

Remote Control Cabinet

Wärtsilä 9L20

System data

Operational voltage: 230V
Frequency: 50Hz
Control voltage: 24VDC
Main fuse: 10A

Cable types

Cable types	Area
230VAC	Brown 1,5mm ²
N	Blue 1,5mm ²
PE	Green/yellow 1,5mm ²
Others	Black 0,75mm ²



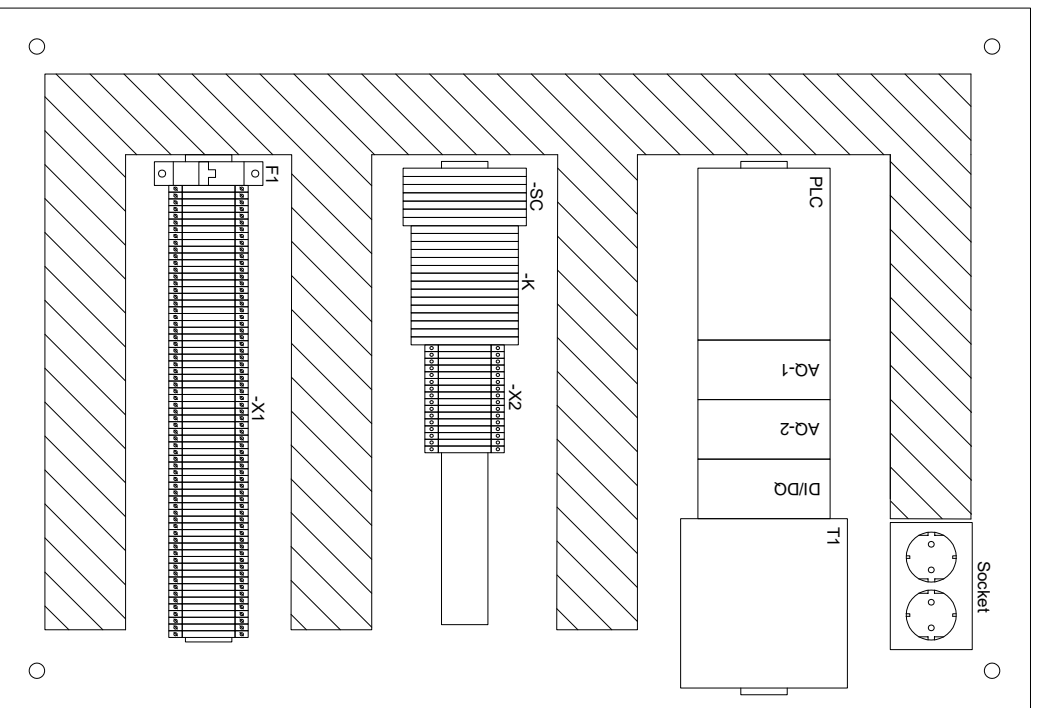
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Part	Pieces	Description	Manufacturers	Type
PLC	1	PLC	Siemens	S7-1215 DC/DC/DC
AQ-1,-2	2	Analoge Output Module	Siemens	SM 1232 AO
DI/DO	1	Digital I/O Module	Siemens	SM 1223 DI/DO
T1	1	Power Supply	Mean Well	DRP-240-24
SC	7	Signal Converter	Seneca	K121
-K	15	Relay	Wago	857-304
-X1	51	Terminal Block		
-X2	16	Terminal Block		
F1	1	Fuse	Hager	10A
Socket	1	Socket		

1 2 3 4 5 6 7 8 9 10 11

G F E D C B A



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1 2 3 4 5 6 7 8 9 10 11

X1-28 +24VDC from Wärtsilä Main cabinet

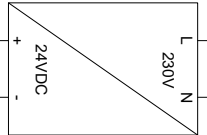
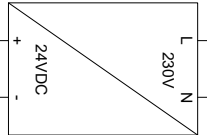
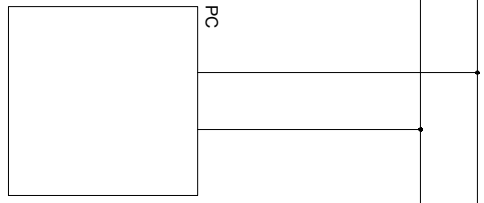
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X1-35 0VDC from Wärtsilä Main cabinet

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L F1 10A

N



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G	1	2	3	4	5	6	7	8	9	10	11	G
F	1	2	3	4	5	6	7	8	9	10	11	F
E	1	2	3	4	5	6	7	8	9	10	11	E
D	1	2	3	4	5	6	7	8	9	10	11	D
C	1	2	3	4	5	6	7	8	9	10	11	C
B	1	2	3	4	5	6	7	8	9	10	11	B
A	1	2	3	4	5	6	7	8	9	10	11	A
G	1	2	3	4	5	6	7	8	9	10	11	G



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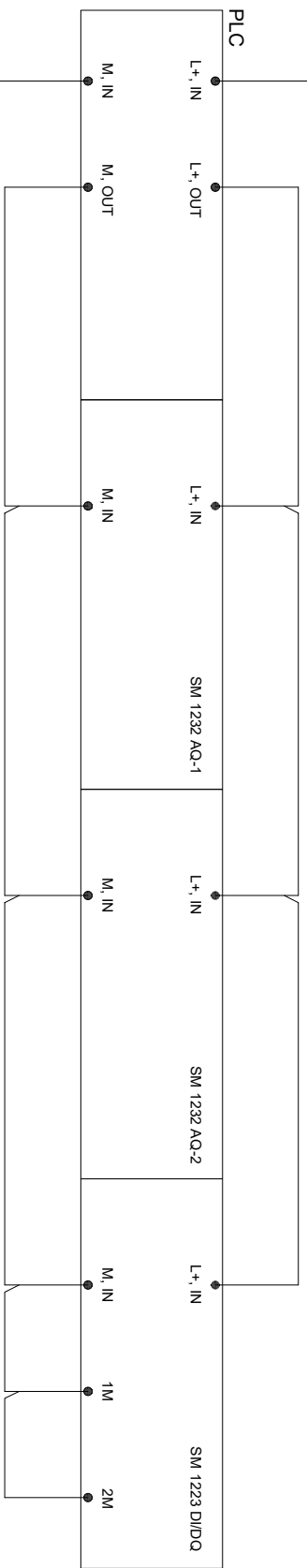
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page 9/1E 0VDC

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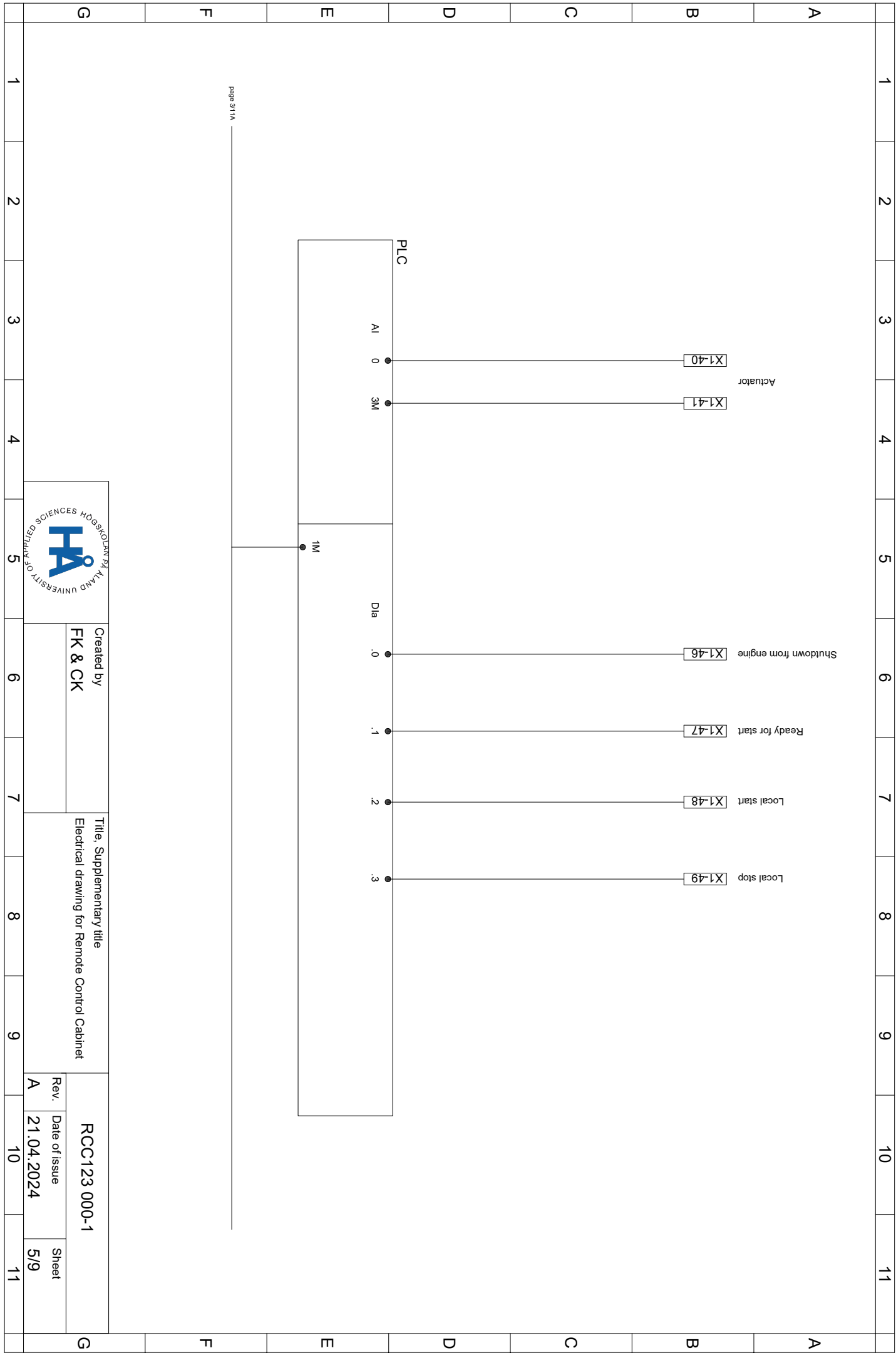
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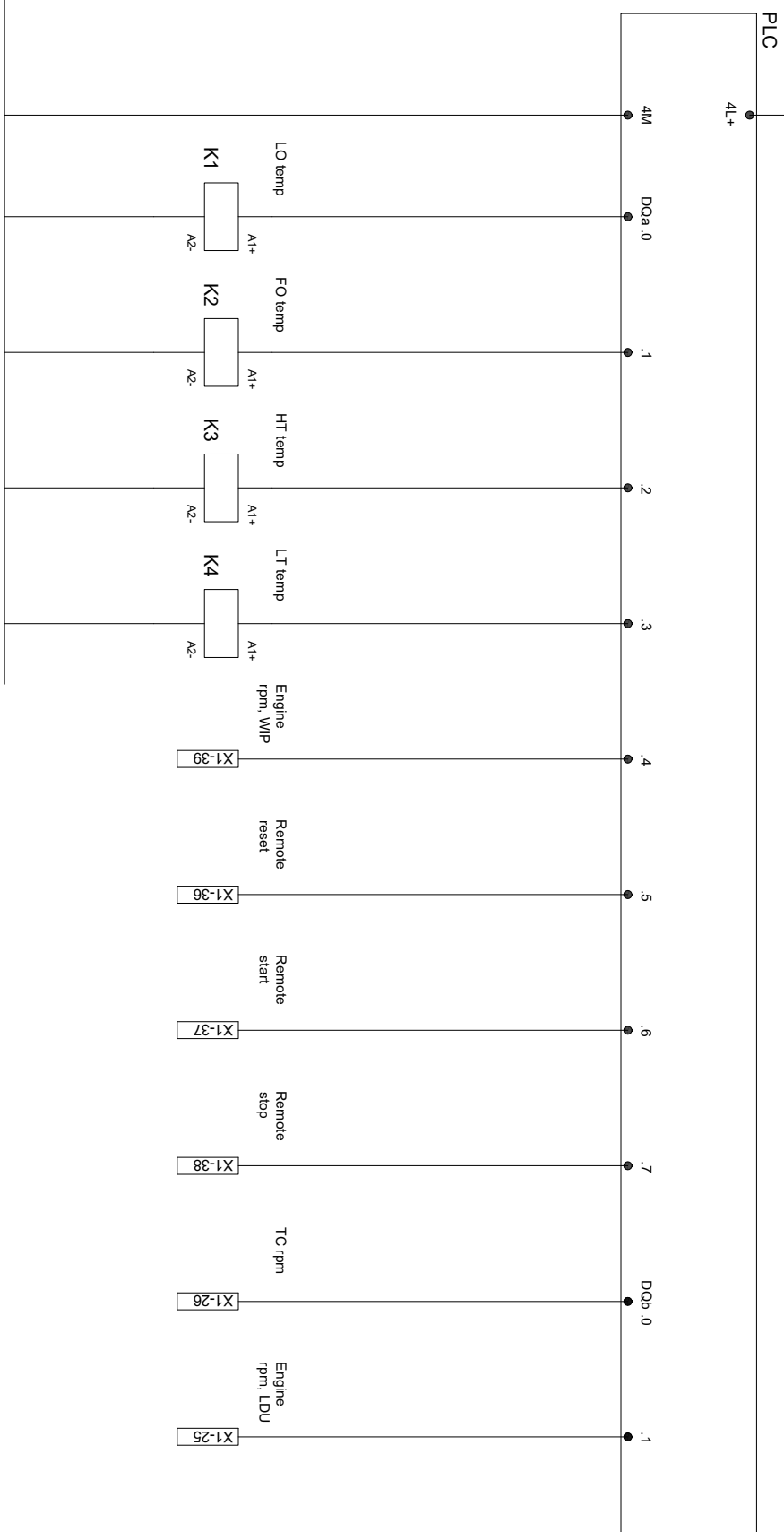
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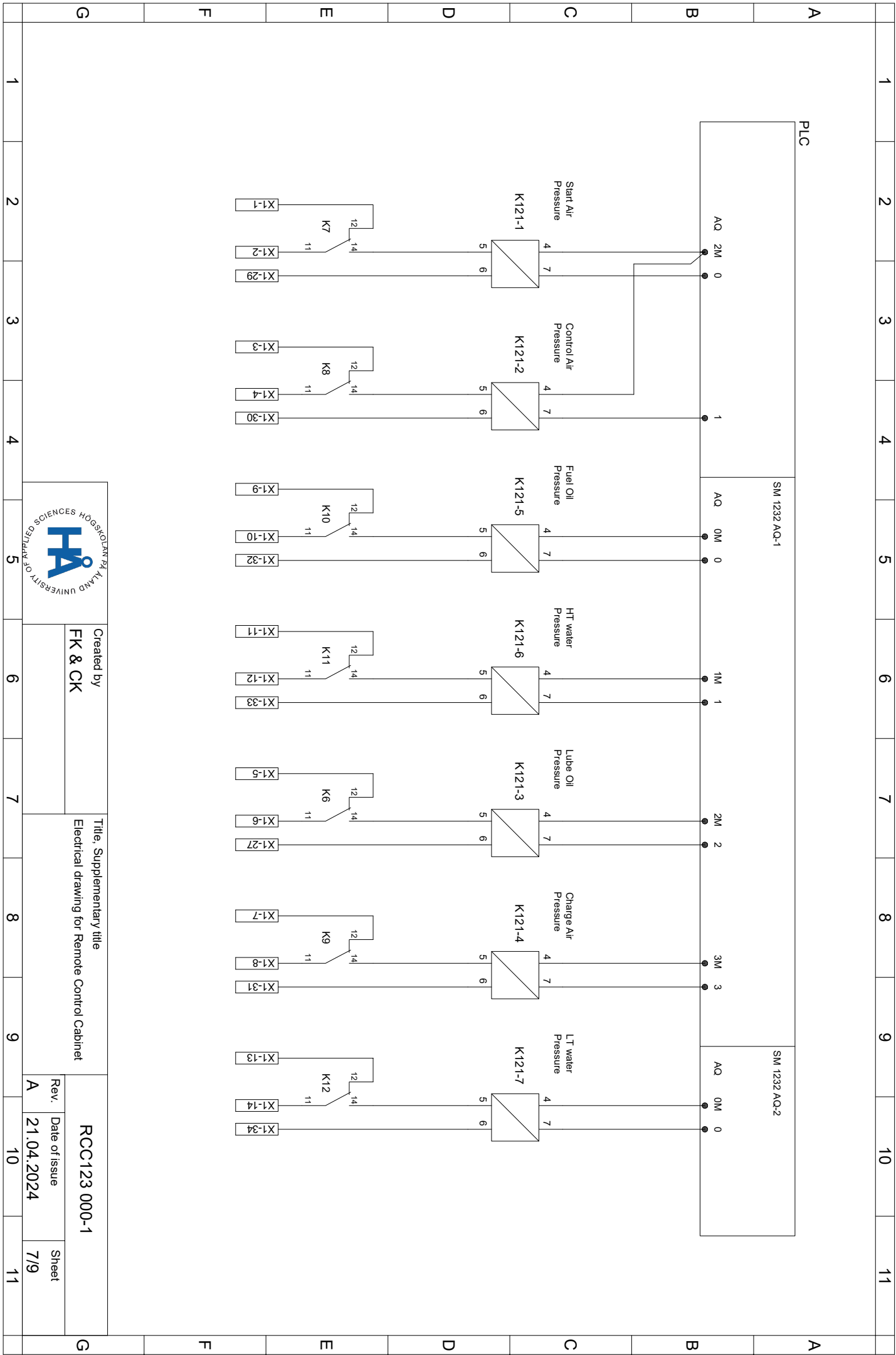


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G

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G

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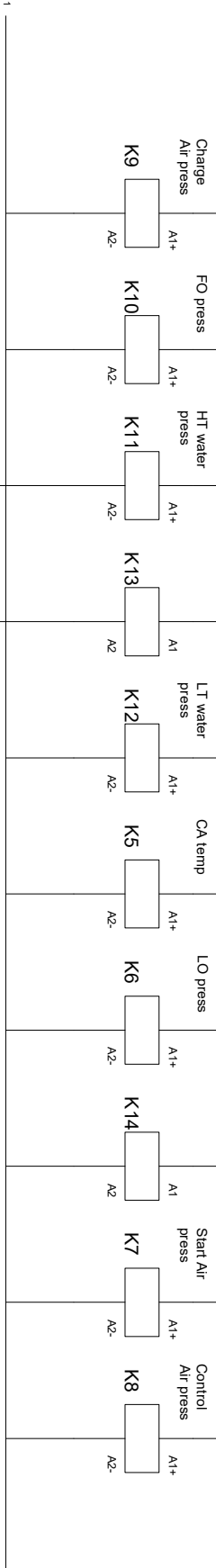
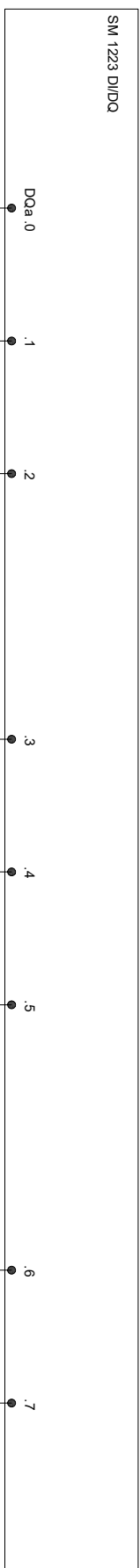
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PLC

SM 1223 DI/DO



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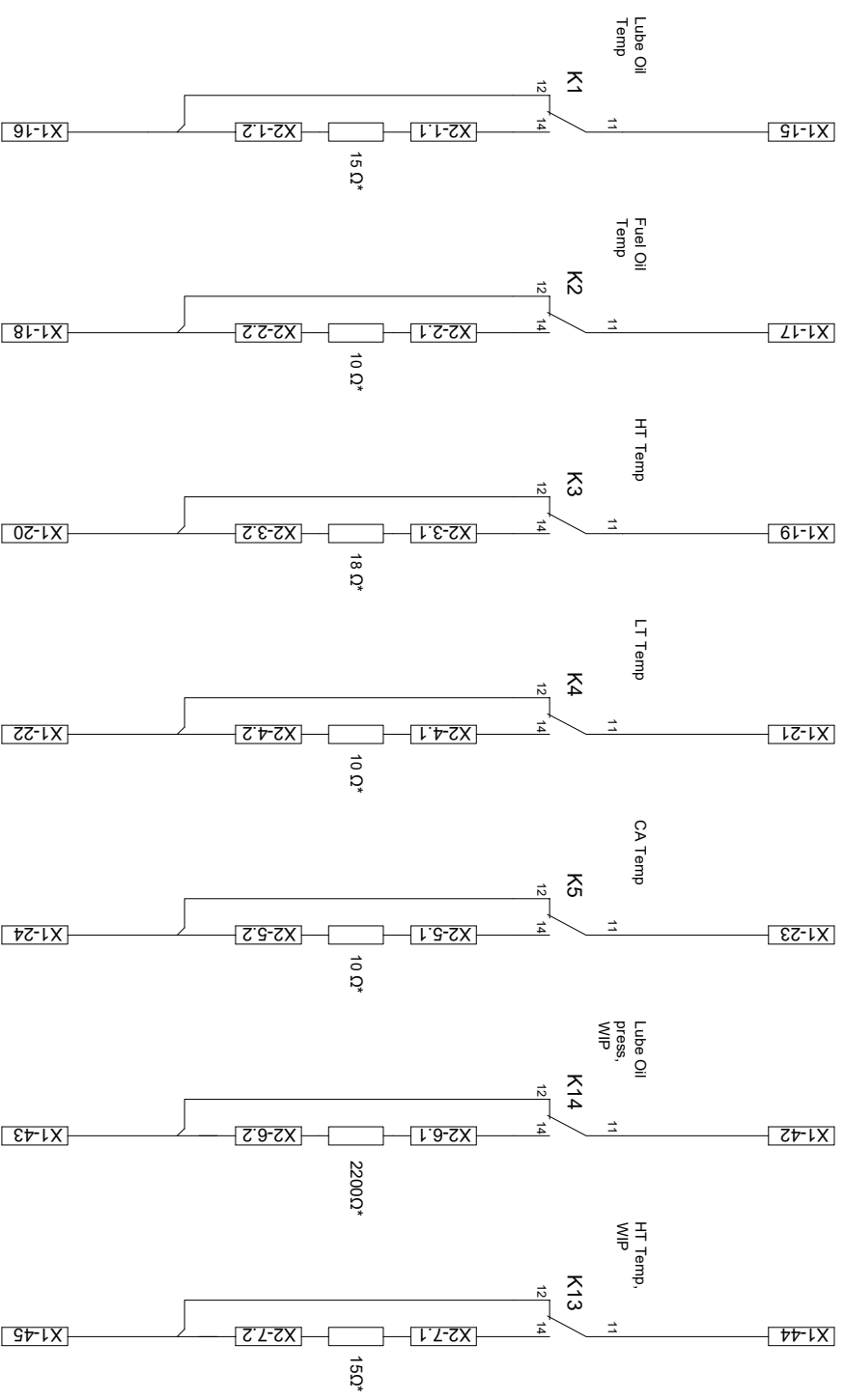
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* Resistance inside X2 terminal



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