

Rittal GmbH & Co. KG

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D-35745 Herborn
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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

MODEL : SK3336.455
KRAE0201TD00V395EG

DRAWING NUMBER : EP25073 -

POWER SUPPLY : 400V 3 50Hz - 460V 3 60Hz

AUXILIARY SUPPLY : 24VDC

CUSTOMER :

REFERENCE :

CONTROL PANEL PART NR : 929164

CREATED THE : 25/08/2025 BY AL1

CHANGED ON THE : BY NUMBER OF PAGES 24



CHANGE TRANSFORMER WIRING ACCORDING POWER SUPPLY VOLTAGE





PAGE OVERVIEW

2LP8_PAGKEL_22

DOCUMENT TYPE	FUNCTION DEFINITION	LOCATION DESIGNATION	PAGE	PAGE DESCRIPTION	DATE REVISION	EDITED BY
&EAA			1	COVER	26/08/2025	AL1
&EAB			1	PAGE OVERVIEW	18/02/2026	IT88001971
&EFS	=PWC	+EC01	1	POWER CIRCUIT	18/02/2026	IT88001971
&EFS	=PWC	+EC01	2	POWER CIRCUIT	26/11/2025	AG1
&EFS	=AUA	+EC01	1	AUXILIARY WIRING	18/02/2026	IT88001971
&EFS	=AUA	+EC01	2	AUXILIARY WIRING	18/02/2026	IT88001971
&EFS	=AUA	+EC01	4	DIGITAL INPUT	26/08/2025	AL1
&EFS	=AIN	+EC01	1	ANALOG INPUT	26/08/2025	AL1
&EFS	=ISN	+EC01	1	IN/OUT SIGNALS	18/11/2025	AL1
&EMZ		+EC01	1	UPC OVERVIEW	25/08/2025	AL1
&EMA			1	TERMINAL STRIP SUMMARY	26/08/2025	AL1
&EMA			2	PLUGS SUMMARY	18/02/2026	IT88001971
&EMA			3	TERMINAL DIAGRAM +EC01-X2	18/02/2026	IT88001971
&EMA			4	TERMINAL DIAGRAM +EC01-X2	18/02/2026	IT88001971
&EMA			5	PLUG DIAGRAM =PWC+ELM-XS1	18/02/2026	IT88001971
&EMA			6	PLUG DIAGRAM =ISN+ELM-XS2	18/02/2026	IT88001971
&EMA			7	PLUG DIAGRAM =ISN+ELM-XS2	18/02/2026	IT88001971
&EMB			1	CABLE OVERVIEW =PWC+EC01-W0-=AUA+EC01-W38	18/02/2026	IT88001971
&EPC			1	BILL OF PLUGS	18/02/2026	IT88001971
&EPC			2	BILL OF MATERIAL	18/11/2025	AL1
&EPC			3	BILL OF MATERIAL	12/09/2025	AL1
&EPC			4	BILL OF MATERIAL	18/02/2026	IT88001971
&EPC			5	BILL OF MATERIAL	18/02/2026	IT88001971
&EPC			6	BILL OF MATERIAL	18/02/2026	IT88001971

&EAA/1

&EFS=PWC+EC01/1

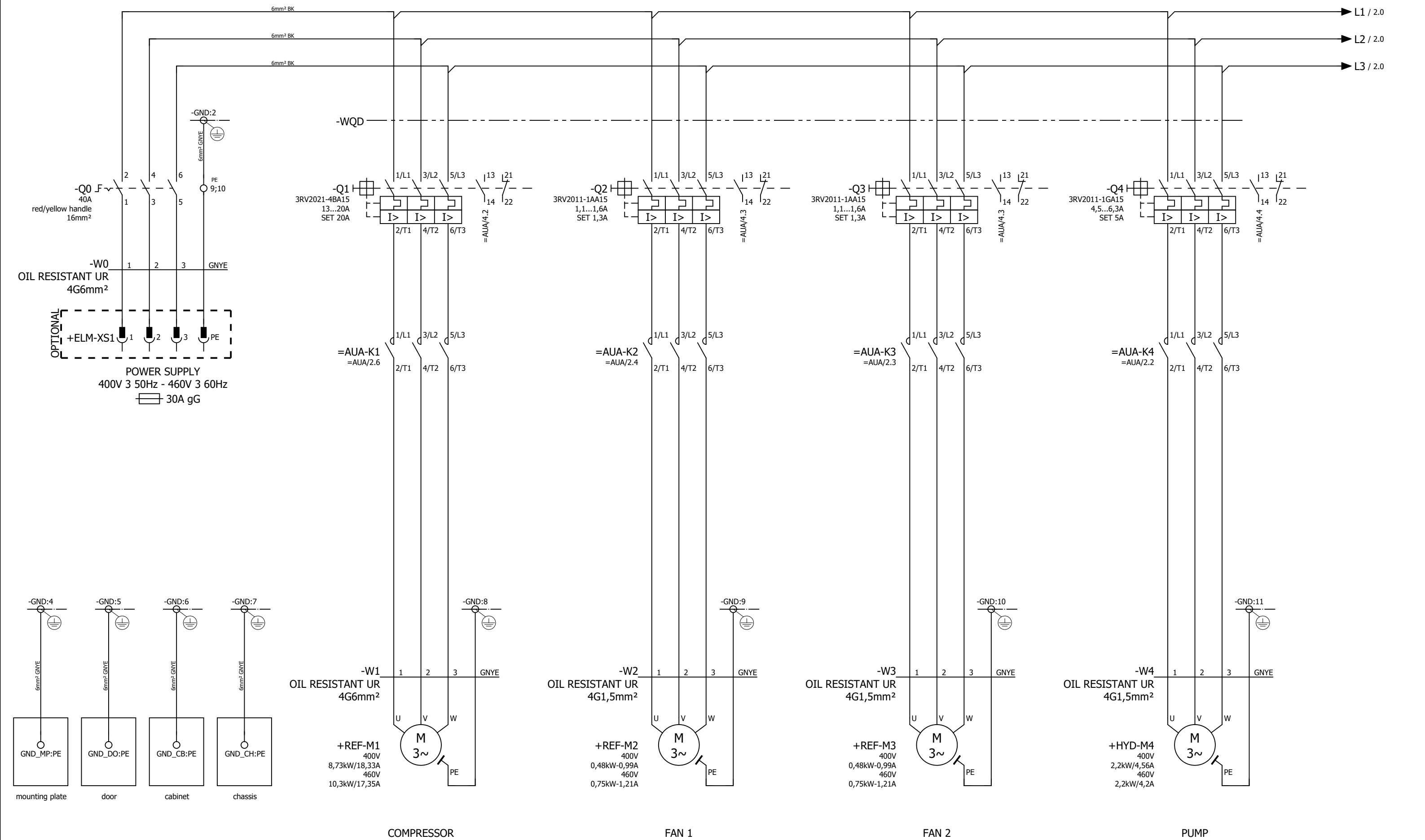
CREATED BY	AL1	ON THE	25/08/2025
REVISOR		ON THE	LAST REVISION



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SK3336.455
KRAE0201TD00V395EG
PAGE OVERVIEW

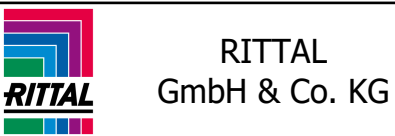
DRAWING NUMBER	EP25073	EPLAN Electric P8	2026.0.3
CONTROL PANEL	929164	3D REVISION	
&EAB	=	+	1
			24



&EAB=+/1

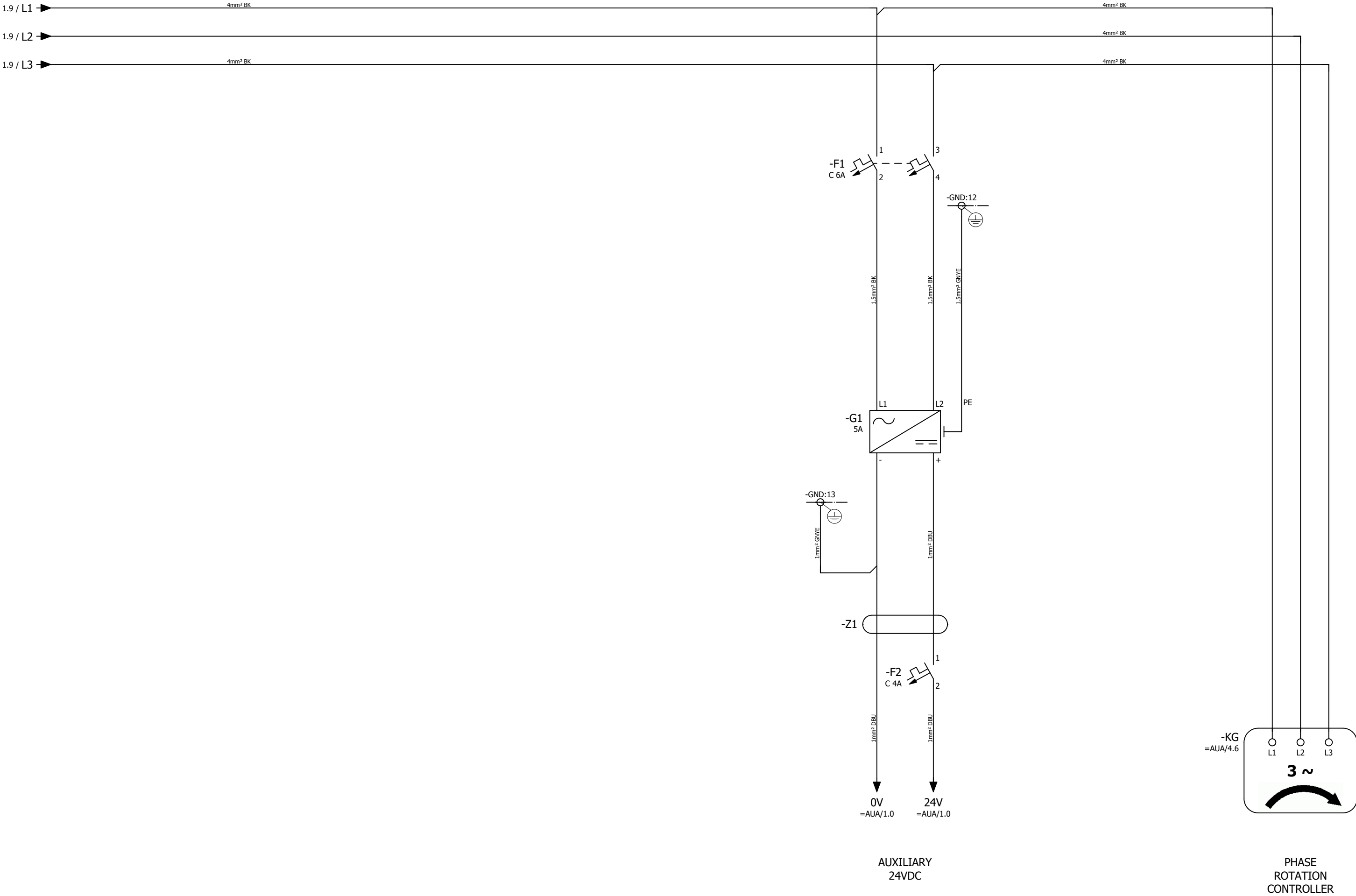
2

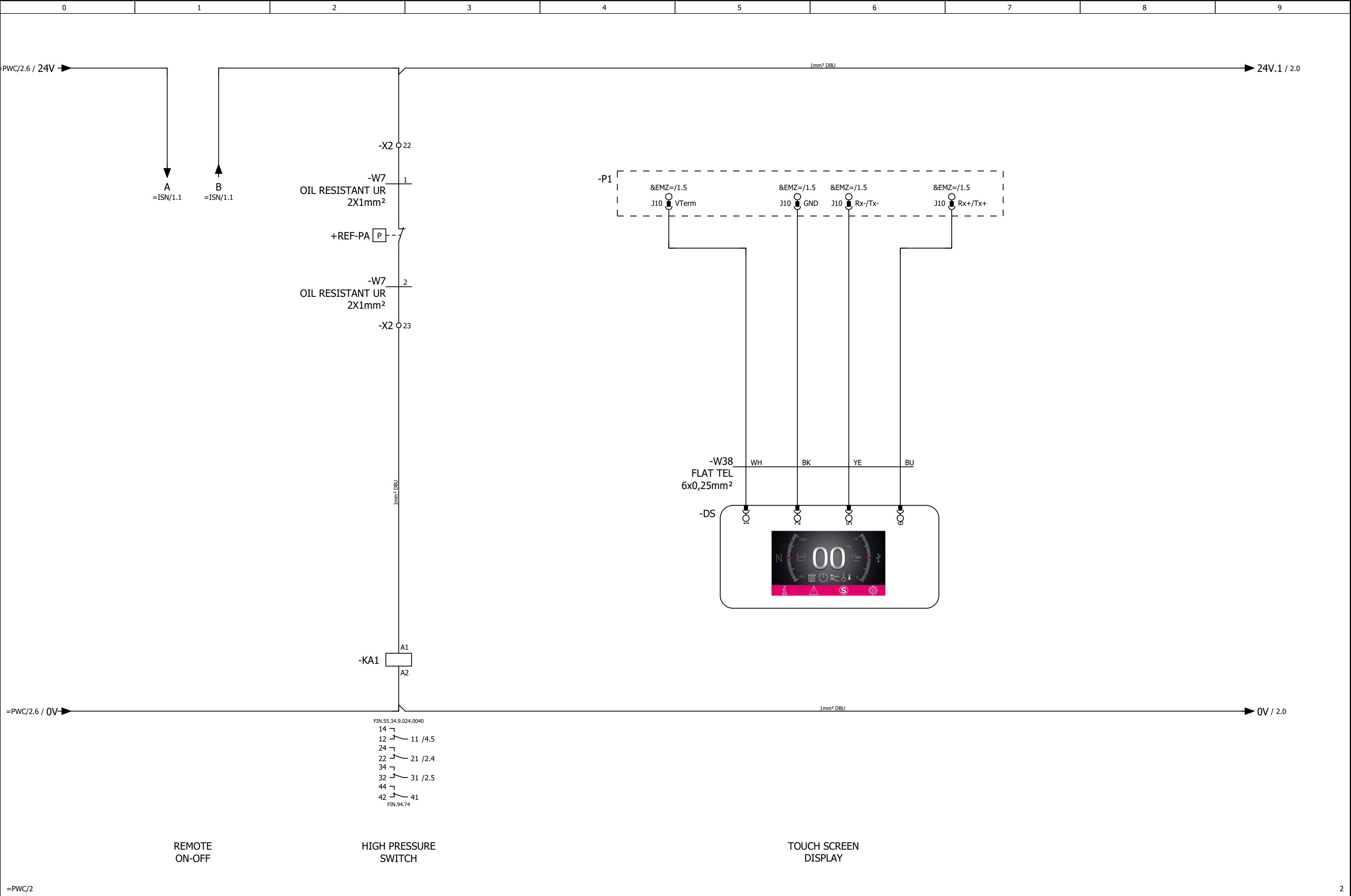
CREATED BY	AL1	ON THE	25/08/2025
REVISOR		ON THE	LAST REVISION

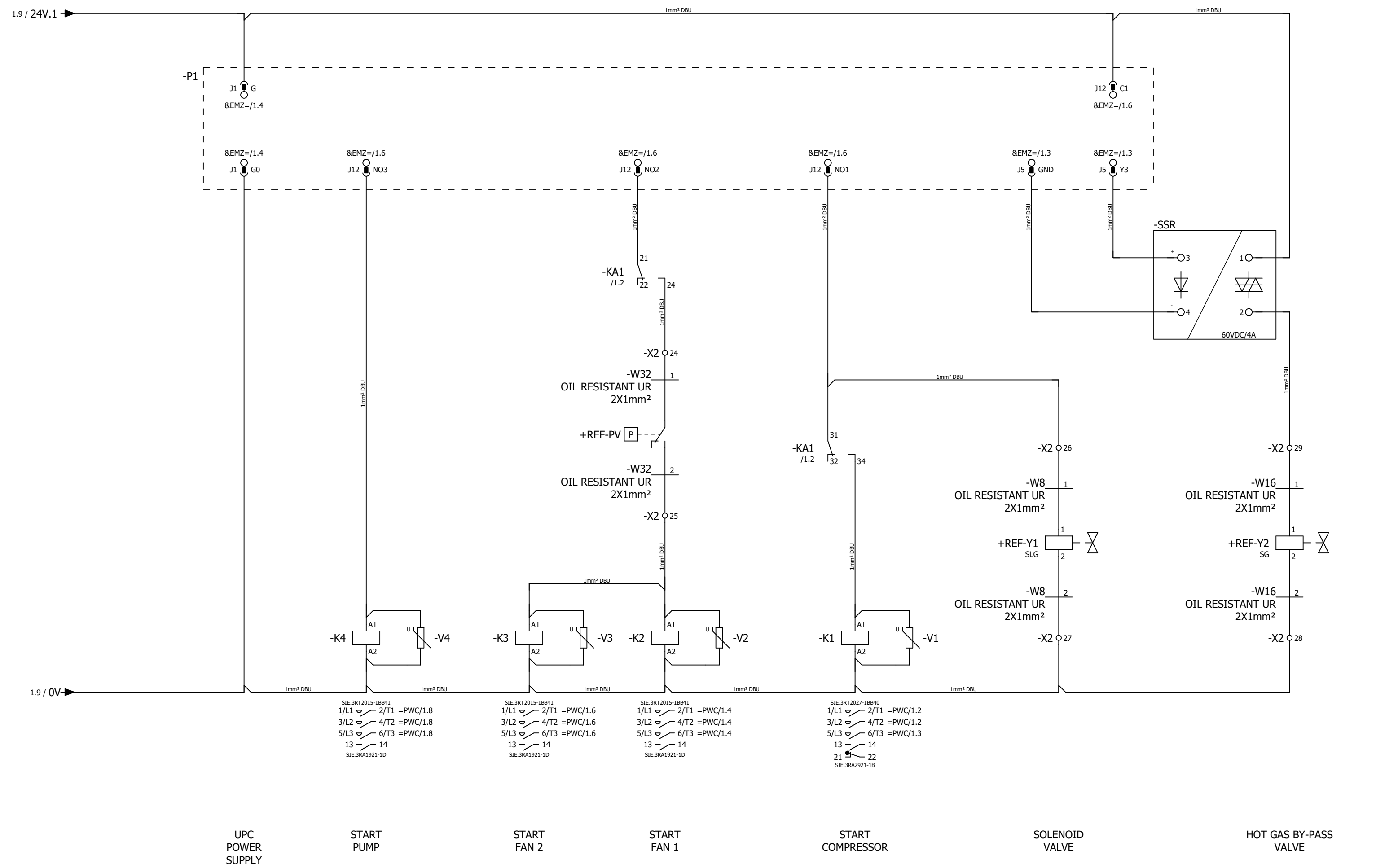


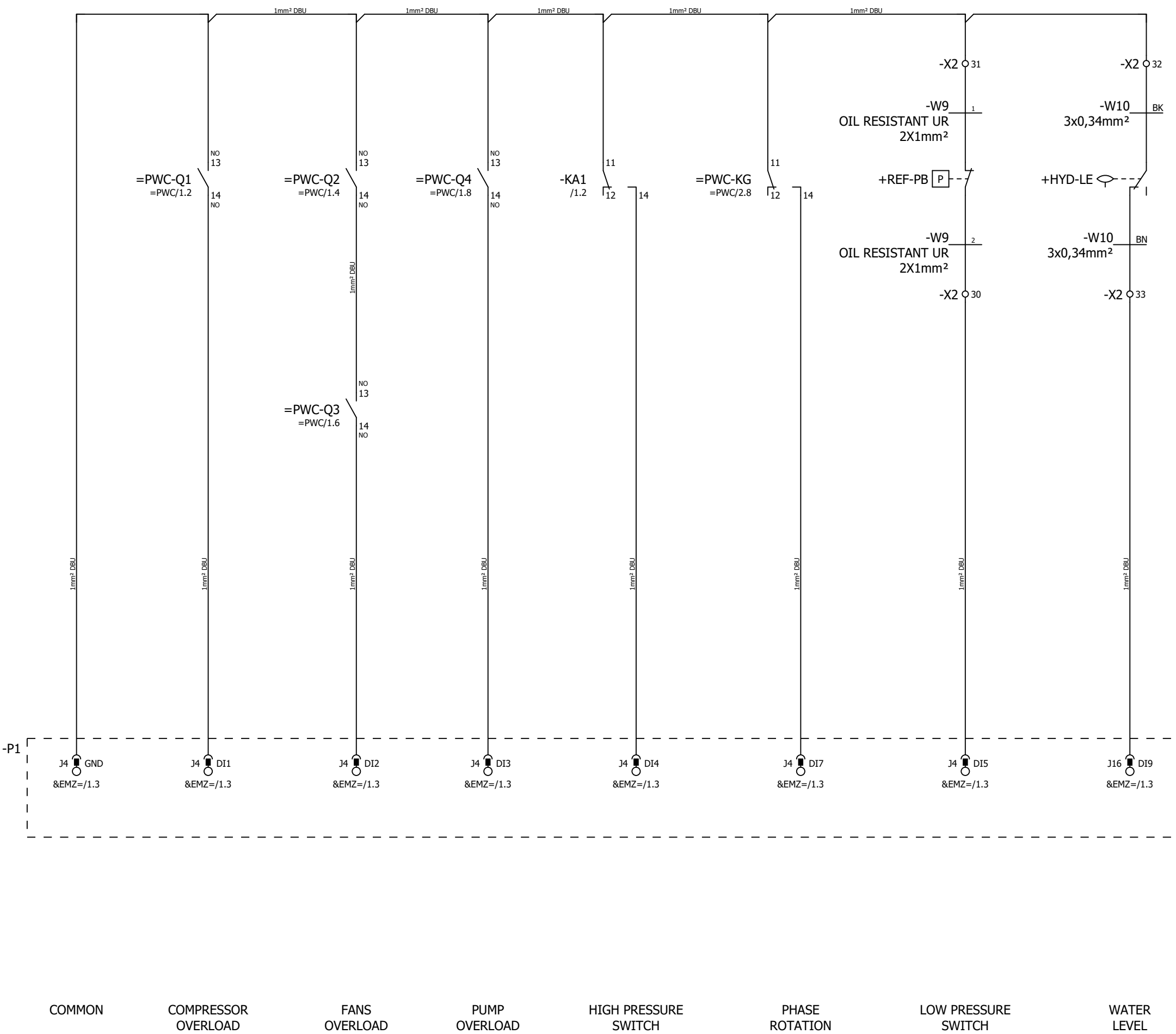
SK3336.455
KRAE0201TD00V395EG
POWER CIRCUIT

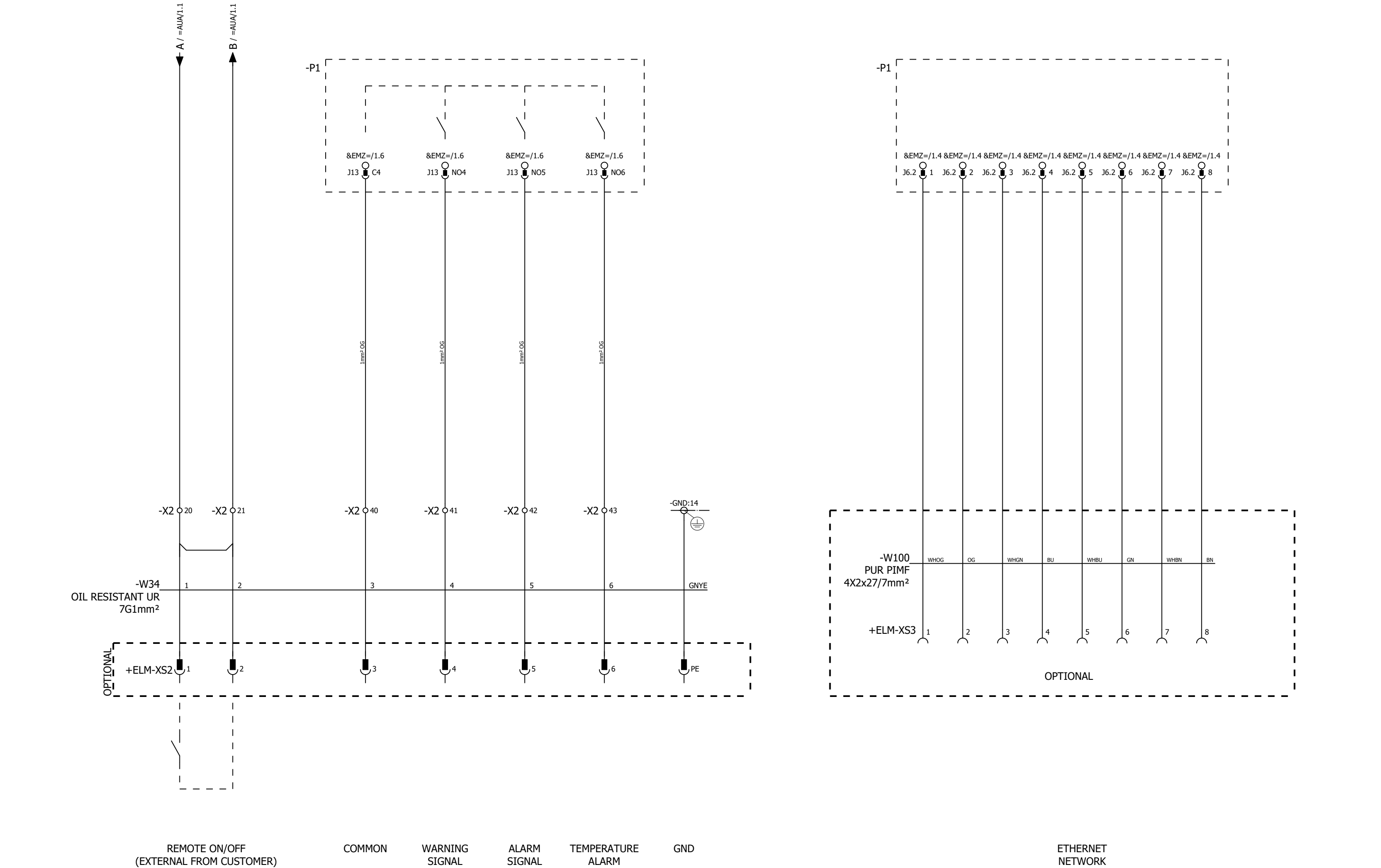
DRAWING NUMBER	EP25073	EPLAN Electric P8	2026.0.3
CONTROL PANEL	929164	3D REVISION	PAGES COUNTER
&EFS	=PWC	+EC01	NUMBER OF PAGES
			1











=AIN/1

&EMZ=/1



TERMINAL STRIP SUMMARY

2LP8_INMORKEL_22

TERMINAL STRIP	FUNCTION TEXT	TERMINALS					TERMINAL BOARD SCHEME PAGE
		FIRST	LAST	SUM OF ALL PE	SUM OF ALL N	TOTAL NUMBER	
+EC01-X2	AUXILIARY SUPPLY TERMINAL BOARD	20	43	0	0	24	&EMA/3



PLUG SUMMARY

2LP8_INCONKEL_22

PLUG DESIGNATION	FUNCTION TEXT	TOTAL NUMBER	SUM OF ALL PE	CURRENT [A]	CONNECTION	IMAGE	GRAPHICS PAGE OF THE PLUG
=PWC+ELM-XS1	POWER SUPPLY PLUG	7	1	35	1,5 ... 6 mm²		&EMA/5
=ISN+ELM-XS2	IN/OUT SIGNALS PLUG	11	1				&EMA/6



TERMINAL DIAGRAM

2LP8_SCHMOKEL_22

1	=ISN-W34	OIL RESISTANT UR 7G1mm² 5,8m										
2	=AUA-W7	OIL RESISTANT UR 2X1mm² 2m										
3	=AUA-W32	OIL RESISTANT UR 2X1mm² 3m										
4	=AUA-W8	OIL RESISTANT UR 2X1mm² 1,3m										
5	=AUA-W16	OIL RESISTANT UR 2X1mm² 3m										
6	=AUA-W9	OIL RESISTANT UR 2X1mm² 2m										
7												
8												
9												
10												
11												
FUNCTION TEXT		1	2	3	4	5	6	7	8	9	10	11
REMOTE ON/OFF		1										
REMOTE ON/OFF		2										
HIGH PRESSURE SWITCH (+)			1									
HIGH PRESSURE SWITCH (-)			2									
FAN SWITCH (+)				1								
FAN SWITCH (-)				2								
GAS VALVE (+)					1							
GAS VALVE (-)					2							
HOT GAS BY-PASS VALVE (-)						2						
HOT GAS BY-PASS VALVE (+)						1						
LOW PRESSURE SWITCH (+)							2					
LOW PRESSURE SWITCH (-)							1					

+EC01-X2							
AUXILIARY SUPPLY TERMINAL BOARD							
EXT DESIGN	CONNECTION	TERMINAL NUMBER	JUMPERS	TERM. CROSS SECTION	LEVEL	INT DESIGN	CONNECTION
		—					
		—					
		—					
=ISN+ELM-XS2	1	20	●	2,5 mm²	0	=PWC-F2	2
			●				
=ISN+ELM-XS2	2	21	●	2,5 mm²	0		
			●				
=AUA+REF-PA		22	●	2,5 mm²	0	-P1	J1:G
=AUA+REF-PA		23	·	2,5 mm²	0	=AUA-KA1	A1
=AUA+REF-PV		24	·	2,5 mm²	0	=AUA-KA1	24
=AUA+REF-PV		25	·	2,5 mm²	0	=AUA-K2	A1
=AUA+REF-Y1	1	26	·	2,5 mm²	0	=AUA-KA1	31
=AUA+REF-Y1	2	27	●	2,5 mm²	0	=AUA-K1	A2
			●				
=AUA+REF-Y2	2	28	●	2,5 mm²	0		
=AUA+REF-Y2	1	29	·	2,5 mm²	0	=AUA-SSR	2
=AUA+REF-PB		30	·	2,5 mm²	0	-P1	J4:DI5
=AUA+REF-PB		31	●	2,5 mm²	0	=PWC-KG	11
			●				

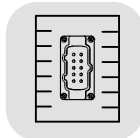
1											
2											
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4											
5											
6											
7											
8											
9											
10											
11											
11	10	9	8	7	6	5	4	3	2	1	PAGE / PATH
											&EFS=ISN/1.1
											&EFS=ISN/1.1
											&EFS=AUA/1.2
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											&EFS=AUA/2.7
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											&EFS=AUA/2.9
											&EFS=AUA/2.9
											&EFS=AUA/4.7
											&EFS=AUA/4.7



TERMINAL DIAGRAM

2LP8_SCHMOKEL_22

1	=AUA-W10										3x0,34mm²										<div>+EC01-X2</div> <div>AUXILIARY SUPPLY TERMINAL BOARD</div>										1															
2	=AIN-W12										TPE 2x0.34mm²																				2															
3	=AIN-W13										TPE 2x0.34mm²																				3															
4	=AIN-W14										TPE 2x0.34mm²																				4															
5	=ISN-W34										OIL RESISTANT UR 7G1mm² 5,8m																				5															
6																															6															
7																					7																									
8																					8																									
9																					9																									
10																					10																									
11																					11																									
FUNCTION TEXT										1	2	3	4	5	6	7	8	9	10	11	11	10	9	8	7	6	5	4	3	2	1	PAGE / PATH														
WATER LEVEL (-)										BK																							&EFS=AUA/4.8													
WATER LEVEL (+)										BN																								&EFS=AUA/4.8												
OUTLET PROBE (+)											WH																								&EFS=AIN/1.4											
AMBIENT PROBE (+)												WH																							&EFS=AIN/1.5											
ANTIFREEZE PROBE (+)													WH																							&EFS=AIN/1.7										
OUTLET PROBE (-)											BK																										&EFS=AIN/1.4									
AMBIENT PROBE (-)												BK																								&EFS=AIN/1.5										
ANTIFREEZE PROBE (-)													BK																								&EFS=AIN/1.7									
COMMON														3																						&EFS=ISN/1.2										
WARNING SIGNAL														4																						&EFS=ISN/1.3										
ALARM SIGNAL														5																						&EFS=ISN/1.3										
TEMPERATURE ALARM SIGNAL														6																						&EFS=ISN/1.4										

BASE SIDE									CABLE NAME	<div><div></div><div>PLUG DIAGRAM =PWC+ELM-XS1 POWER SUPPLY PLUG</div></div>						CABLE NAME	+EC01-W0				HOOD SIDE
									CABLE TYPE	TARGET	CONNECTION	PIN PLUG	TARGET	CONNECTION	CABLE TYPE	OIL RESISTANT UR					
	FUNCTION TEXT									TARGET								PAGE / PATH			
POWER SUPPLY (L1)										+EC01-Q0		<div>1</div>				1				&EFS+EC01/1.0	
POWER SUPPLY (L2)										+EC01-Q0		<div>2</div>				2				&EFS+EC01/1.1	
POWER SUPPLY (L3)										+EC01-Q0		<div>3</div>				3				&EFS+EC01/1.1	
												<div>4</div>									
												<div>5</div>									
												<div>6</div>									
POWER SUPPLY (PE)										+EC01-Q0		<div>PE<div>⏏</div></div>				GNYE				&EFS+EC01/1.1	

BASE SIDE											PLUG DIAGRAM =ISN+ELM-XS2 IN/OUT SIGNALS PLUG										HOOD SIDE
	CABLE NAME										CABLE NAME					CABLE NAME					
	CABLE TYPE										CABLE TYPE					CABLE TYPE					
FUNCTION TEXT										TARGET	CONNECTION	PIN PLUG	TARGET	CONNECTION	CABLE TYPE	OIL RESISTANT UR				PAGE / PATH	
REMOTE ON/OFF										+EC01-X2	20	1				1				&EFS+EC01/1.1	
REMOTE ON/OFF										+EC01-X2	21	2				2				&EFS+EC01/1.1	
COMMON										+EC01-X2	40	3				3				&EFS+EC01/1.2	
WARNING SIGNAL										+EC01-X2	41	4				4				&EFS+EC01/1.3	
ALARM SIGNAL										+EC01-X2	42	5				5				&EFS+EC01/1.3	
TEMPERATURE ALARM										+EC01-X2	43	6				6				&EFS+EC01/1.4	
												7									
												8									
												9									
												10									



CABLE OVERVIEW

2LP8_CAVIKEL_22

CABLE NAME	FROM	TO	CABLE TYPE	CORES	CORES USED	CROSS SECTION	LENGHT(OUT CABINET)	LENGHT(TOTAL)	INTERNAL PART NUMBER	PAGE / PATH
=PWC+EC01-W0	=PWC+ELM-XS1	=PWC+EC01-Q0	OIL RESISTANT UR	4G	4	6mm²		6,7m	926262	&EFS=PWC+EC01/1.0
=PWC+EC01-W1	=PWC+REF-M1	=AUA+EC01-K1	OIL RESISTANT UR	4G	4	6mm²		2m	926262	&EFS=PWC+EC01/1.2
		+EC01-GND								
=PWC+EC01-W2	=PWC+REF-M2	=AUA+EC01-K2	OIL RESISTANT UR	4G	4	1,5mm²		2,7m	926163	&EFS=PWC+EC01/1.4
		+EC01-GND								
=PWC+EC01-W3	=PWC+REF-M3	=AUA+EC01-K3	OIL RESISTANT UR	4G	4	1,5mm²		3,4m	926163	&EFS=PWC+EC01/1.6
		+EC01-GND								
=PWC+EC01-W4	=PWC+HYD-M4	=AUA+EC01-K4	OIL RESISTANT UR	4G	4	1,5mm²		2m	926163	&EFS=PWC+EC01/1.8
		+EC01-GND								
=AUA+EC01-W7	+EC01-X2	=AUA+REF-PA	OIL RESISTANT UR	2X	2	1mm²		2m	926161	&EFS=AUA+EC01/1.2
=AUA+EC01-W8	+EC01-X2	=AUA+REF-Y1	OIL RESISTANT UR	2X	2	1mm²		1,3m	926161	&EFS=AUA+EC01/2.7
=AUA+EC01-W9	+EC01-X2	=AUA+REF-PB	OIL RESISTANT UR	2X	2	1mm²		2m	926161	&EFS=AUA+EC01/4.7
=AUA+EC01-W10	+EC01-X2	=AUA+HYD-LE		3	2	0,34mm²				&EFS=AUA+EC01/4.8
=AIN+EC01-W12	+EC01-X2	=AIN+ELM-B1	TPE	2	2	0.34mm²				&EFS=AIN+EC01/1.4
=AIN+EC01-W13	+EC01-X2	=AIN+ELM-B2	TPE	2	2	0.34mm²				&EFS=AIN+EC01/1.5
=AIN+EC01-W14	+EC01-X2	=AIN+ELM-B3	TPE	2	2	0.34mm²				&EFS=AIN+EC01/1.6
=AUA+EC01-W16	+EC01-X2	=AUA+REF-Y2	OIL RESISTANT UR	2X	2	1mm²		3m	926161	&EFS=AUA+EC01/2.9
=AUA+EC01-W32	+EC01-X2	=AUA+REF-PV	OIL RESISTANT UR	2X	2	1mm²		3m	926161	&EFS=AUA+EC01/2.4
=ISN+EC01-W34	+EC01-X2	=ISN+ELM-XS2	OIL RESISTANT UR	7G	7	1mm²		5,8m	926164	&EFS=ISN+EC01/1.1
	+EC01-GND									
=AUA+EC01-W38	+EC01-P1	=AUA+EC01-DS	FLAT TEL	6	4	0,25mm²		2,275m	929160	&EFS=AUA+EC01/1.5

&EMA/7

&EPC/1

CREATED BY	AL1	ON THE	25/08/2025
REVISOR		ON THE	LAST REVISION



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SK3336.455
KRAE0201TD00V395EG
CABLE OVERVIEW =PWC+EC01-W0-=AUA+EC01-W38

DRAWING NUMBER	EP25073	EPLAN Electric P8	2026.0.3
CONTROL PANEL	929164	3D REVISION	PAGES COUNTER 18
&EMB	=	+	NUMBER OF PAGES 24
			1



BILL OF PLUGS

2LP8_RICKEL_CONN_22

DESIGNATION	AMOUNT	ARTICLE NUMBER	DESIGNATION	NUMBER OF WAYS	MANUFACTURER	INTERNAL NO	PICTURE
=PWC+ELM-XS1							
POWER SUPPLY PLUG	1 ST	09310062601	Inserts	6	HARTING Technology Group	921716	
=PWC+ELM-XS1							
POWER SUPPLY PLUG	1 ST	09310062701	Inserts		HARTING Technology Group	921661	
=PWC+ELM-XS1							
POWER SUPPLY PLUG	1 ST	19300161271	Hoods/Housings		HARTING Technology Group	907614	
=PWC+ELM-XS1							
POWER SUPPLY PLUG	1 ST	19300161521	Hoods/Housings		HARTING Technology Group	908281	
=ISN+ELM-XS2							
IN/OUT SIGNALS PLUG	1 ST	09330102601	Inserts		HARTING Technology Group	903740	
=ISN+ELM-XS2							
IN/OUT SIGNALS PLUG	1 ST	09330102701	Inserts		HARTING Technology Group	906632	
=ISN+ELM-XS2							
IN/OUT SIGNALS PLUG	1 ST	19300101270	Hoods/Housings		HARTING Technology Group	900106	
=ISN+ELM-XS2							
IN/OUT SIGNALS PLUG	1 ST	19300101520	Hoods/Housings		HARTING Technology Group	918071	



BILL OF MATERIALS

2LP8_RICKEL_22

DESIGNATION	AMOUNT	LENGTH	ARTICLE NUMBER	DESIGNATION 1	MANUFACTURER	INTERNAL NO	PAGE / PATH
	5	3,348 m	4520004K	H07V-K EMBOSS 1X6 GNYE	LAPP KABEL	928344	&EFS=PWC+EC01/1.0;&EFS=PWC+EC01/1.1
	3	1,413 m	4520014K	H07V-K EMBOSS 1X6 BK	LAPP KABEL	928345	&EFS=PWC+EC01/1.1
	5	2,407 m	4520013K	H07V-K EMBOSS 1X4 BK	LAPP KABEL	928340	&EFS=PWC+EC01/2.1;&EFS=PWC+EC01/2.7
	2	1,324 m	4520011K	H07V-K EMBOSS 1X1,5 BK	LAPP KABEL	928323	&EFS=PWC+EC01/2.6
	1	1,808 m	4510003K	H05V-K EMBOSS 1X1 GNYE	LAPP KABEL	928313	&EFS=PWC+EC01/2.5
	39	21,297 m	4510143K	H05V-K EMBOSS 1X1 DBU	LAPP KABEL	928316	&EFS=AUA+EC01/1.2;&EFS=AUA+EC01/1.6;&EFS=AUA+EC01/2.2...&EFS=AUA+EC01/2.9;&EFS=AUA+EC01/4.2...&EFS=AUA+EC01/4.8;&EFS=PWC+EC01/2.6
	1	1,733 m	4520001K	H07V-K EMBOSS 1X1,5 GNYE	LAPP KABEL	928322	&EFS=PWC+EC01/2.6
	4	2,891 m	4510053K	H05V-K EMBOSS 1X1 WH	LAPP KABEL	928320	&EFS=AIN+EC01/1.3...&EFS=AIN+EC01/1.5;&EFS=AIN+EC01/1.7
	4	2,241 m	4510093K	H05V-K EMBOSS 1X1 OG	LAPP KABEL	928318	&EFS=ISN+EC01/1.2...&EFS=ISN+EC01/1.4
0001	1		249-116	Screwless end stop	WAGO	904502	(AMB1.S1)
+ELM-B1	1		NTC030WP00	PROBE NTC, IP68, WIRE 3m, -50/+105°C	CAREL	903060	&EFS=AIN+EC01/1.4
+ELM-B2	1		NTC030WP00	PROBE NTC, IP68, WIRE 3m, -50/+105°C	CAREL	903060	&EFS=AIN+EC01/1.5
+ELM-B3	1		NTC030WP00	PROBE NTC, IP68, WIRE 3m, -50/+105°C	CAREL	903060	&EFS=AIN+EC01/1.7
-DS	1		927206	GR DISPLAY TOUCH BLU-E CHILLER	CAREL	927206	&EFS=AUA+EC01/1.5
-F1	1		5SY6206-7	CIRCUIT BREAKER 6KA 2POL C6	Siemens	906521	&EFS=PWC+EC01/2.6
-F2	1		5SY6104-7	CIRCUIT BREAKER 6KA 1POL C4	Siemens	903661	&EFS=PWC+EC01/2.6
-G1	1		XCSW 121C	SWITCHING POWER SUPPLIER 5A 24VDC	CABUR	909090	&EFS=PWC+EC01/2.6
GND	25			SCREW TC M5x10 ZN-ST 4.8	---	915741	(AMB1.S1)
-K1	1		3RT2027-1BB40	CONTACTOR,AC3:15KW 1NO+1NC DC24V	Siemens	920120	&EFS=AUA+EC01/2.6
-K1	1		3RA2921-1B	LINK MODULE 3RV2.1-3RT2.1,3RV2.2-3RT2.2	Siemens	920188	&EFS=AUA+EC01/2.6
-K2	1		3RT2015-1BB41	CONTACTOR,AC3:3KW 1NO DC24V	Siemens	920114	&EFS=AUA+EC01/2.4
-K2	1		3RA1921-1D	LINK MODULE F.3RV S00/S0, 3RT S00	Siemens	920186	&EFS=AUA+EC01/2.4
-K3	1		3RT2015-1BB41	CONTACTOR,AC3:3KW 1NO DC24V	Siemens	920114	&EFS=AUA+EC01/2.3
-K3	1		3RA1921-1D	LINK MODULE F.3RV S00/S0, 3RT S00	Siemens	920186	&EFS=AUA+EC01/2.3
-K4	1		3RT2015-1BB41	CONTACTOR,AC3:3KW 1NO DC24V	Siemens	920114	&EFS=AUA+EC01/2.2
-K4	1		3RA1921-1D	LINK MODULE F.3RV S00/S0, 3RT S00	Siemens	920186	&EFS=AUA+EC01/2.2
-KA1	1		55.34.9.024.0040	MINIATURE GENERAL PURPOSE RELAY, 4 POLE, 7 A - DC - 24 V	Finder	904572	&EFS=AUA+EC01/1.2
-KA1	1		94.74	SOCKET FOR 55.34 RELAY	Finder	903669	&EFS=AUA+EC01/1.2



BILL OF MATERIALS

2LP8_RICKEL_22

DESIGNATION	AMOUNT	LENGTH	ARTICLE NUMBER	DESIGNATION 1	MANUFACTURER	INTERNAL NO	PAGE / PATH
-KG	1		3UG5511-1AR20	PHASE CONTROL RELAY	Siemens	917383	&EFS=PWC+EC01/2.8
-P1	1		UP3B02200TBM0	TERMOREG PROGRAM CAREL UP3B02200TBM0	CAREL	928216	&EMZ+EC01/1.0
-P1	1		UP3CON0M00	TERMOREG ACCESS CAREL UP3CON0M00	CAREL	928217	&EMZ+EC01/1.0
-Q0	1		22003004	MANUALLY OPERATED AND MODULAR MULTIPOLAR LOAD BREAK SWITCHES	SOCOMEK	921975	&EFS=PWC+EC01/1.0
-Q0	1		1474 1111	RED KNOB TYPE S00	SOCOMEK	921673	&EFS=PWC+EC01/1.0
-Q0	1		1407 0532	OPERATING SHAFT 320mm	SOCOMEK	911759	&EFS=PWC+EC01/1.0
-Q0	1		2294 3005	3 POLE TERMINALS COVER 16...40	SOCOMEK	921726	&EFS=PWC+EC01/1.0
-Q0	1		2200 9005	GROUND POLE 16...40	SOCOMEK	925147	&EFS=PWC+EC01/1.0
-Q1	1		3RV2021-4BA15	CIRCUIT-BREAKER SCREW CONNECTION 20A	Siemens	920000	&EFS=PWC+EC01/1.2
-Q2	1		3RV2011-1AA15	CIRCUIT-BREAKER SCREW CONNECTION 1.6A	Siemens	920233	&EFS=PWC+EC01/1.4
-Q3	1		3RV2011-1AA15	CIRCUIT-BREAKER SCREW CONNECTION 1.6A	Siemens	920233	&EFS=PWC+EC01/1.6
-Q4	1		3RV2011-1GA15	CIRCUIT-BREAKER SCREW CONNECTION 6.3A	Siemens	920016	&EFS=PWC+EC01/1.8
-SSR	1		RP1D060D4M1	SOLID STATE RELAY 3A OUT: CC	CARLO GAVAZZI	907589	&EFS=AUA+EC01/2.8
U1	1		1057000	Compact enclosure AX 500x700x250	Rittal	1057000	(AMB1.S1)
U2	1	0,450 m	25x80 / 4x6	WIRING DUCT 25x80 PLASTIC 4X6	---	909218	(AMB1.S1)
U3	1	0,450 m	40x80 / 4x6	WIRING DUCT 40x80 PLASTIC 4X6	---	909700	(AMB1.S1)
U4	1	0,393 m	40x80 / 4x6	WIRING DUCT 40x80 PLASTIC 4X6	---	909700	(AMB1.S1)
U5	1	0,230 m	25x80 / 4x6	WIRING DUCT 25x80 PLASTIC 4X6	---	909218	(AMB1.S1)
U6	1	0,230 m	35x7,5	DIN RAIL OMEGA 35x7,5	---	905499	(AMB1.S1)
U7	1	0,230 m	35x7,5	DIN RAIL OMEGA 35x7,5	---	905499	(AMB1.S1)
U8	1			STAND OFFS H Mx F L20 M6 ZN-ST	---	904235	(AMB1.S1)
U9	1			STAND OFFS H Mx F L20 M6 ZN-ST	---	904235	(AMB1.S1)
U10	1	0,315 m	35x7,5	DIN RAIL OMEGA 35x7,5	---	905499	(AMB1.S1)
U11	1			STAND OFFS H Mx F L20 M6 ZN-ST	---	904235	(AMB1.S1)
U12	1			STAND OFFS H Mx F L20 M6 ZN-ST	---	904235	(AMB1.S1)
U13	1	0,320 m	35x7,5	DIN RAIL OMEGA 35x7,5	---	905499	(AMB1.S1)
U119	1			STAND OFFS H Fx F 19x25x5 PE	---	909454	(AMB1.S1)
U120	1			STAND OFFS H Fx F 19x25x5 PE	---	909454	(AMB1.S1)



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DESIGNATION	AMOUNT	LENGTH	ARTICLE NUMBER	DESIGNATION 1	MANUFACTURER	INTERNAL NO	PAGE / PATH
U199	1		2563300	Plastic gland plate	Rittal	2563300	(AMB1.S1)
U262	1			STAND OFFS H MxF L20 M6 ZN-ST	---	904235	(AMB1.S1)
U263	1			STAND OFFS H MxF L20 M6 ZN-ST	---	904235	(AMB1.S1)
U264	1	0,450 m	35x7,5	DIN RAIL OMEGA 35x7,5	---	905499	(AMB1.S1)
-V1	1		3RT29261BB00	SURGE SUPPRESSOR, VARISTOR,	Siemens	919431	&EFS=AUA+EC01/2.6
-V2	1		3RT29161BB00	SURGE SUPPRESSOR, VARISTOR,	Siemens	919432	&EFS=AUA+EC01/2.5
-V3	1		3RT29161BB00	SURGE SUPPRESSOR, VARISTOR,	Siemens	919432	&EFS=AUA+EC01/2.4
-V4	1		3RT29161BB00	SURGE SUPPRESSOR, VARISTOR,	Siemens	919432	&EFS=AUA+EC01/2.3
-W0	1	6,700 m	1119504	4G6mm² OIL RESISTANT UR	---	926262	&EFS=PWC+EC01/1.0
-W1	1	2,000 m		4G6mm² OIL RESISTANT UR	---	926262	&EFS=PWC+EC01/1.2
-W2	1	2,700 m		4G1,5mm² OIL RESISTANT UR	---	926163	&EFS=PWC+EC01/1.4
-W3	1	3,400 m		4G1,5mm² OIL RESISTANT UR	---	926163	&EFS=PWC+EC01/1.6
-W4	1	2,000 m		4G1,5mm² OIL RESISTANT UR	---	926163	&EFS=PWC+EC01/1.8
-W7	1	2,000 m		2X1mm² OIL RESISTANT UR	---	926161	&EFS=AUA+EC01/1.2
-W8	1	1,300 m		2X1mm² OIL RESISTANT UR	---	926161	&EFS=AUA+EC01/2.7
-W9	1	2,000 m		2X1mm² OIL RESISTANT UR	---	926161	&EFS=AUA+EC01/4.7
-W16	1	3,000 m		2X1mm² OIL RESISTANT UR	---	926161	&EFS=AUA+EC01/2.9
-W32	1	3,000 m		2X1mm² OIL RESISTANT UR	---	926161	&EFS=AUA+EC01/2.4
-W34	1	5,800 m	1119207	7G1mm² OIL RESISTANT UR	---	926164	&EFS=ISN+EC01/1.1
-W38	1	2,275 m	929160	CABLE WIRED KRAE-TTC3 DISPLAY TOUCH	---	929160	&EFS=AUA+EC01/1.5
+EC01-W401	1	0,456 m		CU BAR 12X3	---	909453	(AMB1.S1)
-WQD	1		3RV1915-1CB	3-PHASE BUSBARS	Siemens	909358	&EFS=PWC+EC01/1.2
+EC01-X2	6		280-402	Cross-connector for terminal block	WAGO	909228	(AMB1.S1)
-X2	24		280-901	2-conductor through terminal block	WAGO	903680	&EFS=AIN+EC01/1.4;&EFS=AIN+EC01/1.5;&EFS=AIN+EC01/1.7;&EFS=AUA+EC01/1.2;&EFS=AUA+EC01/2.4;&EFS=AUA+EC01/2.7;&EFS=AUA+EC01/2.9;&EFS=AUA+EC01/4.7;&EFS=AUA+EC01/4.8;&EFS=ISN+EC01/1.1...&EFS=ISN+EC01/1.4
-X2	2		249-116	Screwless end stop	WAGO	904502	&EFS=ISN+EC01/1.1;&EFS=ISN+EC01/1.4
-X2	1		280-309	End and intermediate plate	WAGO	904525	&EFS=ISN+EC01/1.1
+EC01-Z1	1		0475178281	FERRITE CABLE 21X21X39.4		927281	(AMB1.S1)
-Z1	1		0475178281	FERRITE CABLE 21X21X39.4		927281	&EFS=PWC+EC01/2.6



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DESIGNATION	AMOUNT	LENGTH	ARTICLE NUMBER	DESIGNATION 1	MANUFACTURER	INTERNAL NO	PAGE / PATH
Z_MIN_EL	4			SCREW TCB M6x12 ZN-ST	---	903408	&EFS=PWC+EC01/1.8
Z_MIN_EL	4			SCREW TCB M6x16 ZN-ST 8.8	---	903409	&EFS=PWC+EC01/1.8
Z_MIN_EL	20			SCREW TC FLAN 4.2X13	---	922277	&EFS=PWC+EC01/1.8
Z_MIN_EL	1			SCREW TE M6x16 PG ZN-ST 8.8	---	216955	&EFS=PWC+EC01/1.8
Z_MIN_EL	26			SCREW TC M5x10 ZN-ST 4.8	---	915741	&EFS=PWC+EC01/1.8
Z_MIN_EL	28			WASHER P 5,3-10 ZN-ST	---	903585	&EFS=PWC+EC01/1.8
Z_MIN_EL	1			WASHER P 6,4-12 ZN-ST	---	200004	&EFS=PWC+EC01/1.8
Z_MIN_EL	1			WASHER TOOTH 4,3-8 ZN-ST	---	200144	&EFS=PWC+EC01/1.8
Z_MIN_EL	27			WASHER TOOTH 5,3-10 ZN-ST	---	200206	&EFS=PWC+EC01/1.8
Z_MIN_EL	9			WASHER TOOTH 6,4x11 ZN-ST	---	200294	&EFS=PWC+EC01/1.8
Z_MIN_EL	4			GASKET NYLON PA6.6 D12.5-6.4	---	201320	&EFS=PWC+EC01/1.8
Z_MIN_EL	1			NUT E M5x4 6S ZN-ST	---	200202	&EFS=PWC+EC01/1.8
Z_MIN_EL	4			NUT E M6x5 PG 6S ZN-ST	---	200295	&EFS=PWC+EC01/1.8
Z_MIN_EL	2			SCREW STEI M5x10 PG ZN-ST	---	915261	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		SIT0A07	LABEL-SUP GENERIC 52X17	3M	907060	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		SIT0V02	LABEL-SUP GLAS 52X17	3M	907062	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		SI2K1550W	PRINT-LABEL 50X15 WHITE NO-FIX	3M	907057	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		TCS95X100BK	SLEEVE HEATSHRINK CEMBRE TCS95X100BK	CEMBRE	904698	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		2595000	Cable conduit / SZ Cable conduit, ø 16 mm, L: 25 m	Rittal	923767	&EFS=PWC+EC01/1.8
Z_MIN_EL	3		BF-U4	CABLE-TERMINAL FORK CEMBRE BF-U4	CEMBRE	903323	&EFS=PWC+EC01/1.8
Z_MIN_EL	2		9037450000	END-SLEVE TWIN CEMBRE PKT110	CEMBRE	909225	&EFS=PWC+EC01/1.8
Z_MIN_EL	56		PKT108	END-SLEVE TWIN CEMBRE PKT108	CEMBRE	903346	&EFS=PWC+EC01/1.8
Z_MIN_EL	10		PKD2508	END-SLEEVE SINGLE CEMBRE PKD 2508	CEMBRE	904250	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		GF-M4	CABLE-TEMINAL RING CEMBRE GF-M4	CEMBRE	903318	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		GF-M5	CABLE-TEMINAL RING CEMBRE GF-M5	CEMBRE	903319	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		GF-M5	CABLE-TERMINAL RING CEMBRE RF-M5	CEMBRE	903313	&EFS=PWC+EC01/1.8
Z_MIN_EL	20			CABLE TIE 140 X 3,6 MM	WÜRTH SRL	206597	&EFS=PWC+EC01/1.8
Z_MIN_EL	24		SI2KTB5210CW	PRINT-LABEL 10X5 WHITE FRAME-UP	3M	906924	&EFS=PWC+EC01/1.8



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DESIGNATION	AMOUNT	LENGTH	ARTICLE NUMBER	DESIGNATION 1	MANUFACTURER	INTERNAL NO	PAGE / PATH
Z_MIN_EL	8		SI2K40720W	PRINT-LABEL 20X5 WHITE ADHESIVE	3M	909278	&EFS=PWC+EC01/1.8
Z_MIN_EL	95		201/10	LABEL-SUP SLEEVE 1,5-2,5 X 10	3M	909280	&EFS=PWC+EC01/1.8
Z_MIN_EL	95		SI2K02W/10N	PRINT-LABEL 10X4 WHITE NO-FIX	3M	906481	&EFS=PWC+EC01/1.8
Z_MIN_EL	3			ETI FINISH ADHESIVE GROUND	---	200023	&EFS=PWC+EC01/1.8
Z_MIN_EL	16		SI2KFX0615W	PRINT-LABEL 15X6 WHITE ADHESIVE	3M	909279	&EFS=PWC+EC01/1.8
Z_MIN_EL	1		PKT1512	END-SLEVE TWIN CEMBRE PKT1512	CEMBRE	909226	&EFS=PWC+EC01/1.8
Z_MIN_EL	12		PKD412	END-SLEEVE SINGLE CEMBRE PKD412	CEMBRE	903341	&EFS=PWC+EC01/1.8
Z_MIN_EL	6		GF-U4	CABLE-TERMINAL FORK CEMBRE GF-U4	CEMBRE	921698	&EFS=PWC+EC01/1.8
Z_PUNT	10		AS 4050.736	Wire end ferrules loose 6mm² L=12mm	Rittal	4050736	&EFS=PWC+EC01/1.9
Z_PUNT	20		AS 4050.733	Wire end ferrules loose 1,5mm² L=8mm	Rittal	4050733	&EFS=PWC+EC01/1.9
Z_PUNT	88		AS 4050.732	Wire end ferrules loose 1mm² L=8mm	Rittal	4050732	&EFS=PWC+EC01/1.9
Z_PUNT	22		AS 4050.783	Wire end ferrules loose 4mm² L=12mm	Rittal	4050783	&EFS=PWC+EC01/1.9