



TRANBERG

460A121652

4600 431 Standard lights + IMT CircleH 100-240VAC

REV.	DATE	NAME	REVISIONS	REVISION
1	28.08.2024	ommundsenfr		1
0	10.07.2024	ommundsenfr		01
			R. Stahl Tranberg AS Strandsvingen 6 4032 Stavanger Norway	TOTAL 15
			CONTRACT : TEF4600 431	

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Drawing	Function	Location	Revision	Date	Created by	Description	Folder designation
01	=F1	+L1	1	28.08.2024	ommundsenfr	Cover page	
02	=F1	+L1	1	28.08.2024	ommundsenfr	Drawing list	
03	=F1	+L1	1	28.08.2024	ommundsenfr	Power Distribution	
04	=F1	+L1	1	28.08.2024	ommundsenfr	Auxiliary Relays	
05	=F1	+L1	1	28.08.2024	ommundsenfr	PLC CPU drawing	
06	=F1	+L1	1	28.08.2024	ommundsenfr	PLC Inputs 1 & 2	
07	=F1	+L1	1	28.08.2024	ommundsenfr	PLC Inputs 3 & 4	
08	=F1	+L1	1	28.08.2024	ommundsenfr	PLC Outputs 1 & 2	
09	=F1	+L1	1	28.08.2024	ommundsenfr	PLC Inputs 5 & 6	
10	=F1	+L1	1	28.08.2024	ommundsenfr	PLC Outputs 3 & 4	
13	=F1	+L1	1	28.08.2024	ommundsenfr	PLC Serial Communication Modules	
12	=F1	+L1	1	28.08.2024	ommundsenfr	CircleH Power & Serial comm	
14	=F1	+L1	1	28.08.2024	ommundsenfr	Bill of materials	
15	=F1	+L1	1	28.08.2024	ommundsenfr	Bill of materials	
16	=F1	+L1	1	28.08.2024	ommundsenfr	Bill of materials	

Symbol identification in drawing

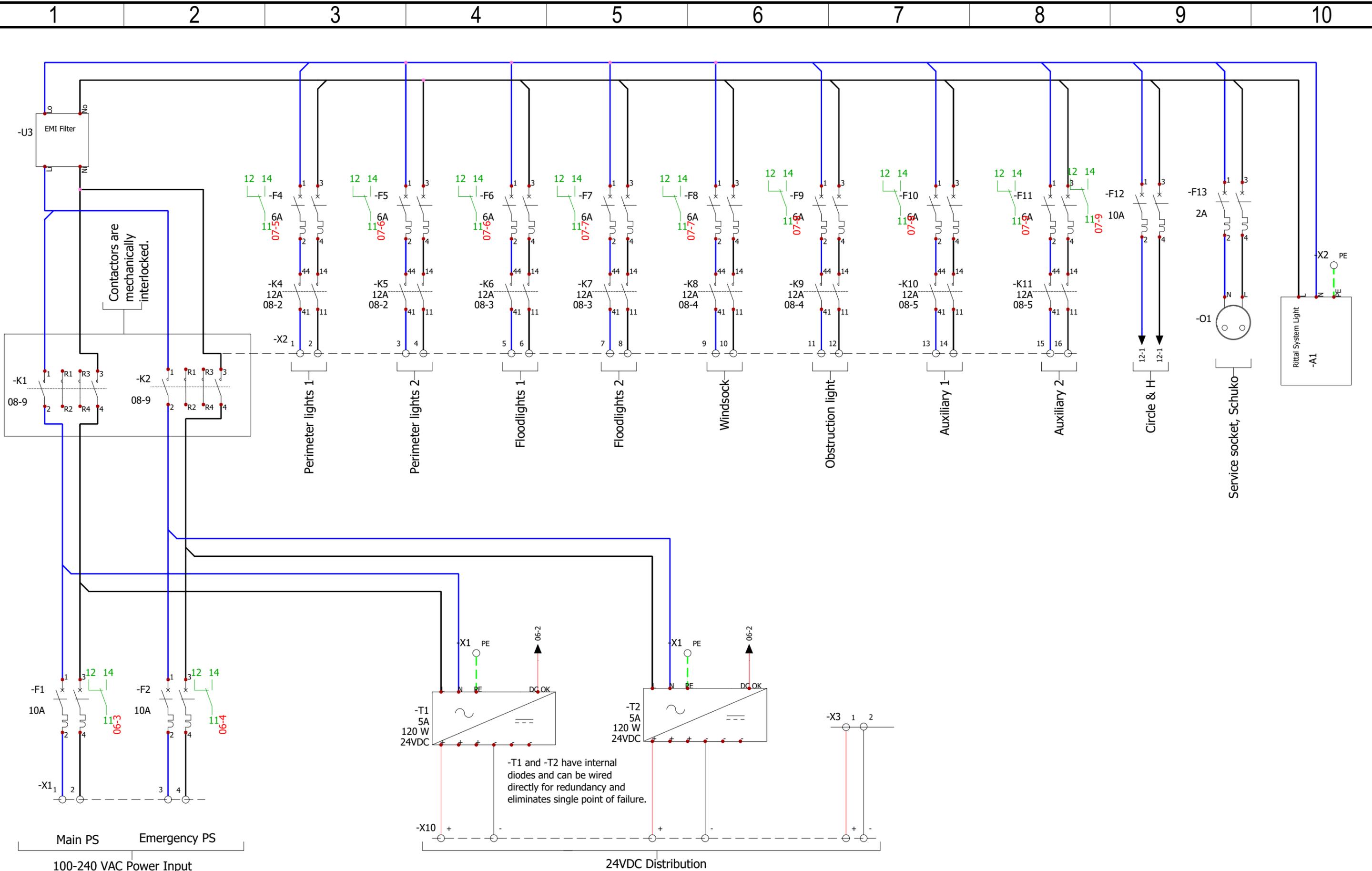
- = Indicates that terminal belong to the same terminal strip
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Power Distribution



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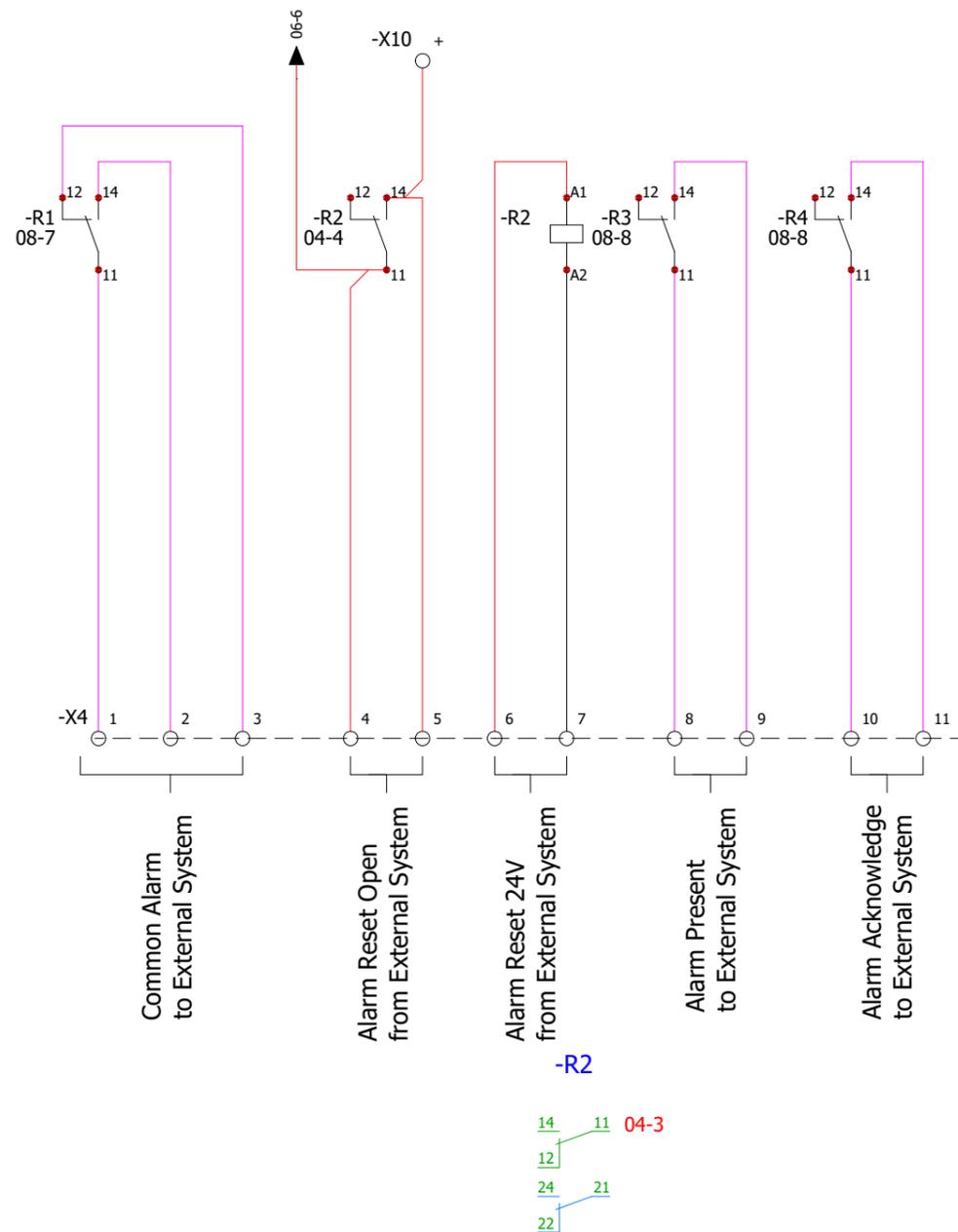
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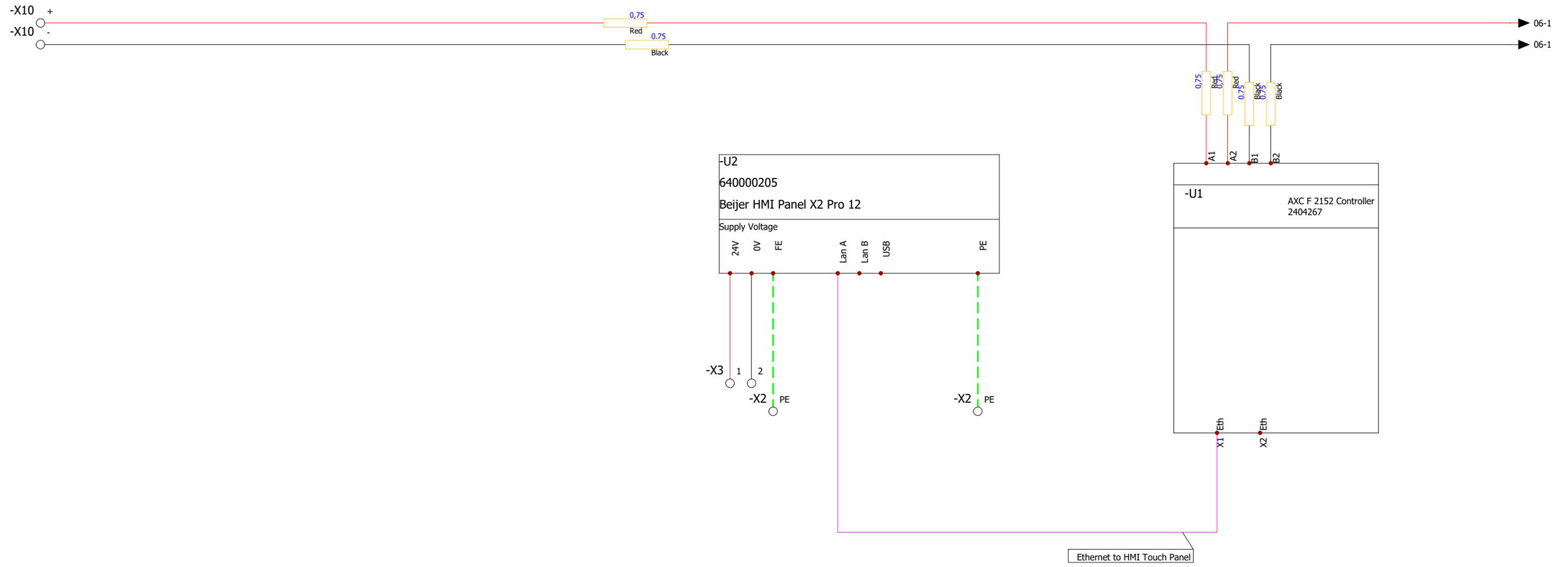
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Auxiliary Relays



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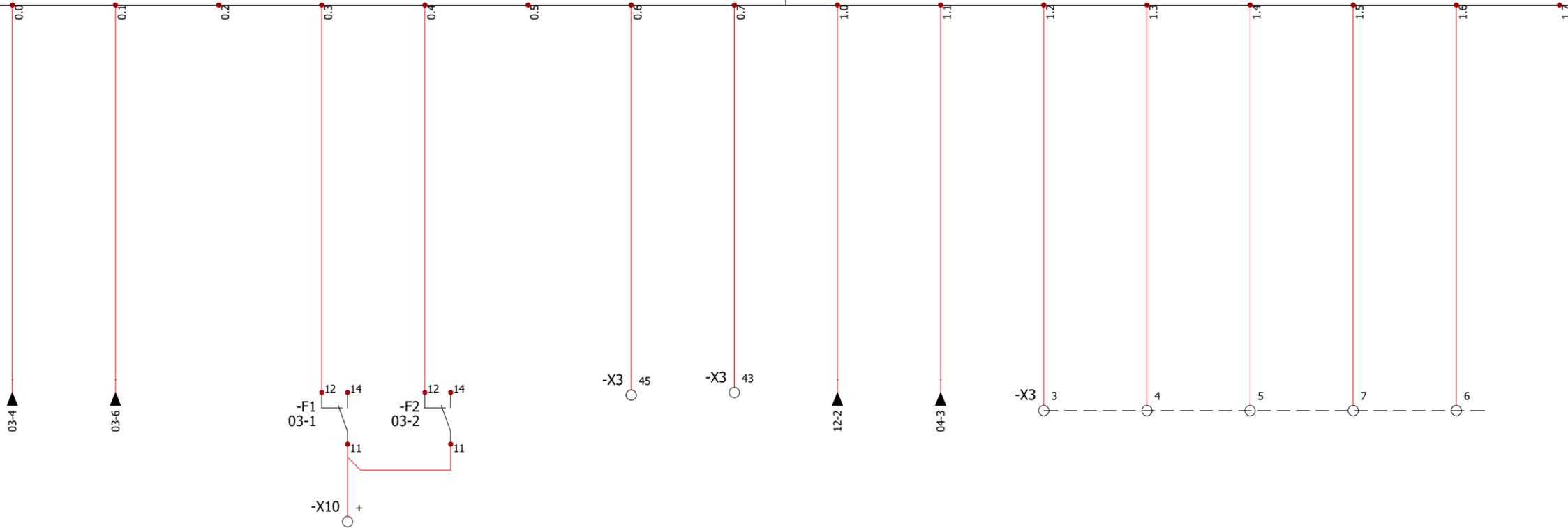
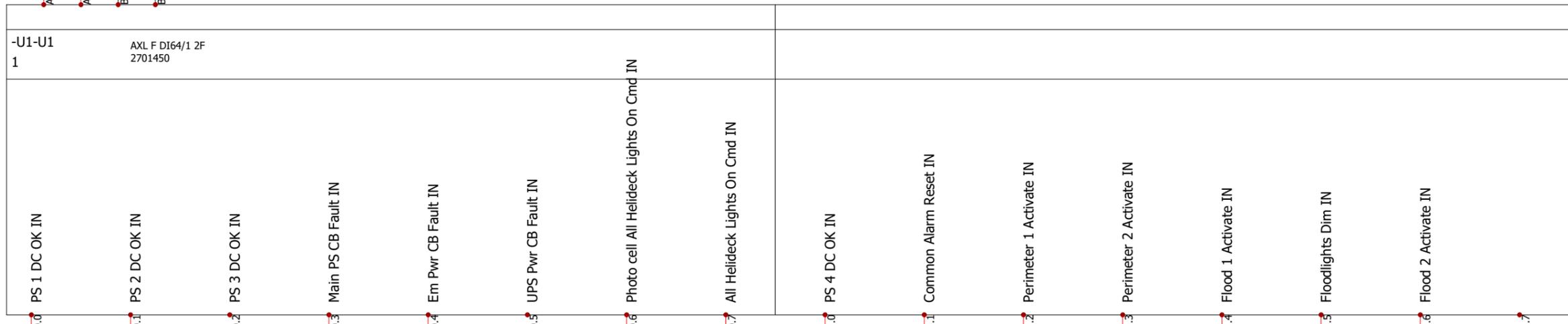
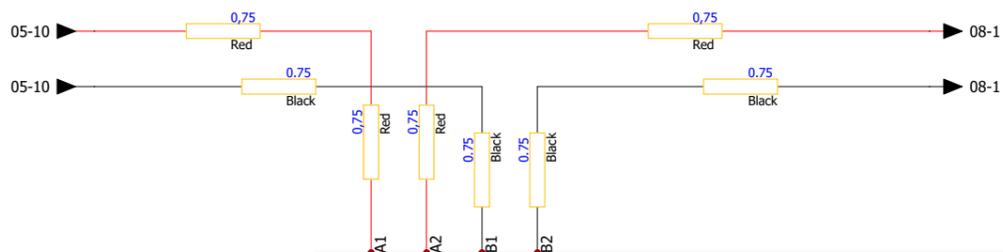
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 PLC CPU drawing



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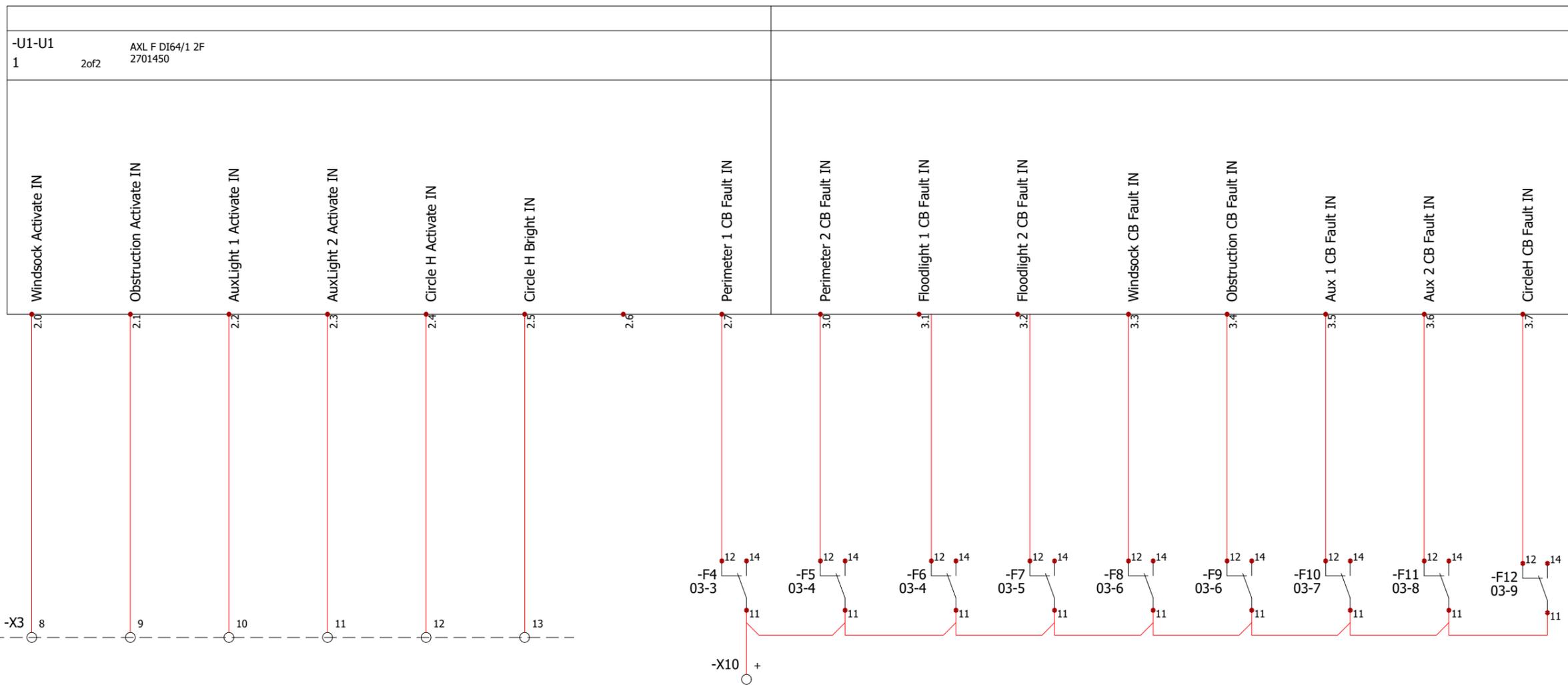
PLC Inputs 1 & 2



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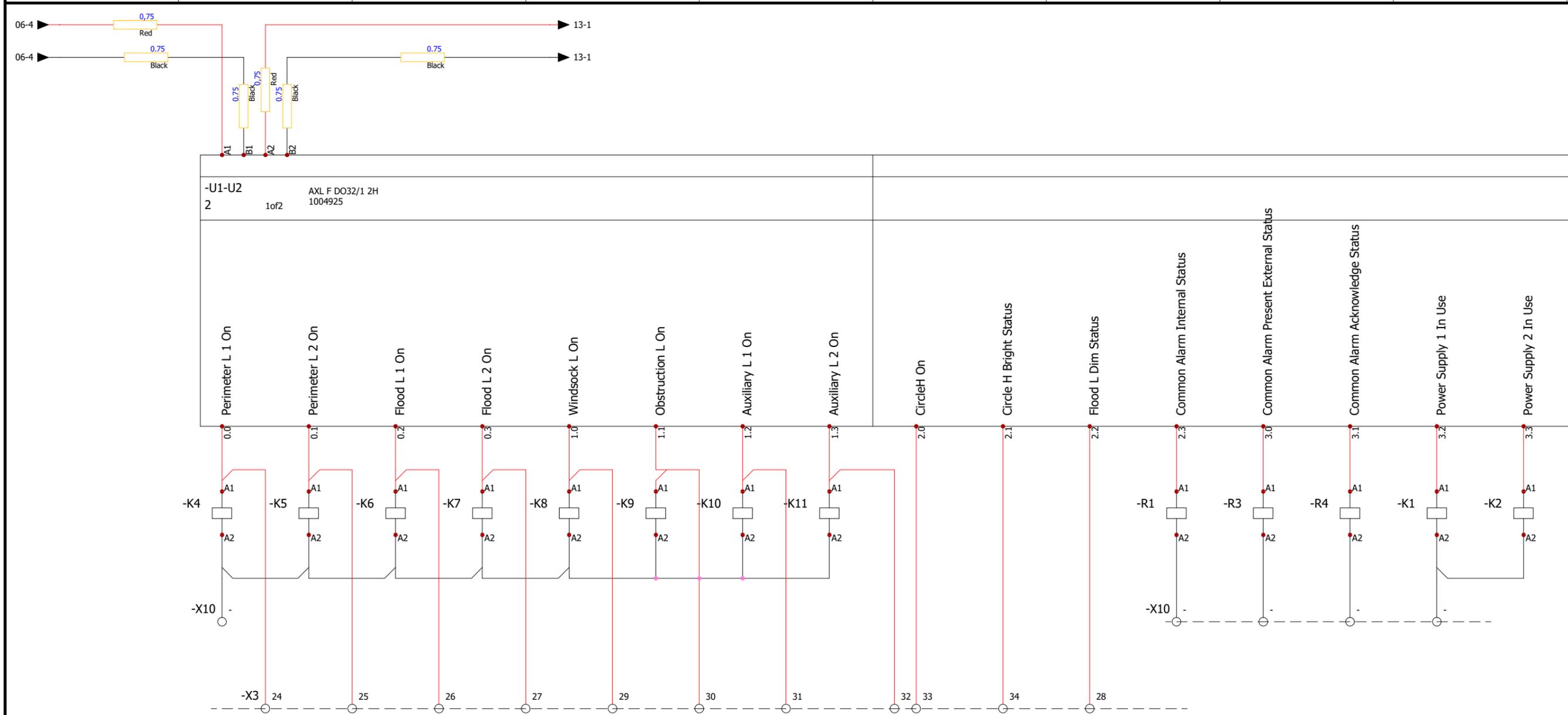
PLC Inputs 3 & 4



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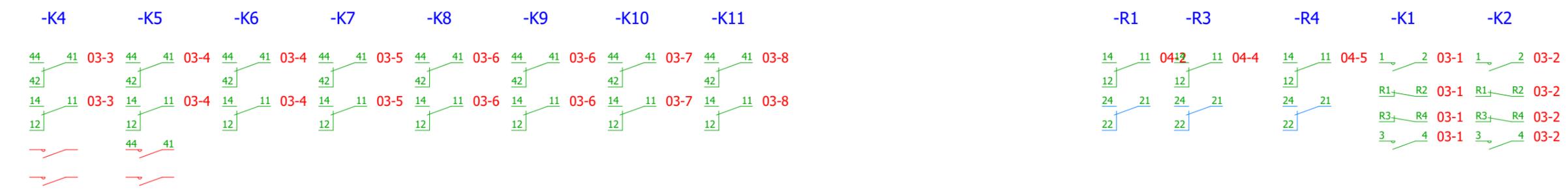
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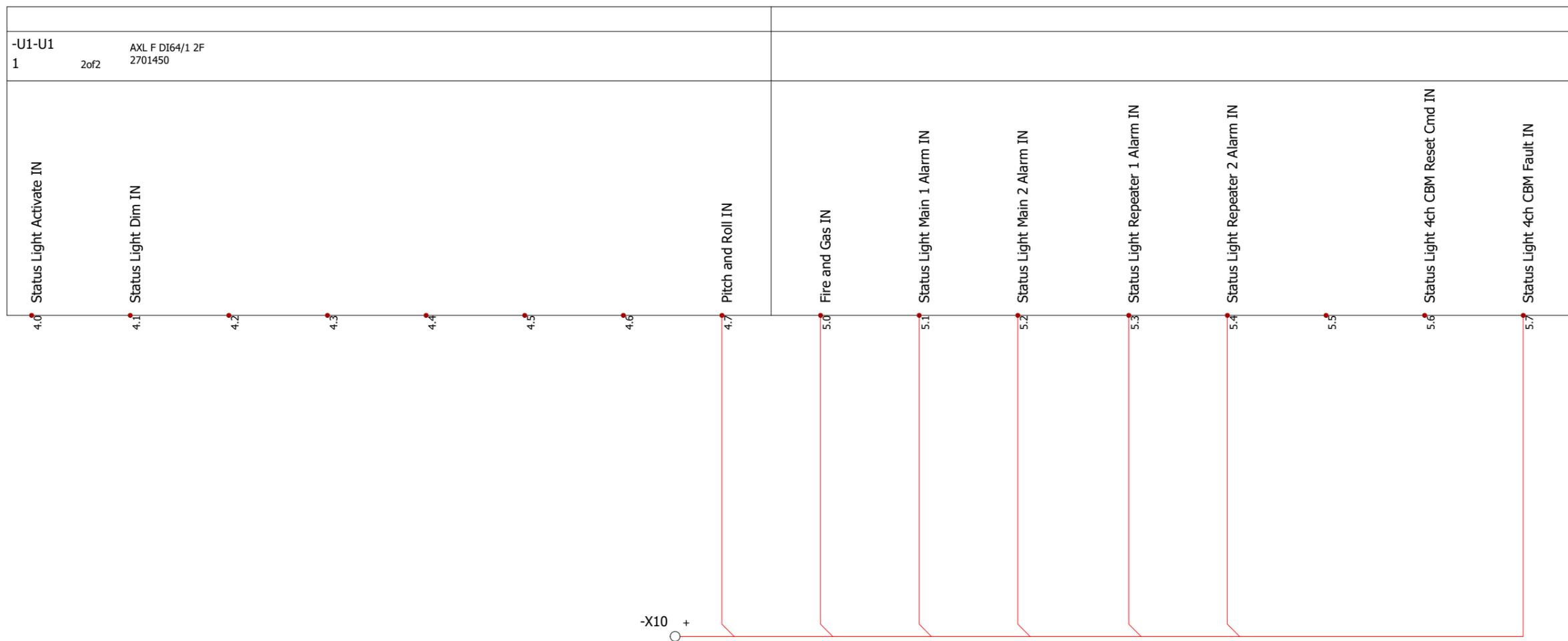


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 PLC Outputs 1 & 2



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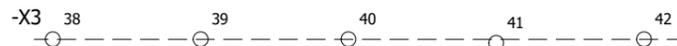
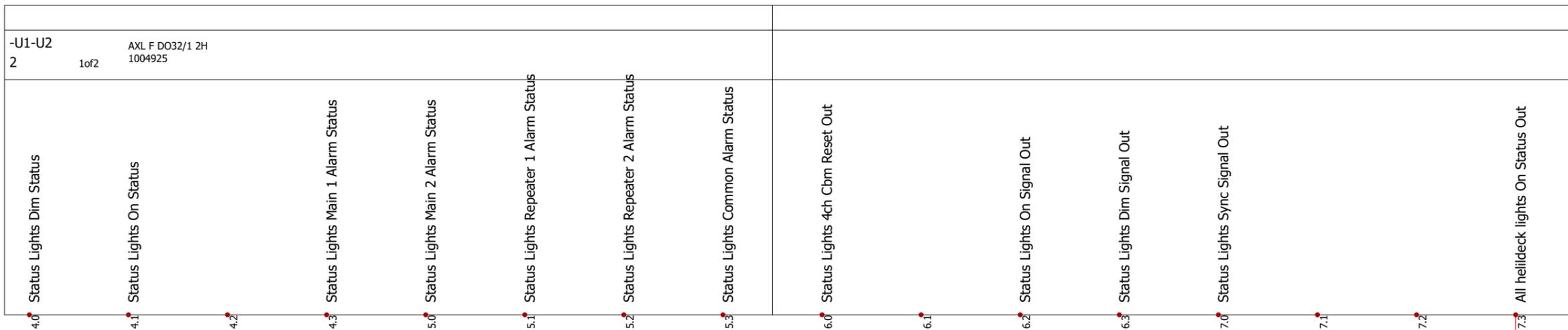
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PLC Inputs 5 & 6



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PLC Outputs 3 & 4



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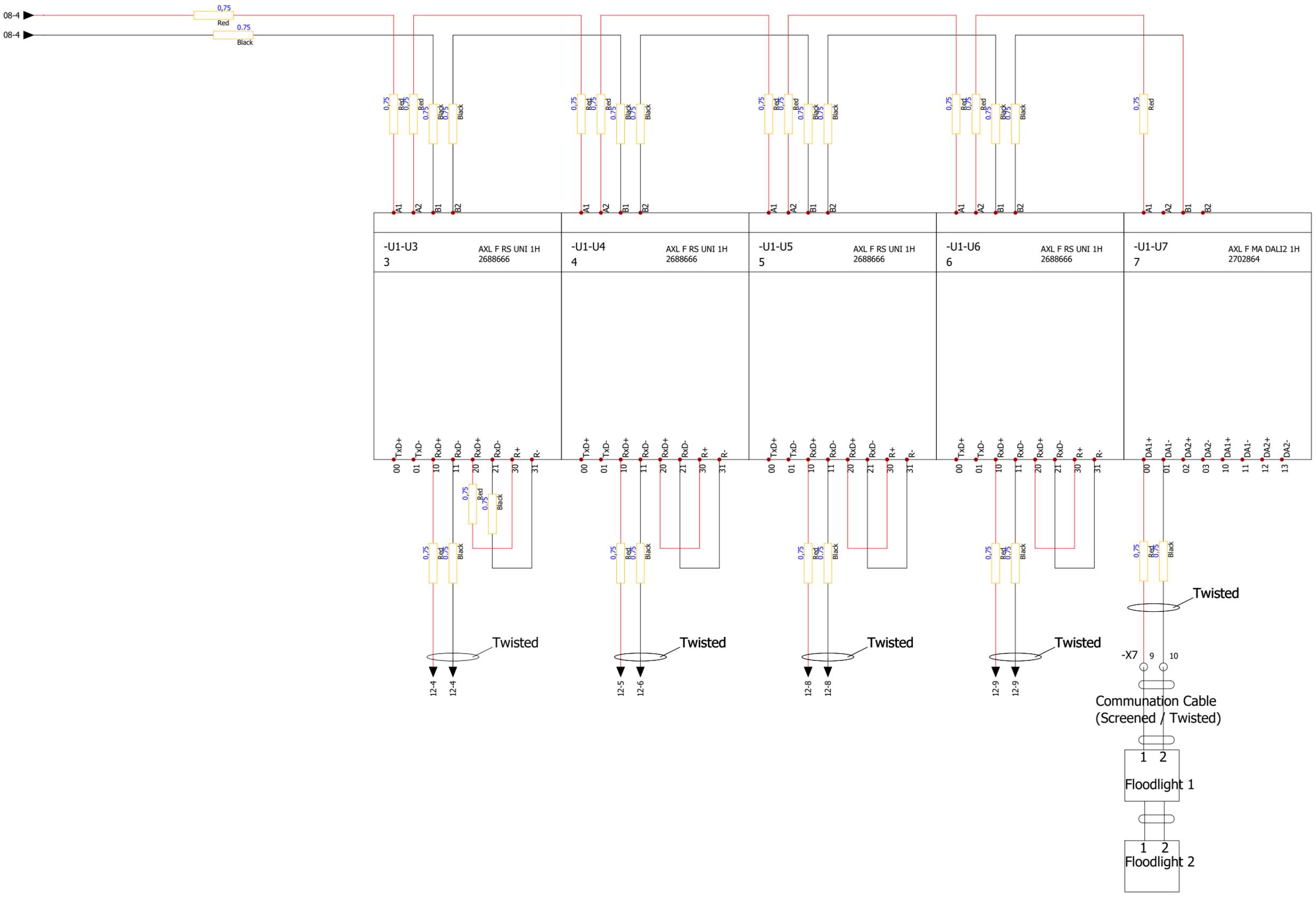
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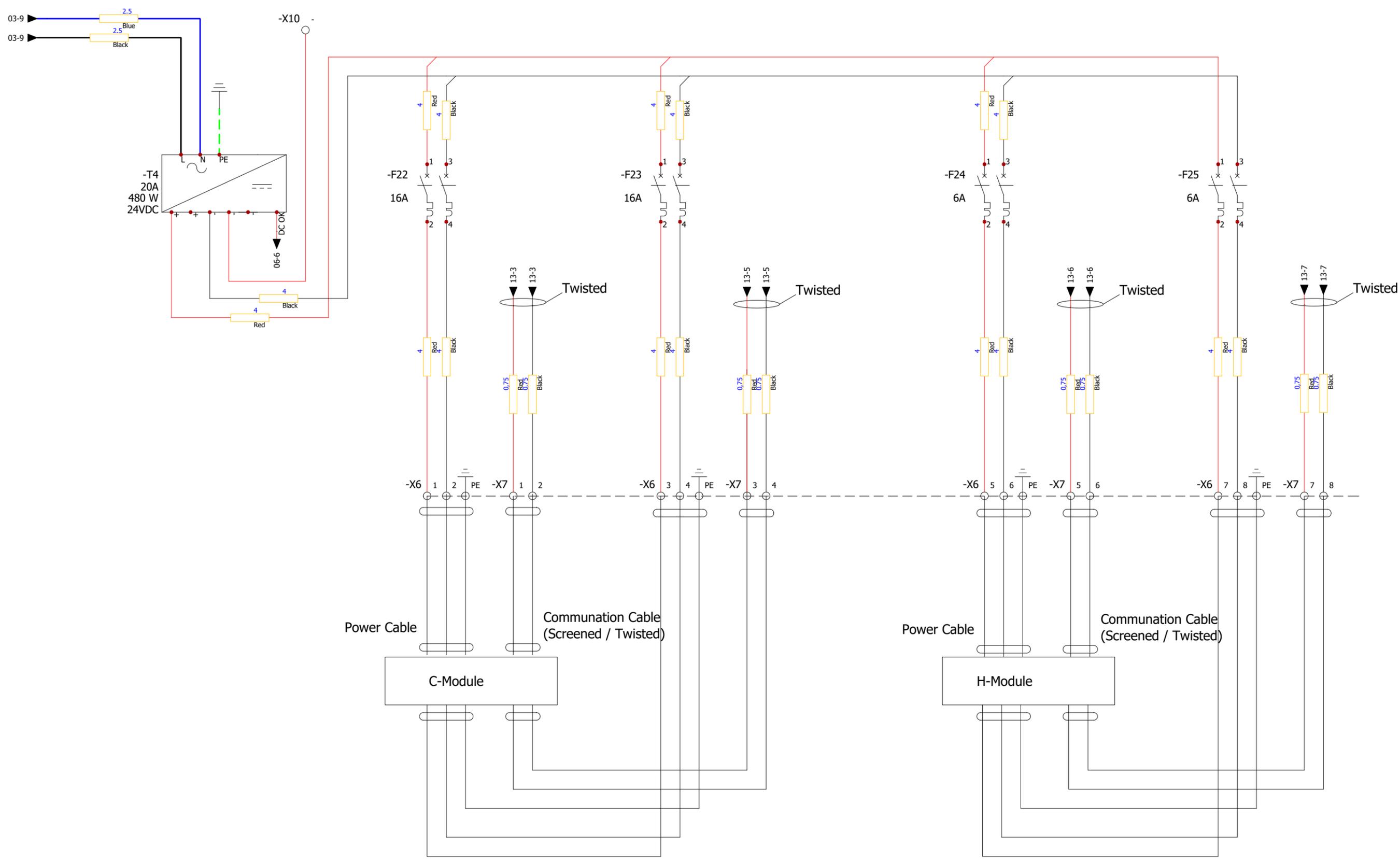
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 PLC Serial Communication Modules



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 CircleH Power & Serial comm



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Beijer

Reference	Mark	Description	Quantity
640000205	-U2	Beijer HMI Panel X2 Pro 12	1

Phoenix Contact

Reference	Mark	Description	Quantity
1004925	-U1-U2	AXL F DO32/1 2H	1
2404267	-U1	AXC F 2152 Controller	1
2688666	-U1-U3, -U1-U4, -U1-U5, -U1-U6	AXL F RS UNI 1H	4
2701450	-U1-U1	AXL F DI64/1 2F	1
2702864	-U1-U7	AXL F MA DALI2 1H	1
2866750	-T1, -T2	Phoenix Quint PSU 1AC 24DC 5A	2
2866776	-T4	Phoenix Quint PSU 1AC 24DC 20A	1
3030417	-X3-1, -X3-2, -X4-3, -X4-5, -X4-7, -X4-9, -X4-11, -X3-42, -X3-43	End cover D-ST 2,5	9
3030420	-X2-2, -X2-4, -X2-10, -X2-12, -X2-14, -X2-16	End cover D-ST 4	6
3030433	-X1-2, -X1-4	End cover D-ST 6	2
3030514	-X10--, -X10++	End cover D-ST 2,5-QUATTRO	2
3031212	-X7-1, -X4-1, -X3-1, -X3-2, -X4-2, -X7-2, -X3-3, -X7-3, -X4-3, -X4-4, -X7-4, -X3-4, -X3-5, -X7-5, -X4-5, -X4-6, -X7-6, -X3-6, -X3-7, -X7-7, -X4-7, -X4-8, -X7-8, -X3-8, -X3-9, -X4-9, -X4-10, -X3-10, -X3-11, -X4-11, -X3-12, -X3-13, -X3-24, -X3-25, -X3-26, -X3-27, -X3-28, -X3-29, -X3-30, -X3-31, -X3-32, -X3-33, -X3-34, -X3-36, -X3-37, -X3-38, -X3-39, -X3-40, -X3-41, -X3-42, -X3-43, -X3-44	Feed-through terminal block ST 2,5	54
3031364	-X2-1, -X2-2, -X2-3, -X2-4, -X2-5, -X2-6, -X2-7, -X2-8, -X2-9, -X2-10, -X2-11, -X2-12, -X2-13, -X2-14, -X2-15, -X2-16	Feed-through terminal block ST 4	16
3031380	-X2-PE	Ground terminal block ST 4-PE	9
3031487	-X1-1, -X6-1, -X6-2, -X1-2, -X1-3, -X6-3, -X6-4, -X1-4, -X6-5, -X6-6, -X6-7, -X6-8	Feed-through terminal block ST 6	12
3031500	-X6-PE, -X1-PE	Ground terminal block ST 6-PE	7
3209578	-X10--, -X10++	Feed-through terminal block PT 2,5-QUATTRO	12

Rittal

Reference	Mark	Description	Quantity
VX 2500.300	-A1	Rittal LED system light 2500.300	1

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-> Rittal

Reference	Mark	Description	Quantity
VX 2500.500	+L1	Rittal Connection cable 2500.500	1
VX 2531.000	+L1	Rittal enclosure key 2531.000	1
VX 4116.000	+L1	Rittal wiring plan pocket for sheet steel for VX, TS, CM, SE, PC, TP pedestal	1
VX 8184.245	+L1	Rittal Side panel, screw-fastened, sheet steel for VX	1
VX 8618.306	+L1	Rittal lock insert 8618.306	1
VX 8618.430	+L1	Rittal Dørstopper VX 8618.430	1
VX 8640.002	+L1	Rittal Base/ plinth corner pieces with base/ plinth trim panels, front and rear, optimized design, 100 mm	1
VX 8640.031	+L1	Rittal Base/plinth trim panels, side, sheet steel, optimized design, 100 mm for base/plinth system VX, sheet steel	1
VX 8684.000	+L1	VX25 Basic Enclosure 8684.000	1

Schaffner

Reference	Mark	Description	Quantity
50229521	-U3	Schaffner, FN2060 16A 250 V ac 0 → 400Hz, Chassis Mount RFI Filter, Tab, Single Phase	1

Schneider Electric

Reference	Mark	Description	Quantity
A9A15310	-O1	DIN socket iPC - 2P+E - 16A - 250VAC	1
A9A19801	-F1, -F2, -F12	Acti9 iC60 RCBO - auxiliary contact - 1OF - AC/DC -A9A19801	3
A9A26924	-F4, -F5, -F6, -F7, -F8, -F9, -F10, -F11	Auxiliary contact iOF - 1 C/O - AC/DC	8
A9D47210	-F1, -F2, -F12	Acti9 iC60 RCBO - 2P - 10 A - B Curve - 10000A/15kA - 30 mA - SI type	3
A9F06206	-F4, -F5, -F6, -F7, -F8, -F9, -F10, -F11, -F24, -F25	Miniature circuit breaker iC60H - 2P - 6A - B curve	10
A9F06216	-F22, -F23	Miniature circuit breaker iC60H - 2P - 16A - B curve	2
A9F07202	-F13	Miniature circuit breaker iC60H - 2P - 2A - C curve	1
LC1D128BD	-K1, -K2	Kontaktor 25AC1 2N0/2NC 24DC	2

TE Connectivity

Reference	Mark	Description	Quantity
EM18	-K4, -K5, -K6, -K7, -K8, -K9, -K10, -K11, -R1, -R2, -R3, -R4	Protection diode, red LED, for RT78726//RT7872P	12
PT17016	-K4, -K5, -K6, -K7, -K8, -K9, -K10, -K11	Retainer for relay socket PT78720	8
PT17040	-K4, -K5, -K6, -K7, -K8, -K9, -K10, -K11	Marking tag for PT78720	8
PT78720	-K4, -K5, -K6, -K7, -K8, -K9, -K10, -K11	Relay Socket PT series 2C/O	8

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-> TE Connectivity

Reference	Mark	Description	Quantity
PT270024	-K4, -K5, -K6, -K7, -K8, -K9, -K10, -K11	RELE TE/SCHRACK PT270024 DPCO 12A 24VDC	8
RT17017	-R1, -R2, -R3, -R4	Retainer for relay socket RT78726/RT7872P	4
RT17040	-R1, -R2, -R3, -R4	Marking tag for RT78726/RT7872P	4
RT78726	-R1, -R2, -R3, -R4	Relay Socket RT series 2C/O	4
RT424024	-R1, -R2, -R3, -R4	RELE TE/SCHRACK RT424024 24VDC	4

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