

460A119970

TEF9980 020 Status light control system ILC171

REV.	DATE	NAME	REVISIONS	REVISION
A		Administrator		A
0		Administrator		01
				TOTAL
				8

Tranberg	Stahl Tranberg AS Strandsvingen 6 N-4032 Stavanger, Norway info@stahl-tranberg.com	REVISION
	CONTRACT : TEF9980 020, Indoor 100-240VAC ILC171	

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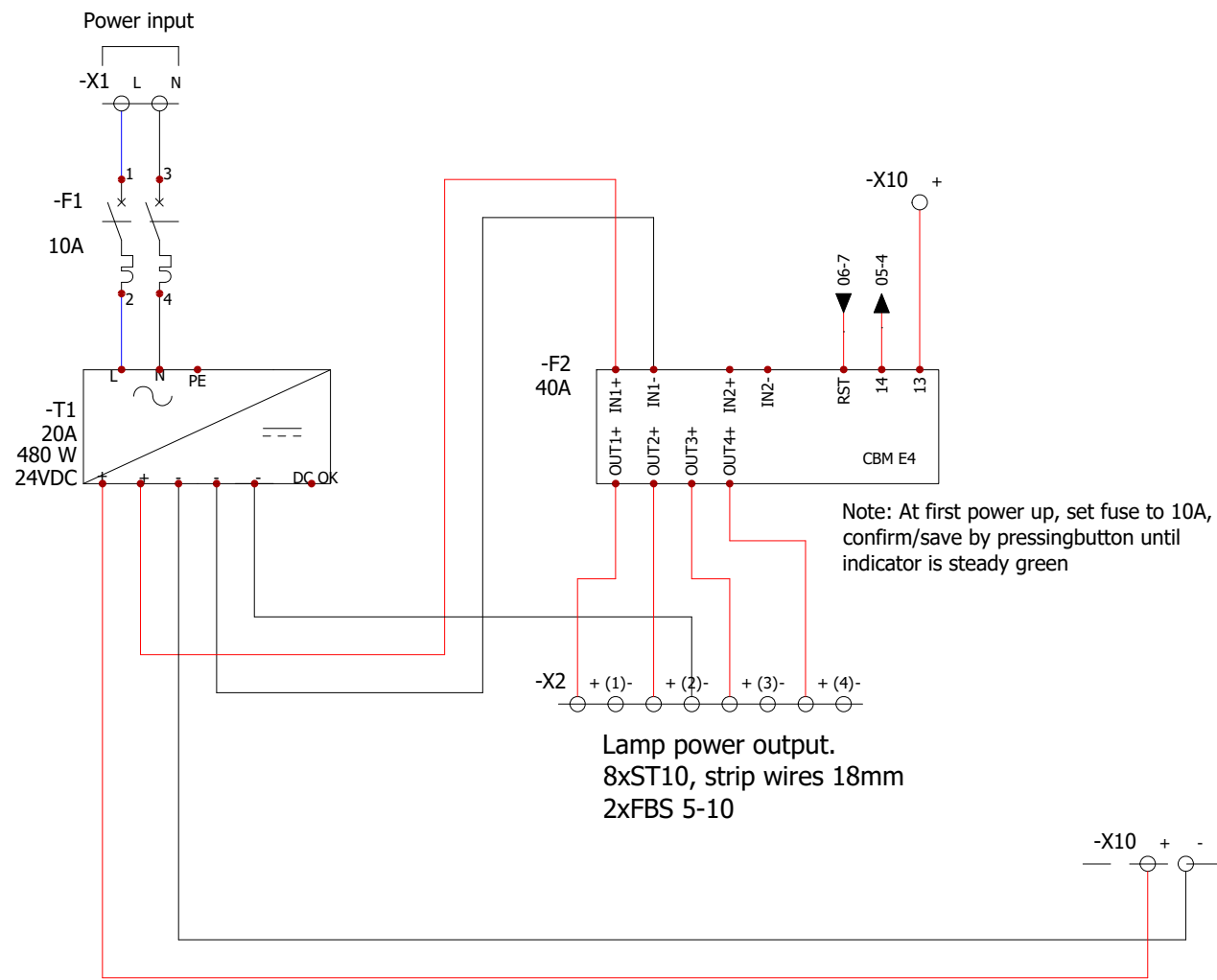
Drawing	Function	Location	Revision	Date	Created by	Description	Folder designation
01	=F1	+L1	A		Administrator	Cover page	
02	=F1	+L1	A		Administrator	Drawing list	
03	=F1	+L1	A		Administrator	Electrical scheme	
04	=F1	+L1	A		Administrator	PLC CPU drawing	
05	=F1	+L1	A		Administrator	Digital Inputs	
06	=F1	+L1	A		Administrator	Digital Outputs	
07	=F1	+L1	A		Administrator	Bill of materials	
08	=F1	+L1	A		Administrator	Bill of materials	

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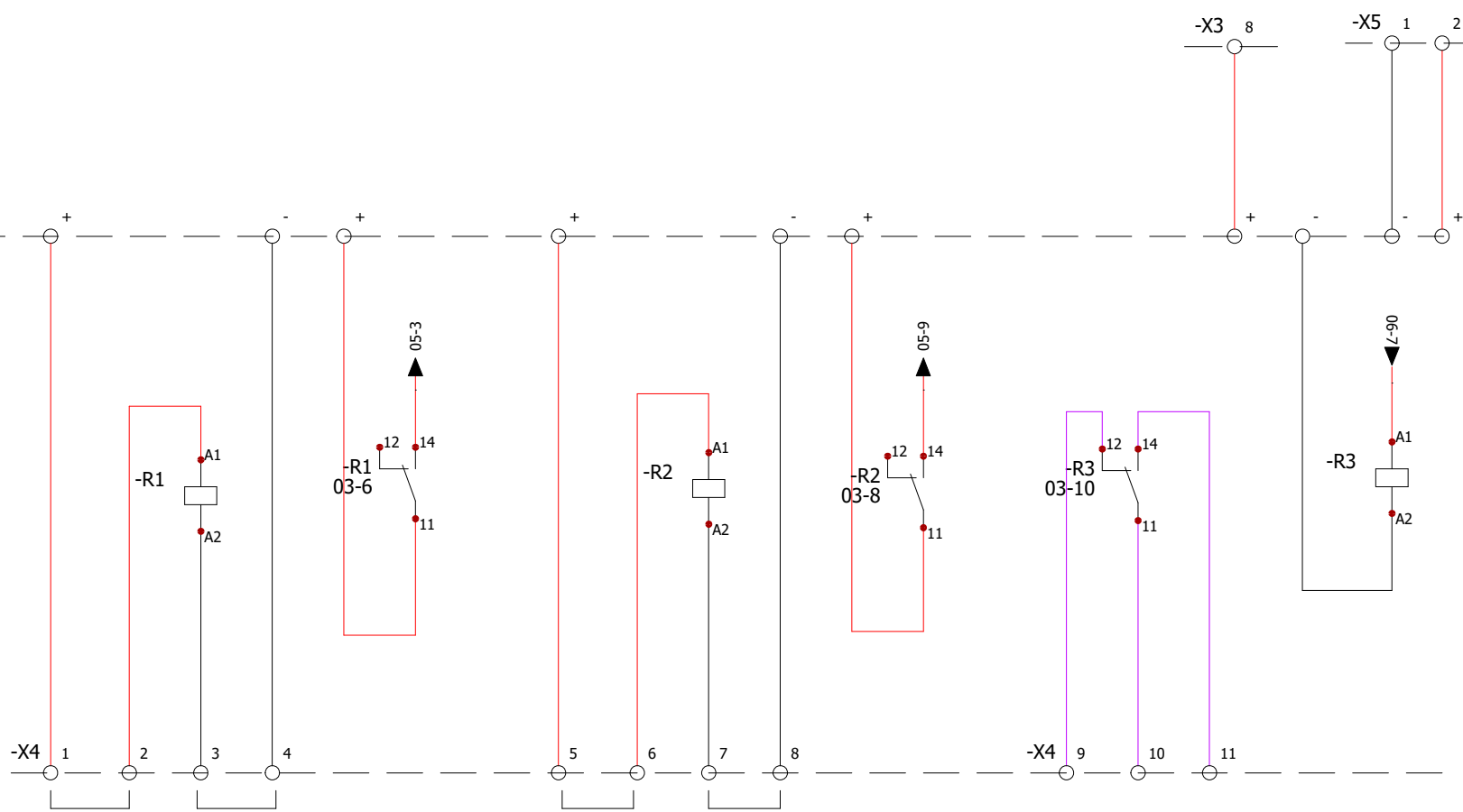
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460A119970			LOCATION: +L1	TOTAL
			Main electrical closet	8



All power wires are 2.5 mm² Radox unless otherwise specified.
All signal wires are 0.75 mm² Radox unless otherwise specified.

For all PT 2.5: Strip wires 8-10 mm
For all PT 4: Strip wires 10-12 mm
For all ST 10: Strip wires 18 mm
For all PLC-connections: Strip wires 8 mm
For all CBM-connections: Strip wires 10 mm



-R1: Fire & Gas external wave off activation.
Option 1: 24VDC from external source. No latching required. 24VDC supply between X4:2,3.
Option2: Volt free dry contact from external source. Latch X4:3,4. Signal contact between X4:1,2.

-R2: Pitch & Roll external wave off activation.
Option 1: 24VDC from external source. No latching required. 24VDC supply between X4:6,7.
Option2: Volt free dry contact from external source. Latch X4:7,8. Signal contact between X4:5,6.

-R3: Common alarm output.



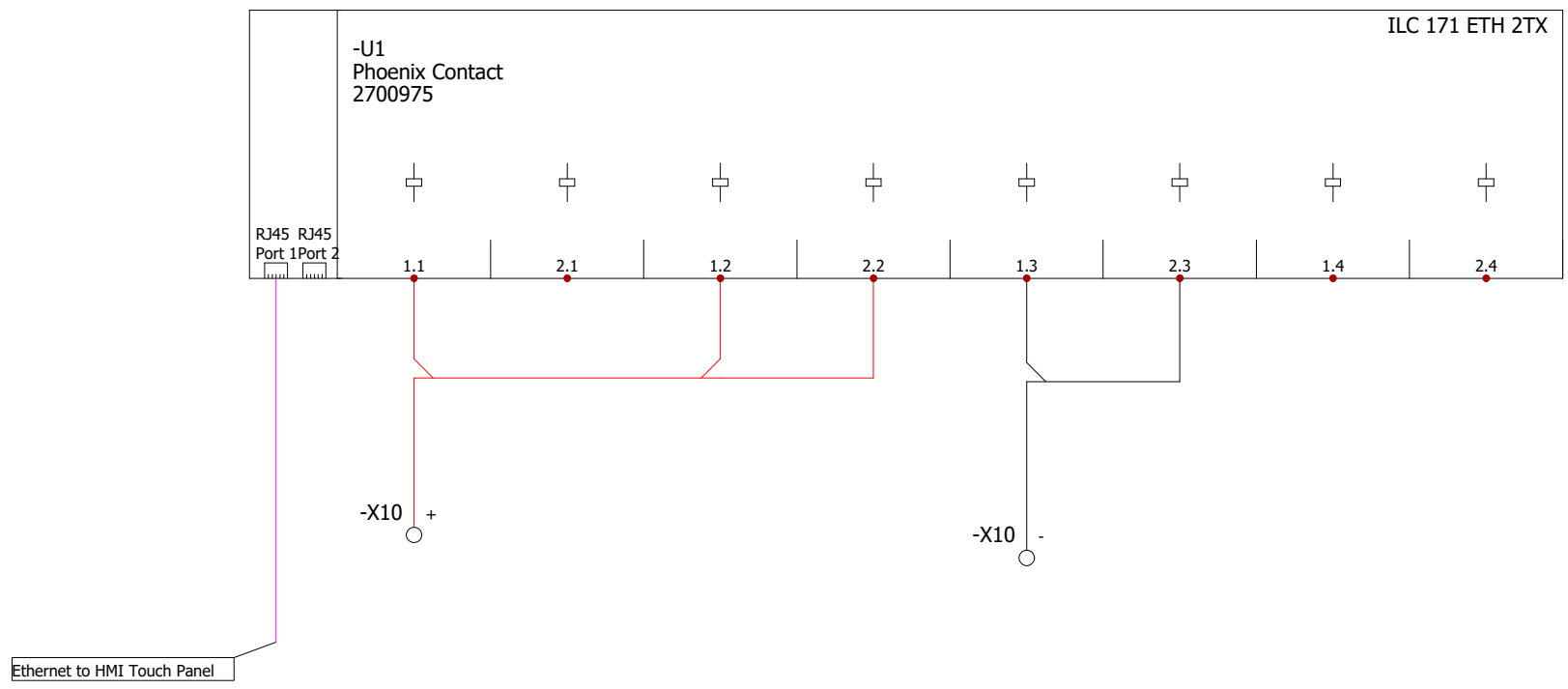
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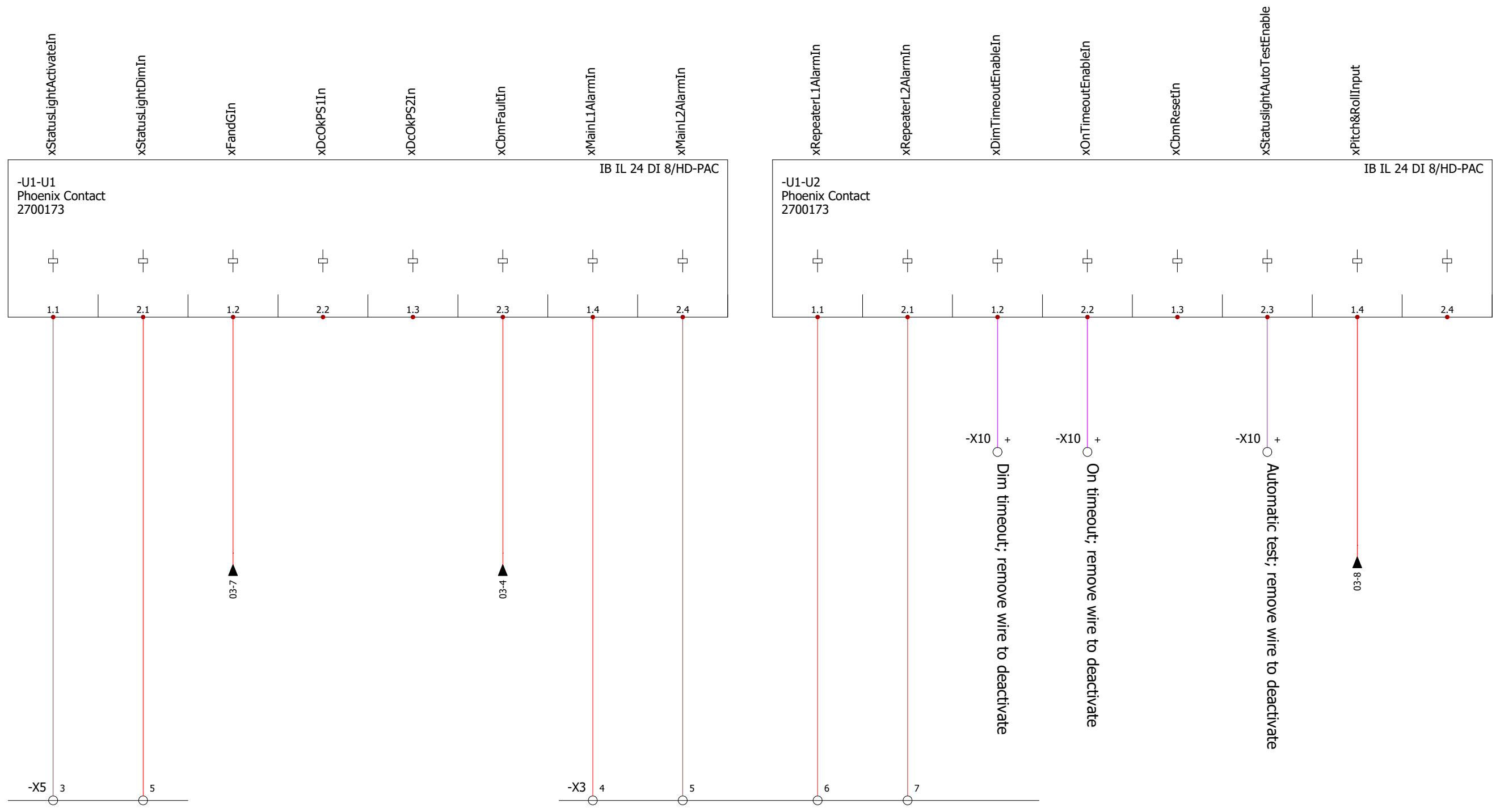


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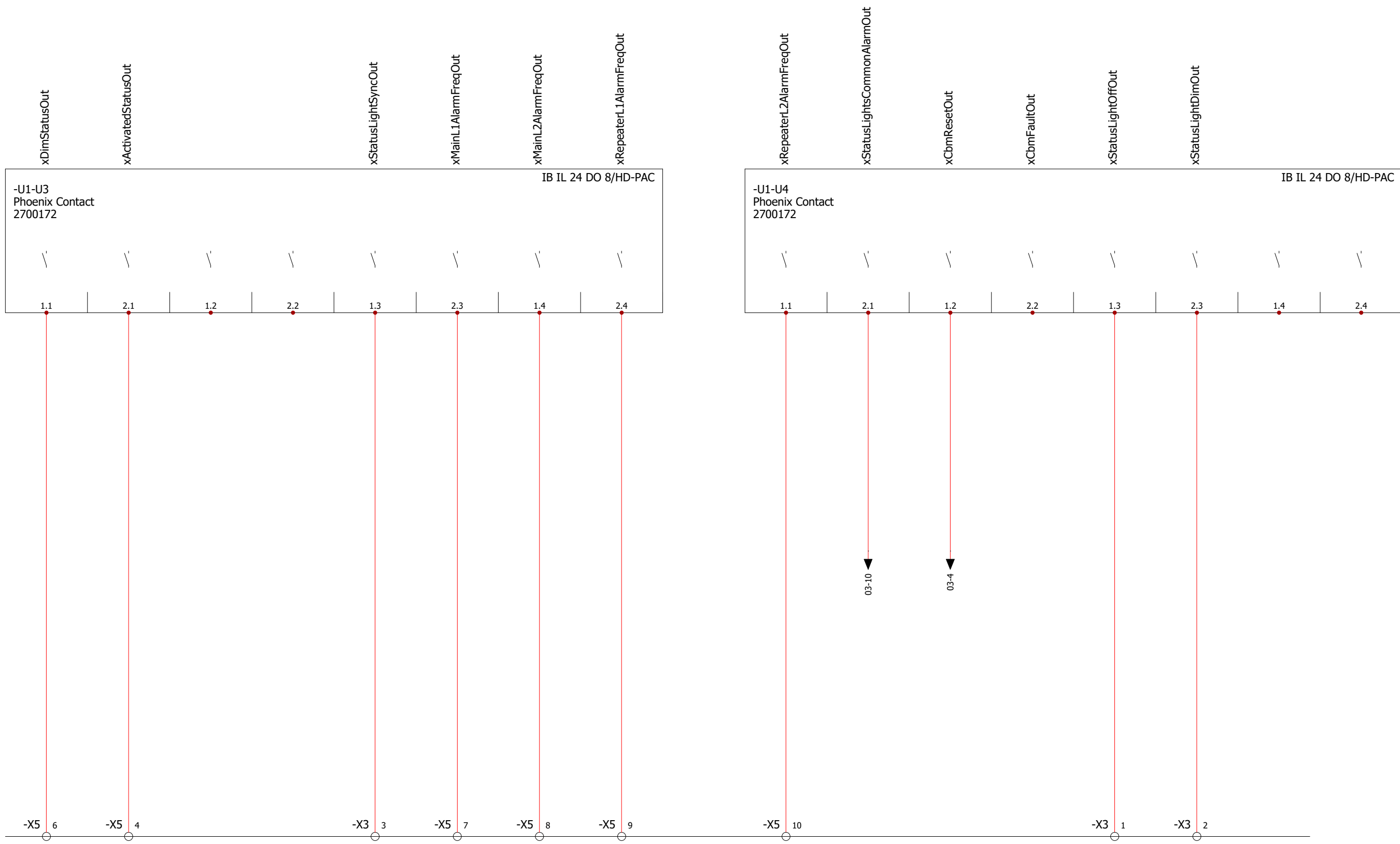
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Switches and indicators input/output 10x2.5 quattro



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Phoenix Contact

Reference	Mark	Description	Quantity
0421029	-PE-1	Ground connection terminal block AKG 4 GNYE	14
0423027	-PE-1	Ground connection terminal block AKG 16 GNYE	6
2700172	-U1-U3, -U1-U4	IB IL 24 DO 8/HD-PAC	2
2700173	-U1-U1, -U1-U2	IB IL 24 DI 8/HD-PAC	2
2700975	-U1	ILC 171 ETH 2TX	1
2866776	-T1	Phoenix Quint PSU 1AC 24DC 20A	1
2905743	-F2	Phoenix CBM E4 24VDC	1
3030420	-X1-PE	End cover D-ST 4	1
3030514	-X10--, -X10+, -X5-10	End cover D-ST 2,5-QUATTRO	3
3031364	-X1-L, -X1-N	Feed-through terminal block ST 4	2
3031380	-X1-PE	Ground terminal block ST 4-PE	1
3036110	-X2--, -X2+ (1), -X2+ (2), -X2+ (3), -X2+ (4)	Feed-through terminal block ST 10	8
3036136	-X2-PE	Ground terminal block ST 10-PE	4
3036644	-X2--, -X2-PE	End cover D-ST 10	2
3209578	-X10--, -X10+, -X5-1, -X5-2, -X5-3, -X5-4, -X5-5, -X5-6, -X5-7, -X5-8, -X5-9, -X5-10	Feed-through terminal block PT 2,5-QUATTRO	21

Rittal

Reference	Mark	Description	Quantity
AE 1045.500	+L1	AE Compact enclosure, WHD: 400x500x210 mm IP66, AE 1045.500	4
SZ2508.010	+L1	SZ Wall mounting bracket, sheet steel, galvanized, Wall distance 10 mm	4
SZ2519.000	+L1	SZ Door stay, for AE	4
SZ2562.100	+L1	SZ Metal gland plate, with metric knock-outs, size: 4	4
SZ2593.000	+L1	SZ Cable conduit holder, for cable conduit \varnothing 16 mm	8
SZ2595.000	+L1	SZ Cable conduit, \varnothing 16 mm	4

Schneider Electric

Reference	Mark	Description	Quantity
A9F06210	-F1	Miniature circuit breaker iC60H - 2P - 10A - B curve	1

TE Connectivity

Reference	Mark	Description	Quantity
EM18	-R1, -R2, -R3	Protection diode, red LED, for RT78726//RT7872P	3
RT17017	-R1, -R2, -R3	Retainer for relay socket RT78726/RT7872P	3

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-> TE Connectivity

Reference	Mark	Description	Quantity
RT17040	-R1, -R2, -R3	Marking tag for RT78726/RT7872P	3
RT78726	-R1, -R2, -R3	Relay Socket RT series 2C/O	3
RT424024	-R1, -R2, -R3	RELE TE/SCHRACK RT424024 24VDC	3

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