



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

MODEL : SK3336.435
KRAE0161TD00V395EG

DRAWING NUMBER : EP25072 -

POWER SUPPLY : 400V 3 50Hz - 460V 360Hz

AUXILIARY SUPPLY : 24VAC

CUSTOMER :

REFERENCE :

CONTROL PANEL PART NR : 929163

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	20/01/2026	AL1
&EFS	=PWC	+EC01	1	POWER CIRCUIT	20/01/2026	AL1
&EFS	=PWC	+EC01	2	POWER CIRCUIT	20/01/2026	AL1
&EFS	=AUA	+EC01	1	AUXILIARY WIRING	20/01/2026	AL1
&EFS	=AUA	+EC01	2	AUXILIARY WIRING	20/01/2026	AL1
&EFS	=AUA	+EC01	4	DIGITAL INPUT	20/01/2026	AL1
&EFS	=AIN	+EC01	1	ANALOG INPUT	20/01/2026	AL1
&EFS	=ISN	+EC01	1	IN/OUT SIGNALS	20/01/2026	AL1
&EMZ		+EC01	1	UPC OVERVIEW	25/08/2025	AL1
&EMA			1	TERMINAL STRIP SUMMARY	26/08/2025	AL1
&EMA			2	PLUGS SUMMARY	26/08/2025	AL1
&EMA			3	TERMINAL DIAGRAM +EC01-X2	18/12/2025	FF2
&EMA			4	TERMINAL DIAGRAM +EC01-X2	26/08/2025	AL1
&EMA			5	PLUG DIAGRAM =PWC+ELM-XS1	26/08/2025	AL1
&EMA			6	PLUG DIAGRAM =ISN+ELM-XS2	26/08/2025	AL1
&EMA			7	PLUG DIAGRAM =ISN+ELM-XS2	26/08/2025	AL1
&EMB			1	CABLE OVERVIEW =PWC+EC01-W0-=AUA+EC01-W38	18/12/2025	FF2
&EPC			1	BILL OF PLUGS	26/08/2025	AL1
&EPC			2	BILL OF MATERIAL	20/01/2026	AL1
&EPC			3	BILL OF MATERIAL	12/09/2025	AL1
&EPC			4	BILL OF MATERIAL	18/12/2025	FF2
&EPC			5	BILL OF MATERIAL	18/12/2025	FF2
&EPC			6	BILL OF MATERIAL	18/12/2025	FF2

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&EFS=PWC+EC01/1

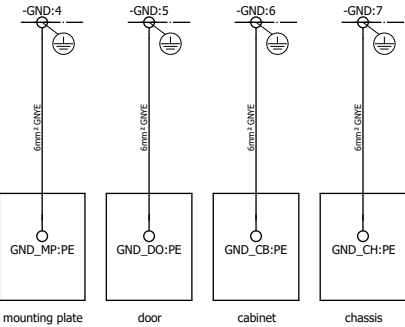
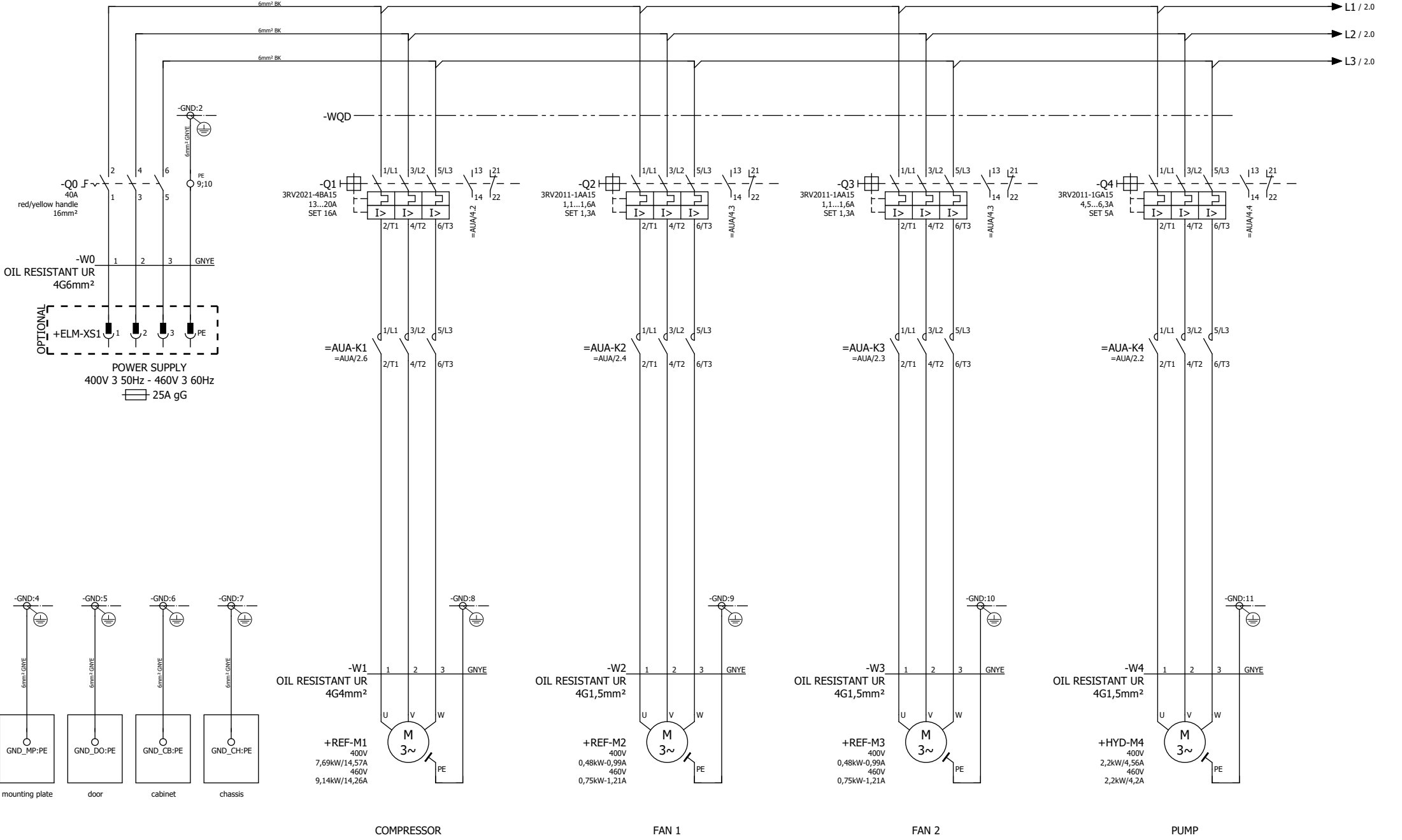
CREATED BY	AL1	ON THE	25/08/2025
REVISOR		ON THE	LAST REVISION



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GmbH & Co. KG

SK3336.435
KRAE0161TD00V395EG
PAGE OVERVIEW

DRAWING NUMBER		EP25072		EPLAN Electric P8	2025.0.3
CONTROL PANEL		929163	3D REVISION	2LP8_PAGKEL_22	2
&EAB		=	+	NUMBER OF PAGES	24
					1



&EAB=+/1

2

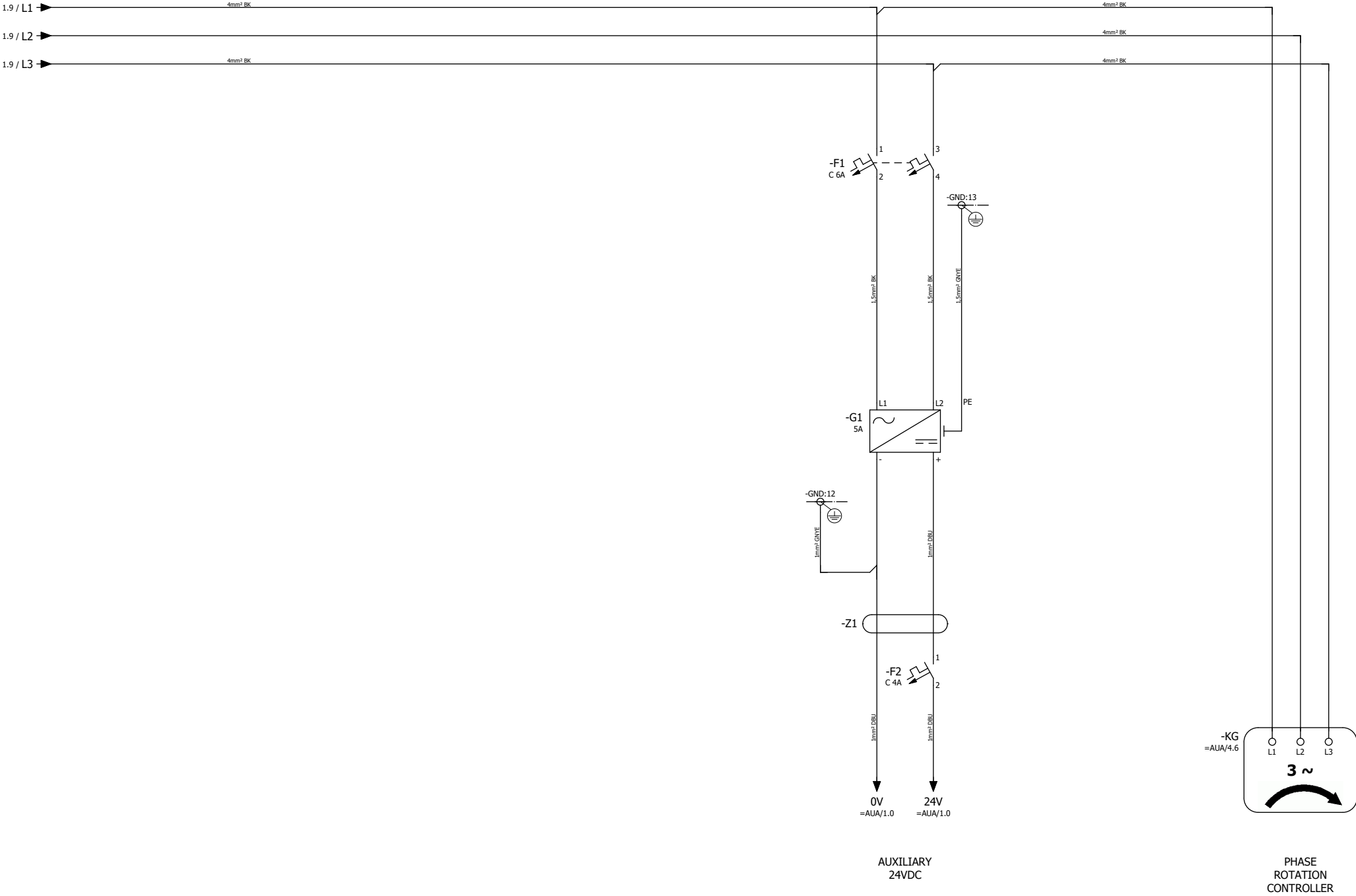
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REVISOR		ON THE	LAST REVISION

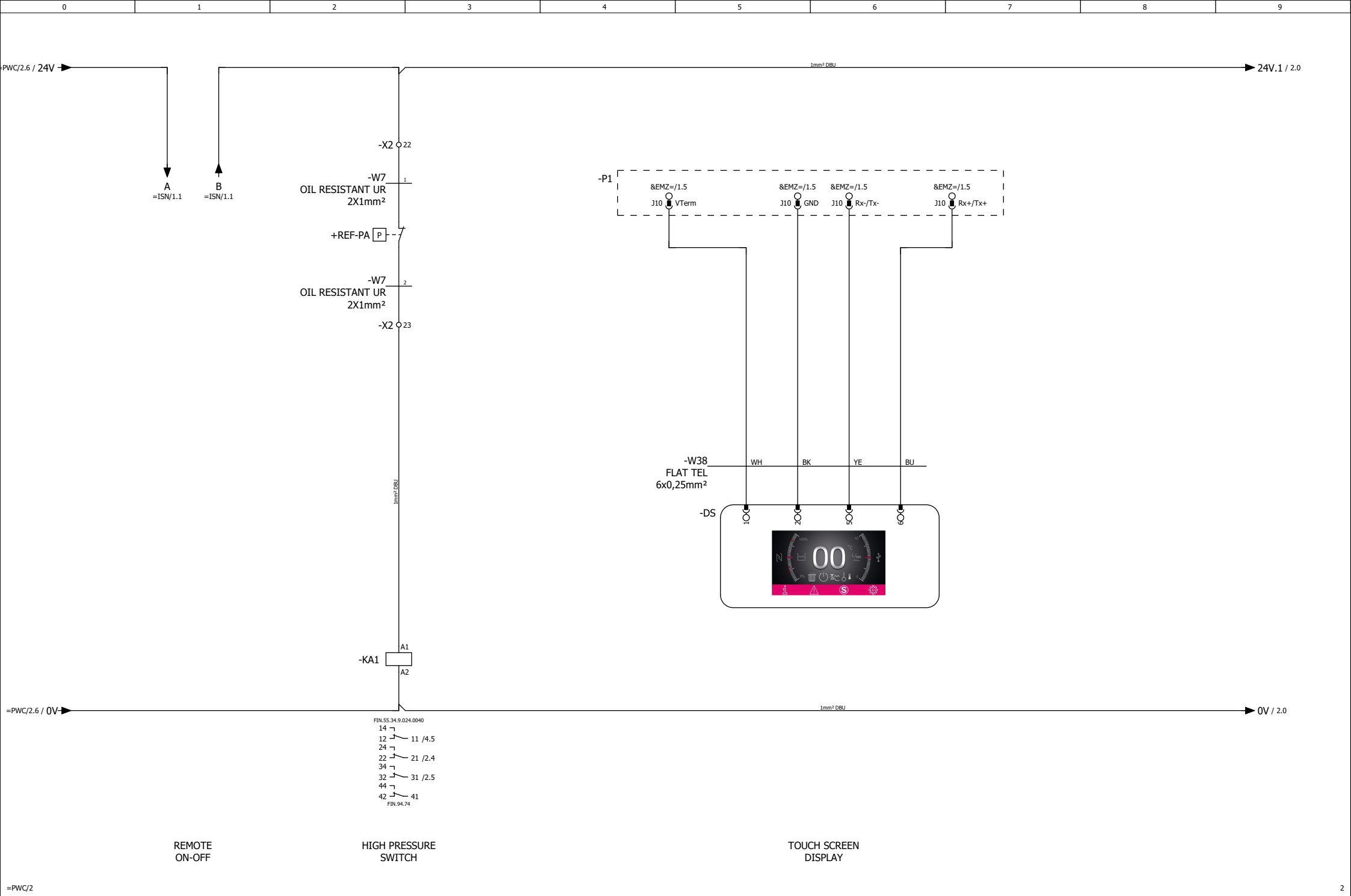


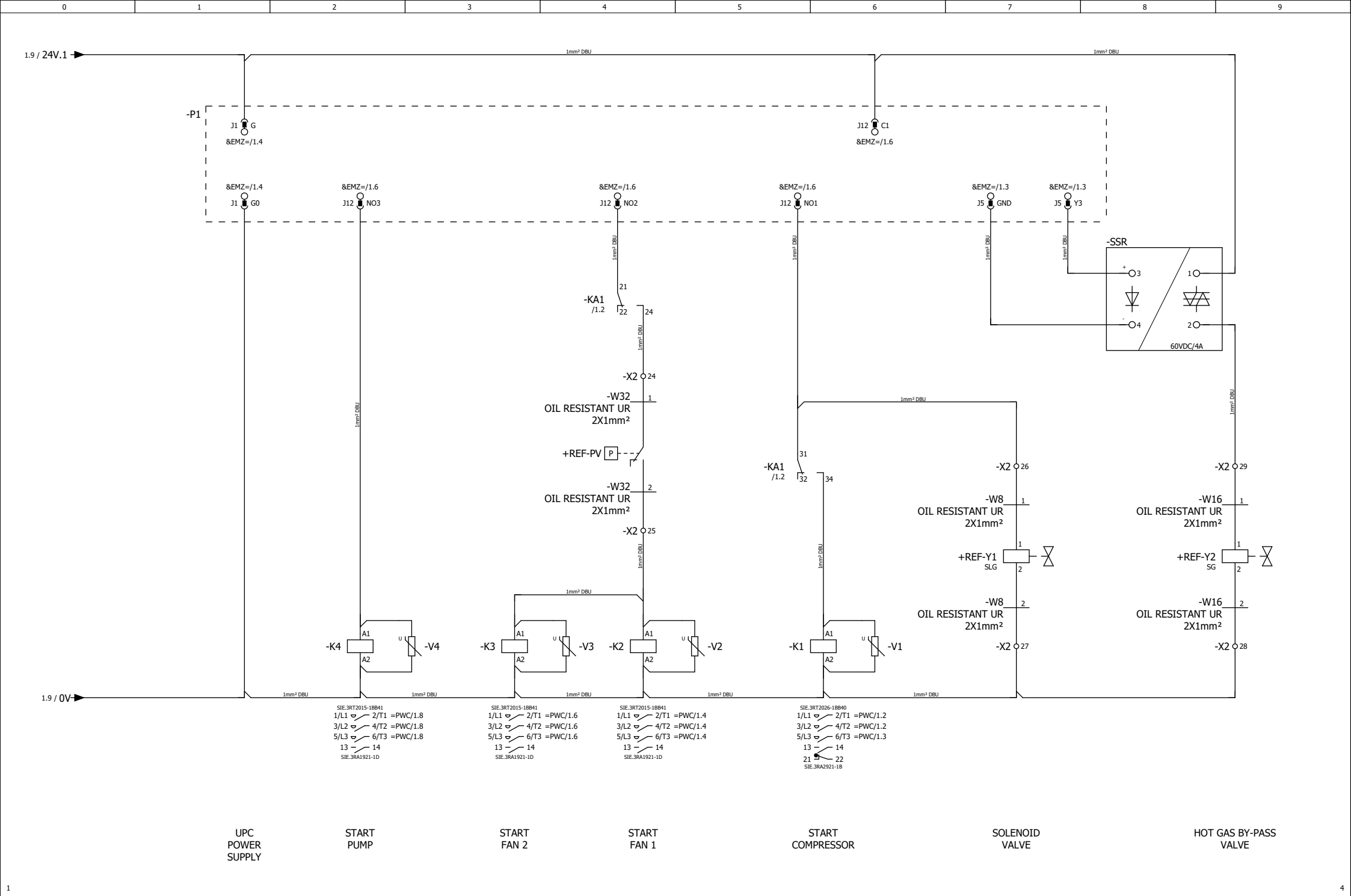
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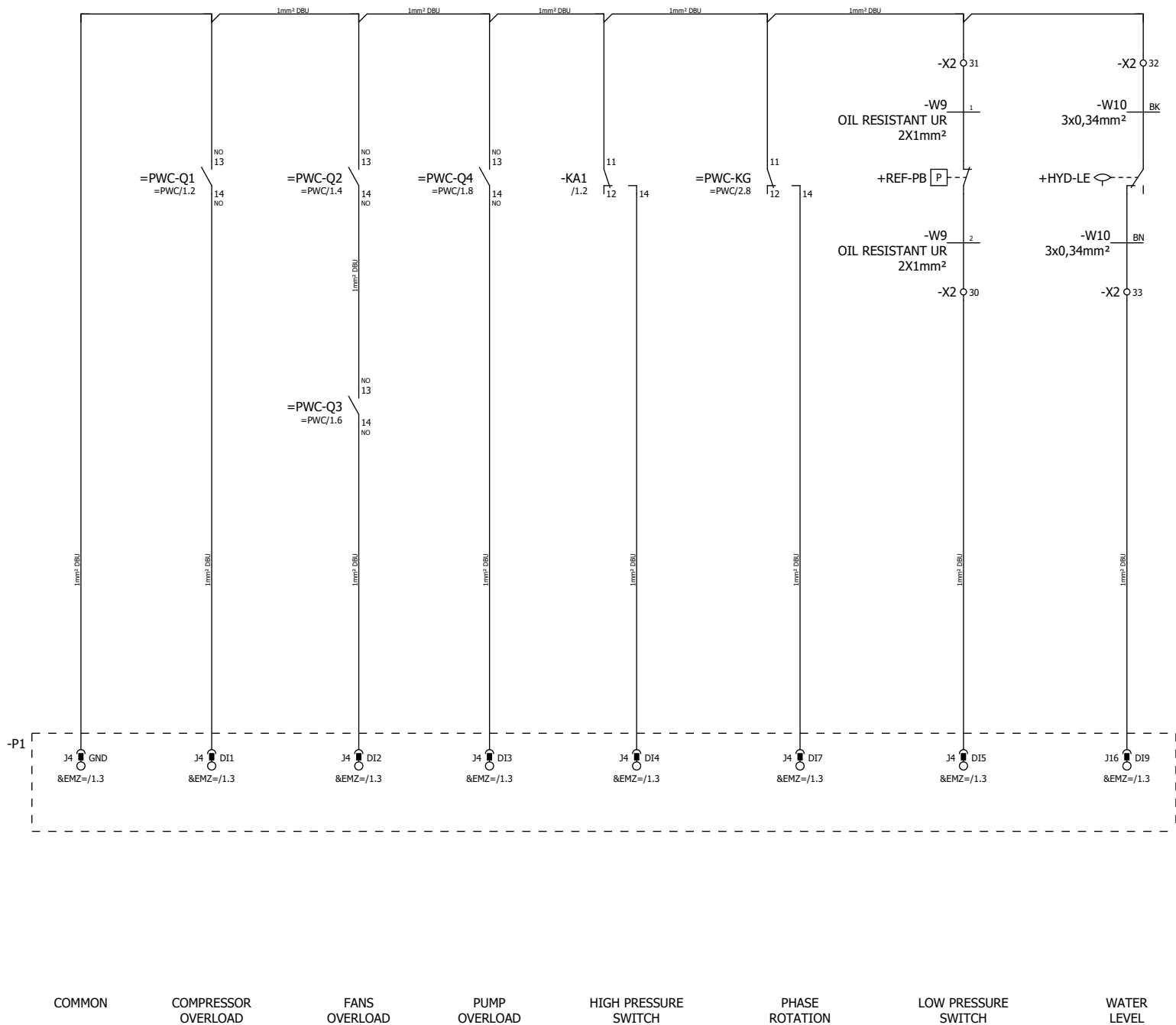
SK3336.435
KRAE0161TD00V395EG
POWER CIRCUIT

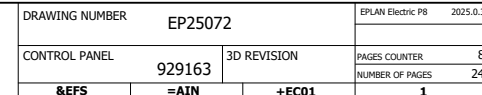
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CONTROL PANEL	929163	3D REVISION	PAGES COUNTER 3
&EFS	=PWC	+EC01	NUMBER OF PAGES 24
			1

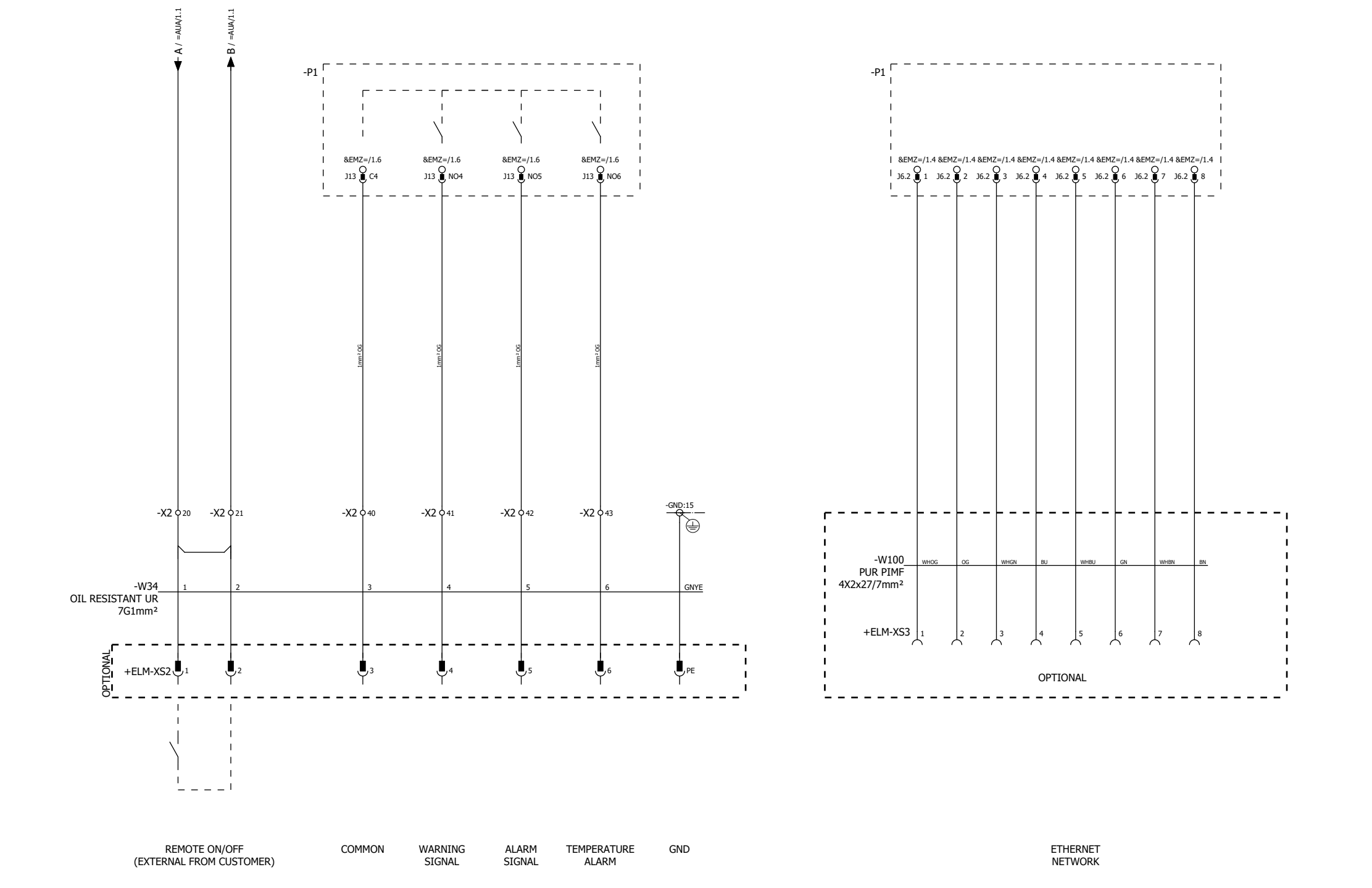












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ETHERNET &EFS=ISN/1.7 J6.2:4
ETHERNET &EFS=ISN/1.7 J6.2:5
ETHERNET &EFS=ISN/1.8 J6.2:6
ETHERNET &EFS=ISN/1.8 J6.2:7
ETHERNET &EFS=ISN/1.8 J6.2:8

J7:1
J7:2
J7:3
J7:4
J7:5
J7:6

JCS:1
JCS:2

J6.1:1
J6.1:2
J6.1:3
J6.1:4
J6.1:5
J6.1:6
J6.1:7
J6.1:8

J17:1
J17:2
J17:3
J17:4
J17:5
J17:6

J11:1
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J2:+SVR
J2:GND
J2:+Vdc

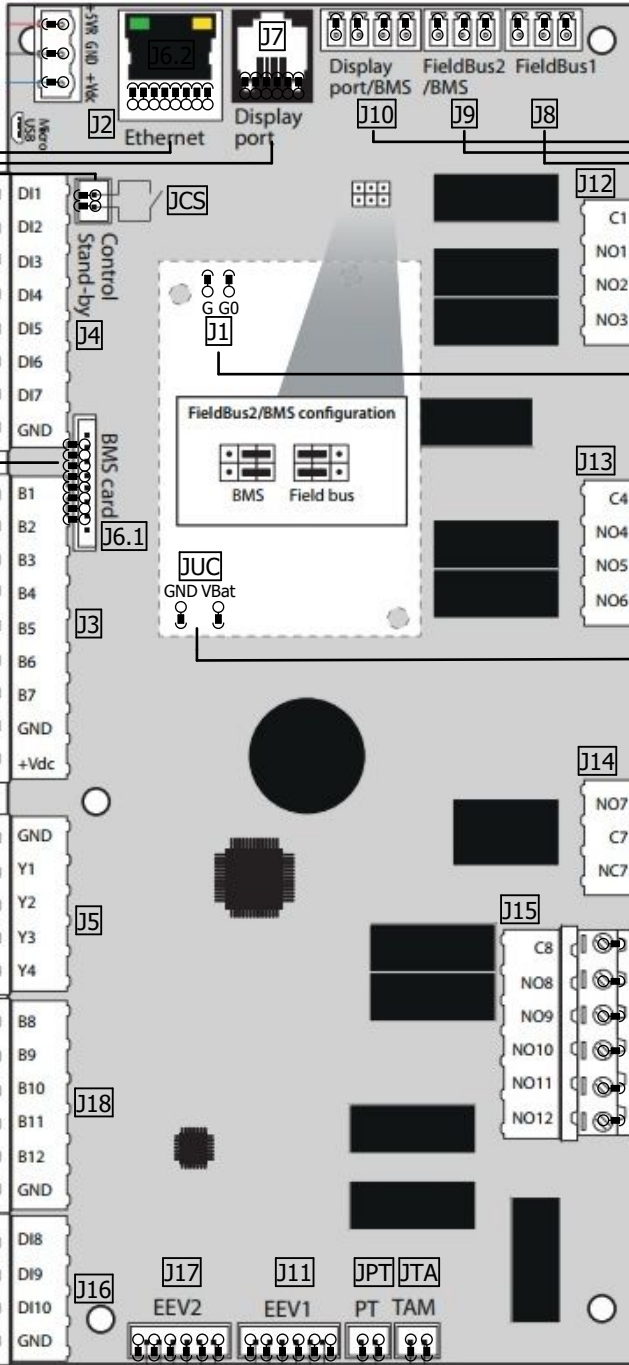
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PUMP OVERLOAD &EFS=AUA/4.4 J4:DI3
HIGH PRESSURE SWITCH &EFS=AUA/4.5 J4:DI4
LOW PRESSURE SWITCH &EFS=AUA/4.7 J4:DI5
J4:DI6
PHASES ROTATION &EFS=AUA/4.6 J4:DI7
COMMON DIC1 &EFS=AUA/4.2 J4:GND

OUTLET PROBE CIRCUIT &EFS=AIN/1.4 J3:B1
AMBIENT PROBE &EFS=AIN/1.5 J3:B2
ANTIFREEZE PROBE &EFS=AIN/1.7 J3:B3
J3:B4
J3:B5
J3:B6
J3:B7
GND &EFS=AIN/1.3 J3:GND
J3:+Vdc

GND &EFS=AUA/2.7 J5:GND
J5:Y1
J5:Y2
HGBP VALVE &EFS=AUA/2.7 J5:Y3
J5:Y4

J18:B8
J18:B9
J18:B10
J18:B11
J18:B12
J18:GND

WATER LEVEL &EFS=AUA/4.8 J16:DI8
J16:DI9
J16:DI10
J16:GND



J10:GND &EFS=AUA/1.5 GND
J10:Rx+/Tx+ &EFS=AUA/1.7 Rx+/Tx+ / BMS
J10:Rx-/Tx- &EFS=AUA/1.6 Rx-/Tx- / BMS
J10:VTerm &EFS=AUA/1.4 VTerm

J9:GND
J9:Rx+/Tx+
J9:Rx-/Tx-
J8:GND
J8:Rx+/Tx+
J8:Rx-/Tx-

J1:G &EFS=AUA/2.1 UPC POWER SUPPLY
J1:G0 &EFS=AUA/2.1 UPC POWER SUPPLY

J13:C4 &EFS=ISN/1.2 COMMON C4
J13:NO4 &EFS=ISN/1.3 WARNING SIGNAL
J13:NO5 &EFS=ISN/1.3 ALARM SIGNAL
J13:NO6 &EFS=ISN/1.4 TEMPERATURE ALARM SIGNAL

JUC:GND
JUC:Vbat

J14:NO7
J14:C7
J14:NC7

J15:C8
J15:NO8
J15:NO9
J15:NO10
J15:NO11
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&EMA+/1

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REVISOR ON THE LAST REVISION



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SK3336.435
KRAE0161TD00V395EG
UPC OVERVIEW

DRAWING NUMBER EP25072

CONTROL PANEL 929163

3D REVISION

&EMZ

=

+EC01

EPLAN Electric P8 2025.0.3

PAGES COUNTER 10
NUMBER OF PAGES 24

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



+EC01-X2
AUXILIARY SUPPLY TERMINAL BOARD

1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
11	10	9	8	7	6	5	4	3	2	1	PAGE / PATH

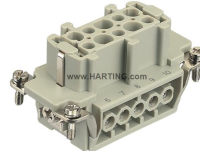
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+EC01-X2
AUXILIARY SUPPLY TERMINAL BOARD

[illegible]

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

0	1	2	3	4	5	6	7	8	9	2LP8_CONKEL_22														
BASE SIDE								CABLE NAME			 PLUG DIAGRAM =ISN+ELM-XS2 IN/OUT SIGNALS PLUG				CABLE NAME		+EC01-W34				HOOD SIDE			
	FUNCTION TEXT							CABLE TYPE		TARGET	CONNECTION	PIN PLUG	TARGET	CONNECTION	CABLE TYPE		OIL RESISTANT UR					PAGE / PATH		
	GND									+EC01-GND		PE 					GNYE					&EFS+EC01/1.4		

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	4mm²		2m	926261	&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



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	

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KRAE0161TD00V395EG
BILL OF PLUGS

DRAWING NUMBER		EP25072		EPLAN Electric P8	2025.0.3
CONTROL PANEL		929163	3D REVISION	2LP8_RICKEL_CONN_22	
&EPC		=	+	PAGES COUNTER	19
				NUMBER OF PAGES	24
					1



BILL OF MATERIALS

2LP8_RICKEL_22

DESIGNATION	AMOUNT	LENGTH	ARTICLE NUMBER	DESIGNATION 1	MANUFACTURER	INTERNAL NO	PAGE / PATH
	5	3,338 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
	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
	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
	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	1,790 m	4510003K	H05V-K EMBOSS 1X1 GNYE	LAPP KABEL	928313	&EFS=PWC+EC01/2.5
	1	1,751 m	4520001K	H07V-K EMBOSS 1X1,5 GNYE	LAPP KABEL	928322	&EFS=PWC+EC01/2.6
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		3RT2026-1BB40	CONTACTOR,AC3:11KW 1NO+1NC DC24V	Siemens	919428	&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 Mx F L20 M6 ZN-ST	---	904235	(AMB1.S1)
U263	1			STAND OFFS H Mx F 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		4G4mm² OIL RESISTANT UR	---	926261	&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+EC01/4.8;&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-SLEEVE TWIN CEMBRE PKT110	CEMBRE	909225	&EFS=PWC+EC01/1.8
Z_MIN_EL	56		PKT108	END-SLEEVE 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		SI2KT85210CW	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