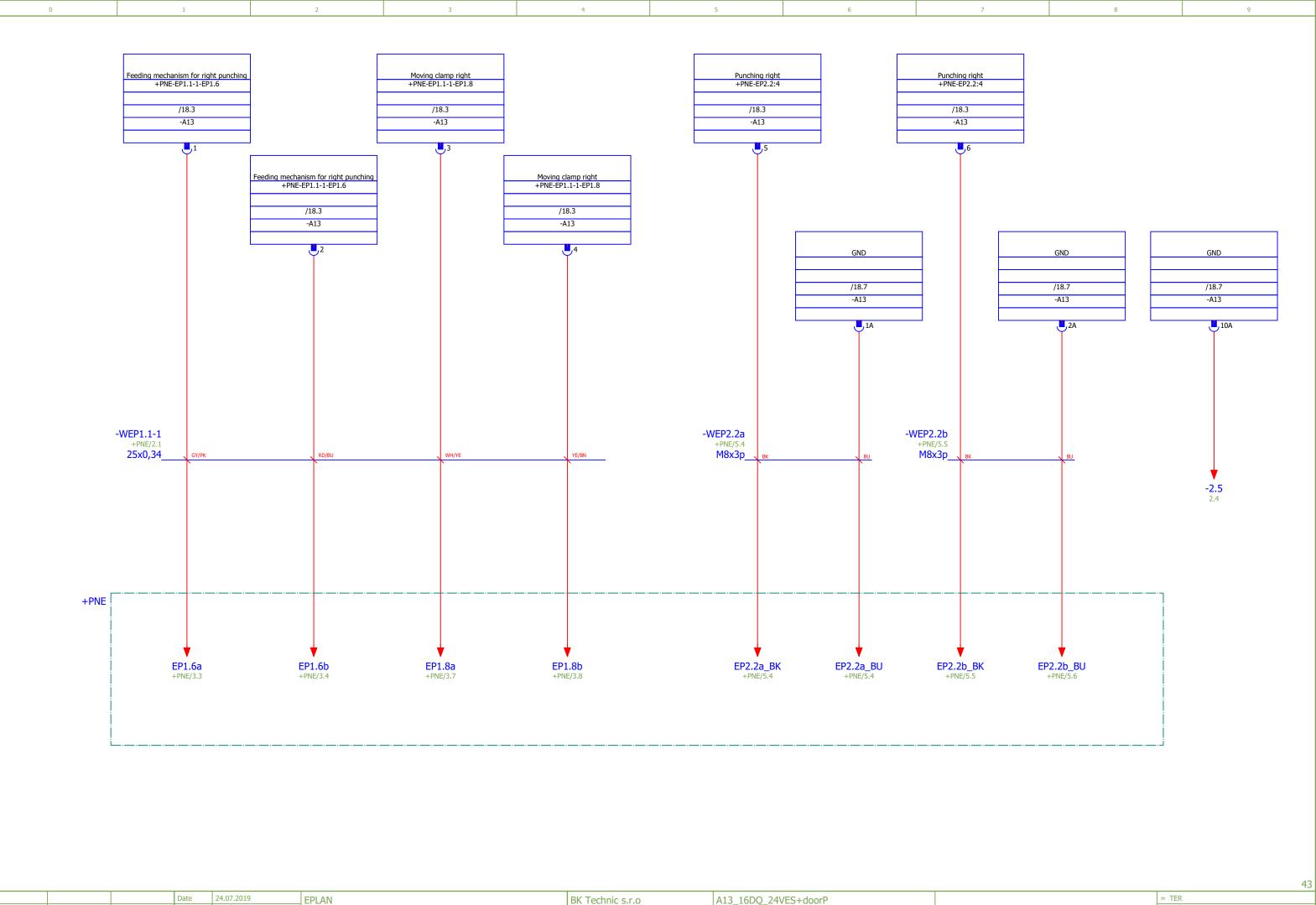
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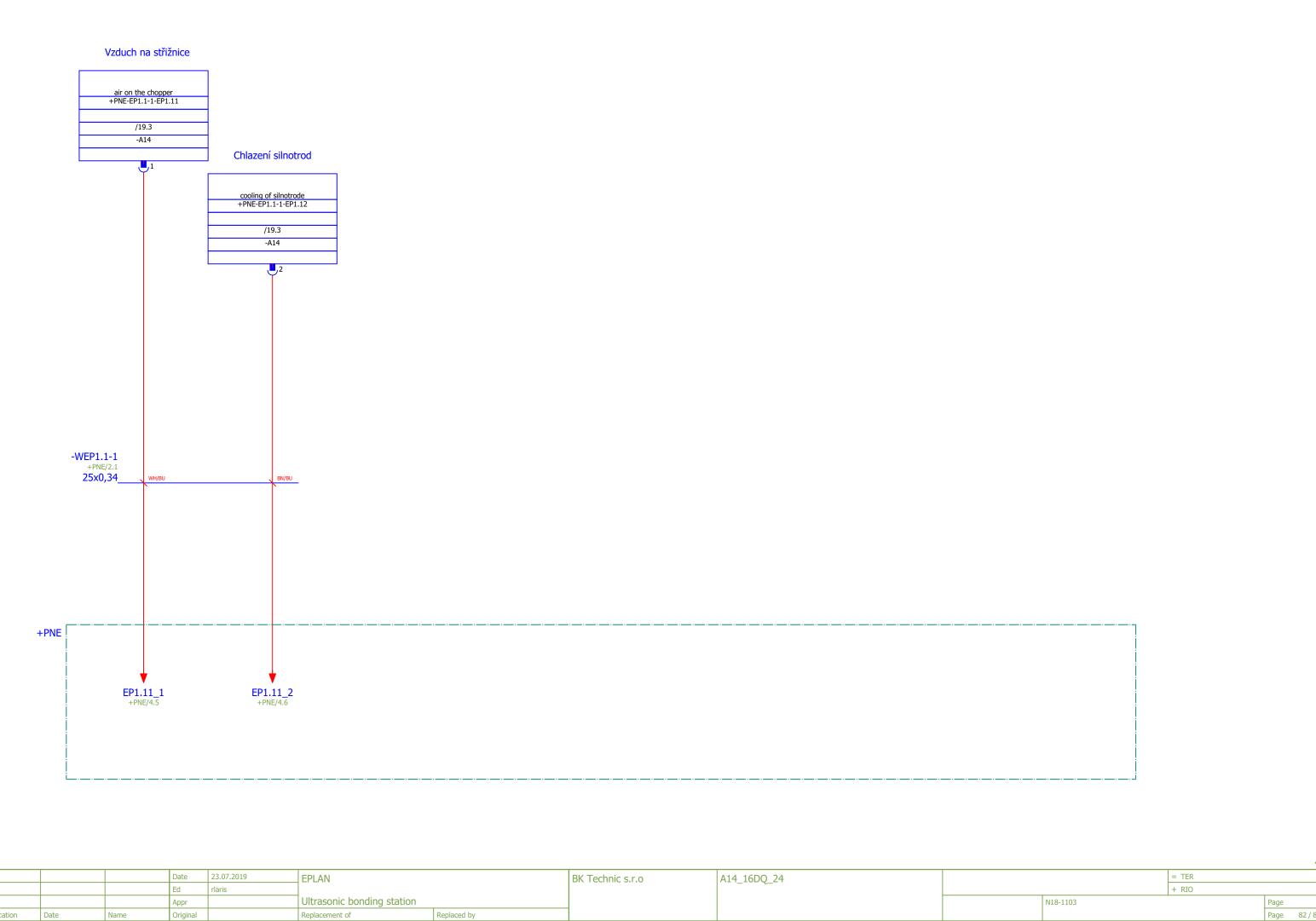
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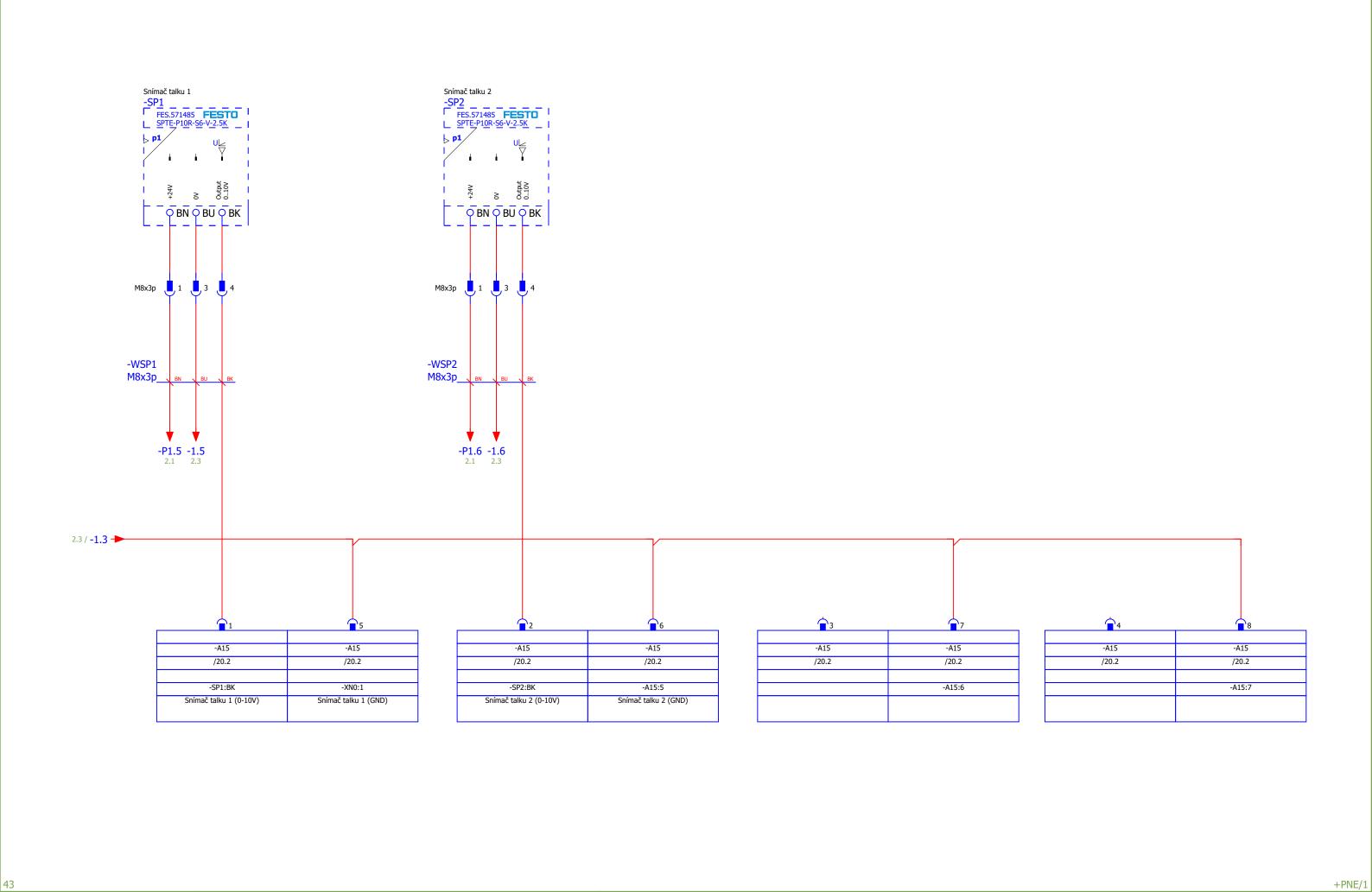


rlaris + RIO Page 42 Page 81 / 89 Appr Ultrasonic bonding station N18-1103 Replacement of

A13\_16DQ\_24VES+doorP



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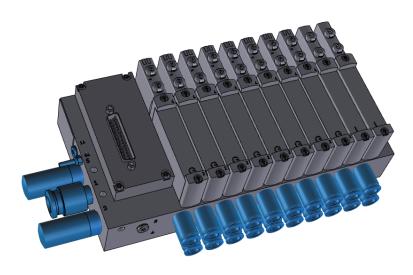
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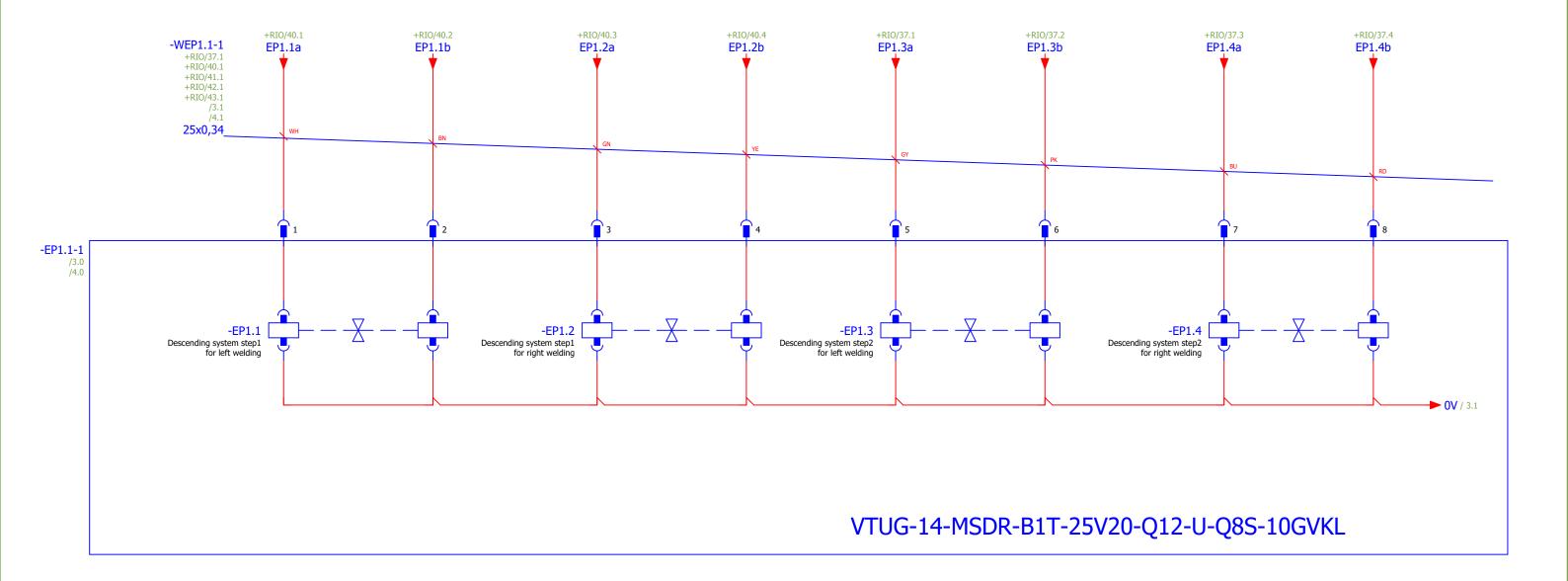
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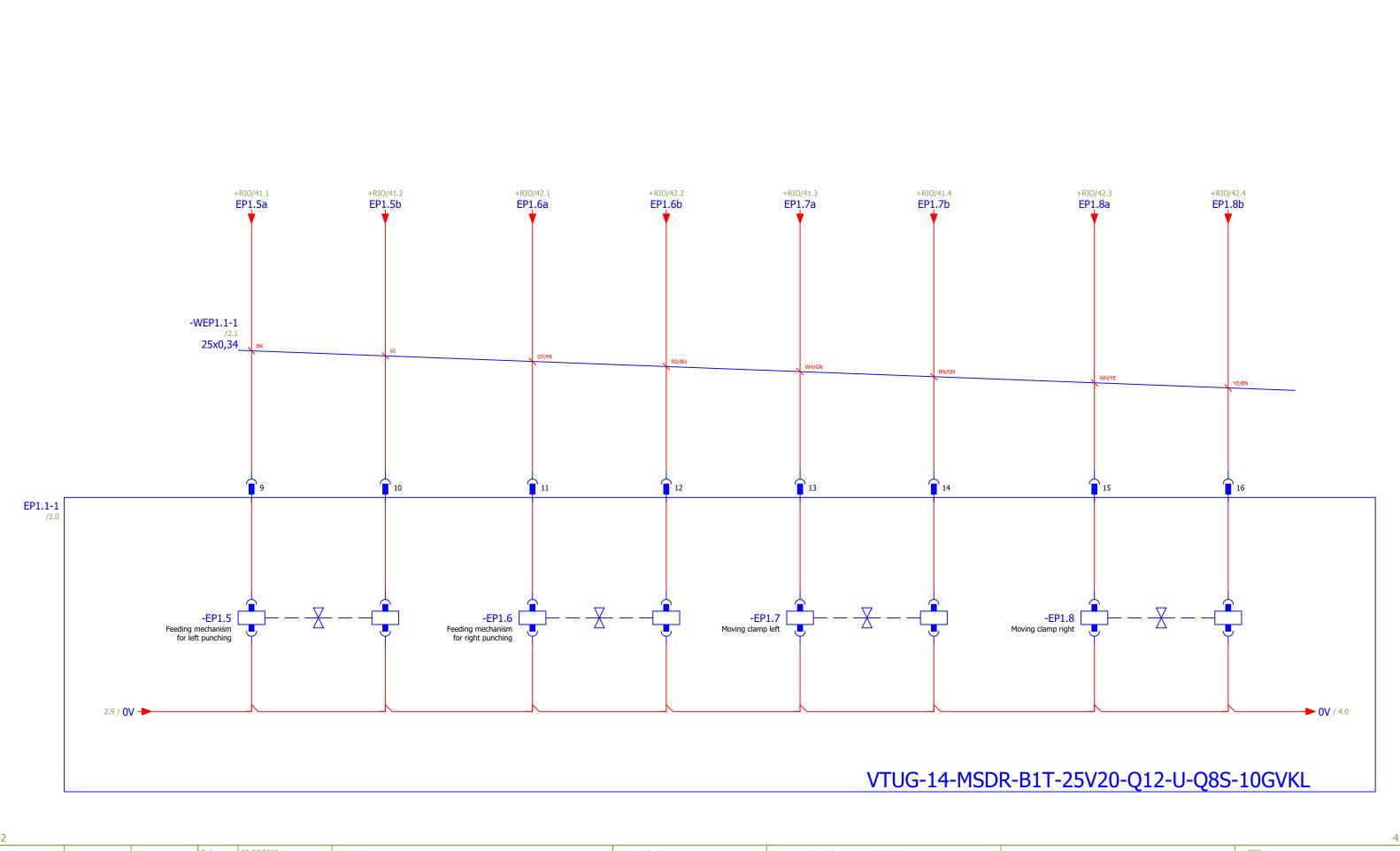
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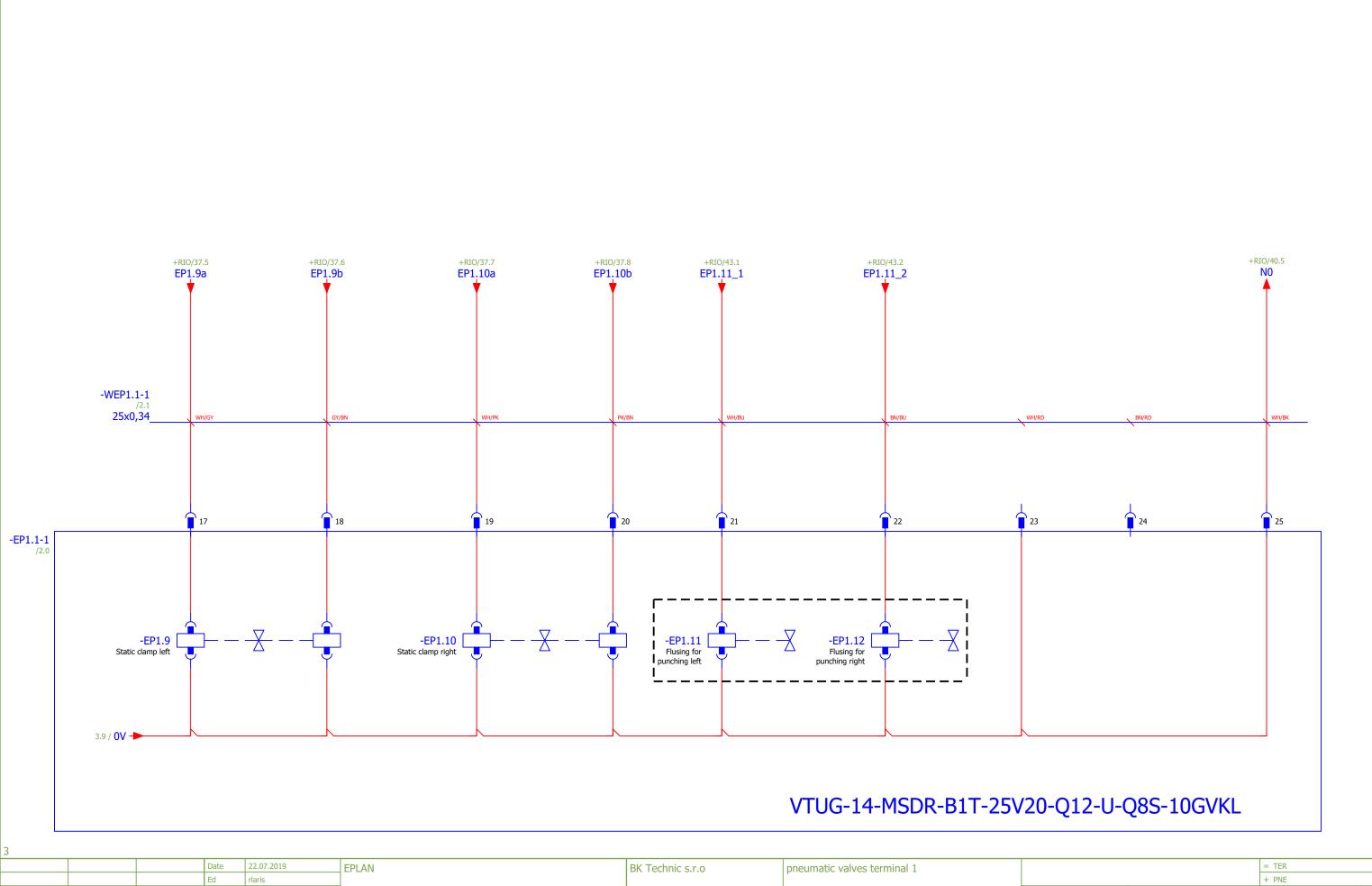
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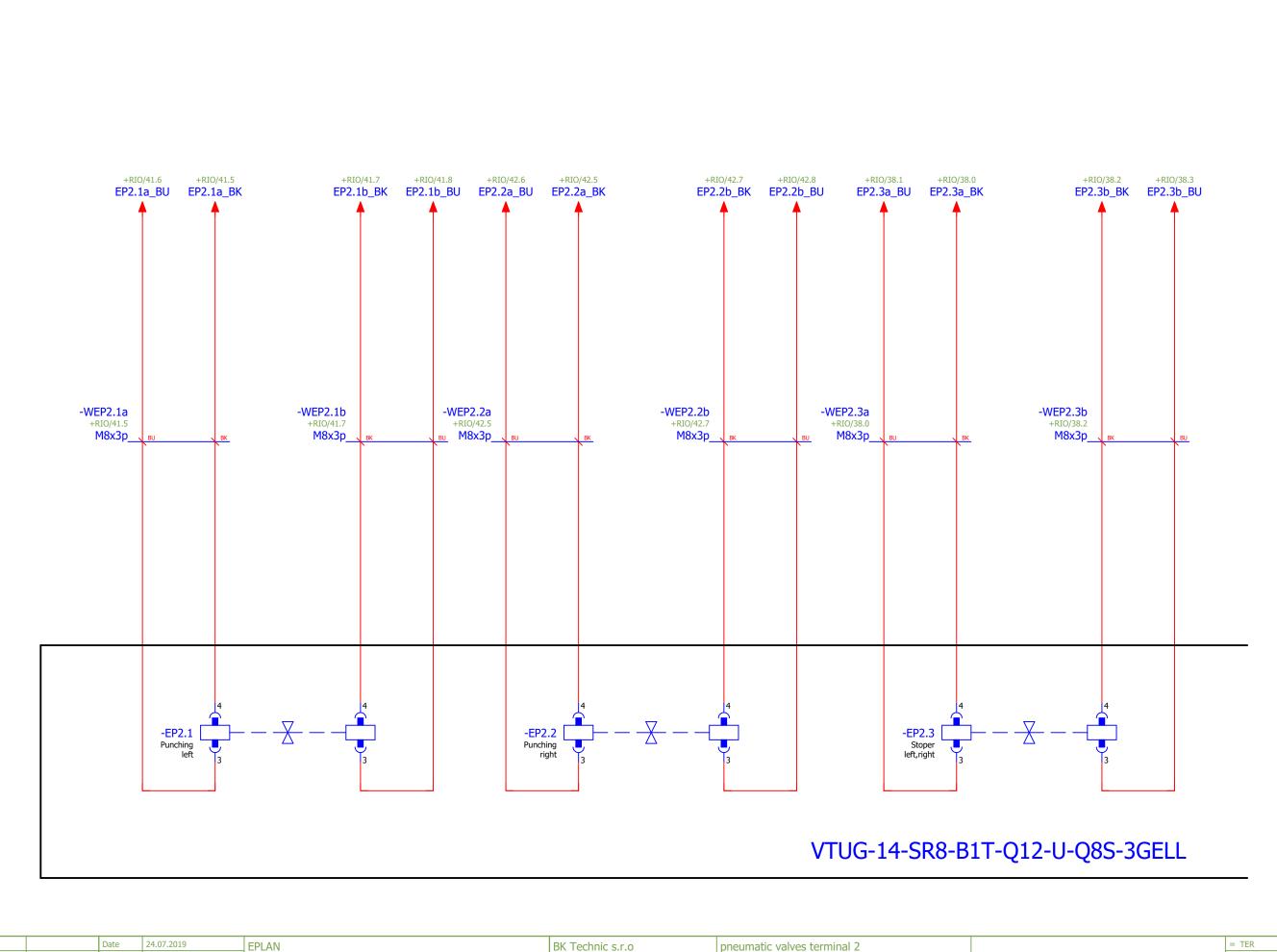
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