

Description : Wiring diagram FlexPak
Part no. : 2192356
Drawing no. : 2192843
Sales part no. :

AB Ph. Nederman & Co

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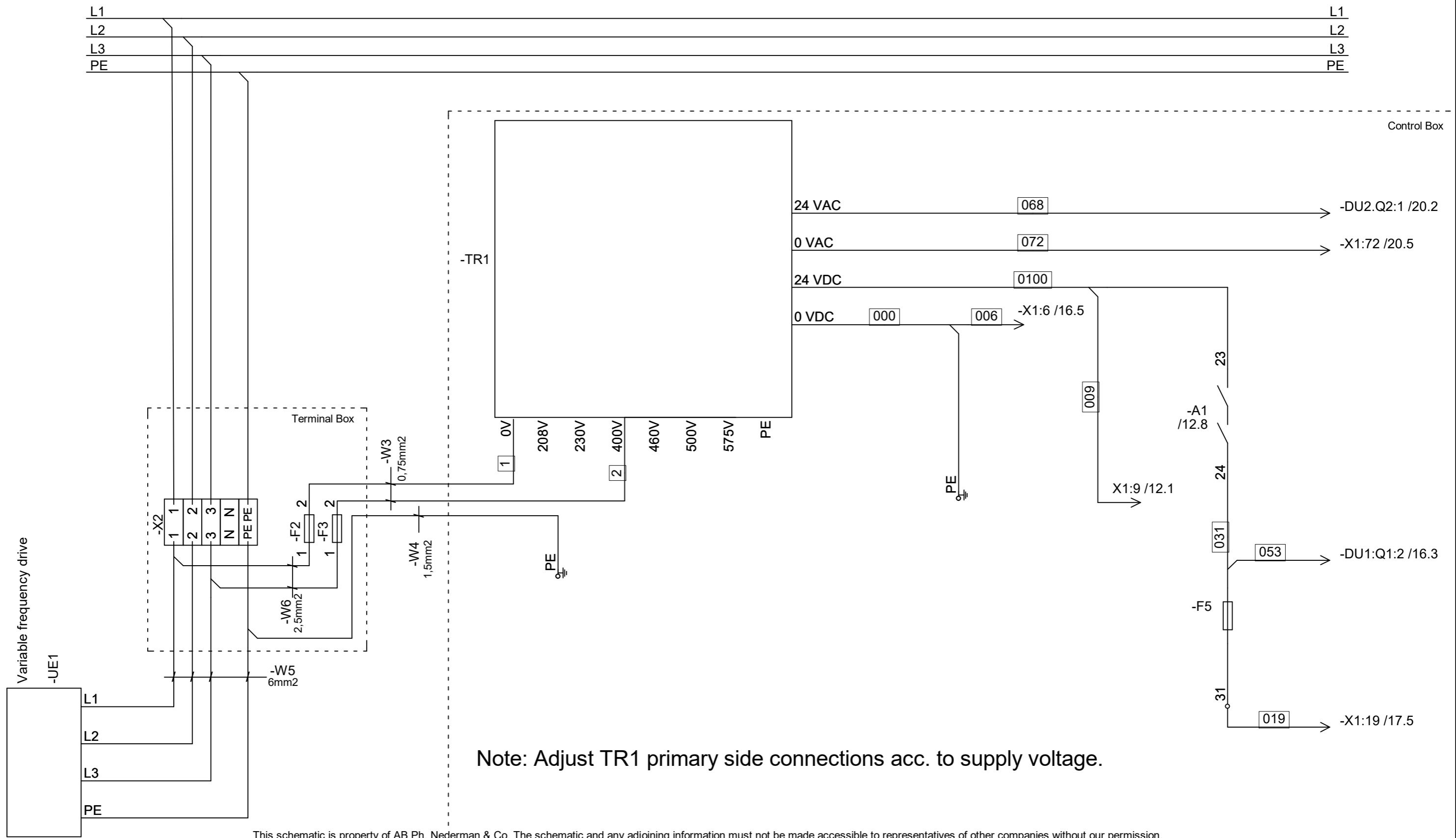
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Note: Adjust TR1 primary side connections acc. to supply voltage.

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Power supply	Drawing no.	Page no.
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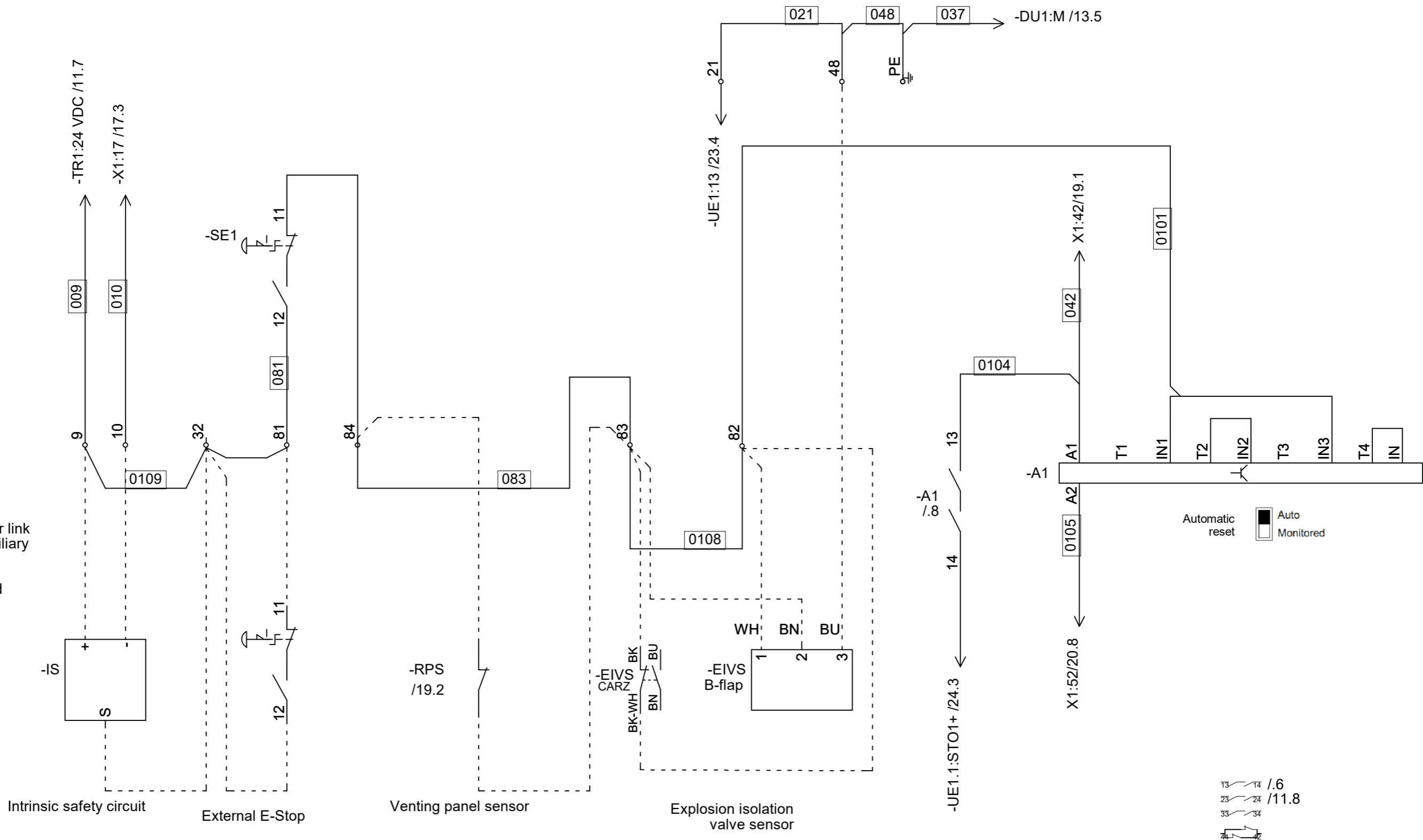
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Note: Remove jumper link when connecting auxiliary safety equipment. Auxiliary equipment connections indicated with dashed lines.



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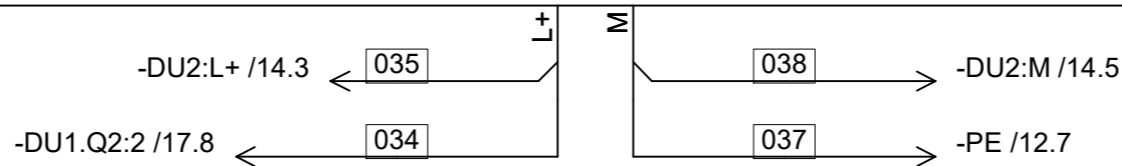
E-STOP circuit

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-DU1

I1 /18.5	Control filter pressure switch/sensor	DI1
I2 /18.7	Vibration sensor, motor	DI2
I3 /18.1	VFD fault	DI3
I4 /17.3	CAS / EIVS	DI4
I5 /18.3	Filter cleaning	DI5
I6 /18.2	E-Stop indication	DI6
I/AI7 /16.8	Pressure sensor duct/Main filter dP switch	DI7
I/AI8 /17.6	Vacuum level	DI8
Q1 /16.2	On/Off	Q1.1 Q1.2
Q2 /17.7	Run	Q2.1 Q2.2
Q3 /16.4	Clean	Q3.1 Q3.2
Q4 /17.8	Idling /VFD reset	Q4.1 Q4.2

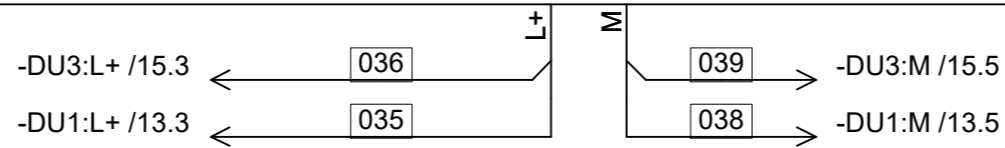


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-DU2

6ED1055-1NB10-0BA2

I1 /17.1	Pilot signal	D11
I2 /19.3	Fire alarm /	D12
I3 /19.4	Venting panel sensor (Configurable) Ext. St.By/Off	D13
I4 /19.6	OTTmr Bin level indicator	D14
I5 /19.1	Off/Stand by	D15
I6 /16.1	TVFD upper position sensor	D16
I7 /16.7	TVFD lower position sensor	D17
I8 /19.8	Man. empty / bag replacement switch	D18
Q1 /20.1	Flush valve 1	Q1.1 Q1.2
Q2 /20.3	Fan cooling valve, open	Q2.1 Q2.2
Q3 /20.4	Fan cooling valve, close	Q3.1 Q3.2
Q4 /20.7	AEB / TVFD lower valve	Q4.1 Q4.2
Q5 /21.1	TVFD upper valve	Q5.1 Q5.2
Q6 /21.4	Ext. Warning	Q6.1 Q6.2
Q7 /21.6	Ext. Alarm	Q7.1 Q7.2
Q8 /21.7	Flush valve 2	Q8.1 Q8.2



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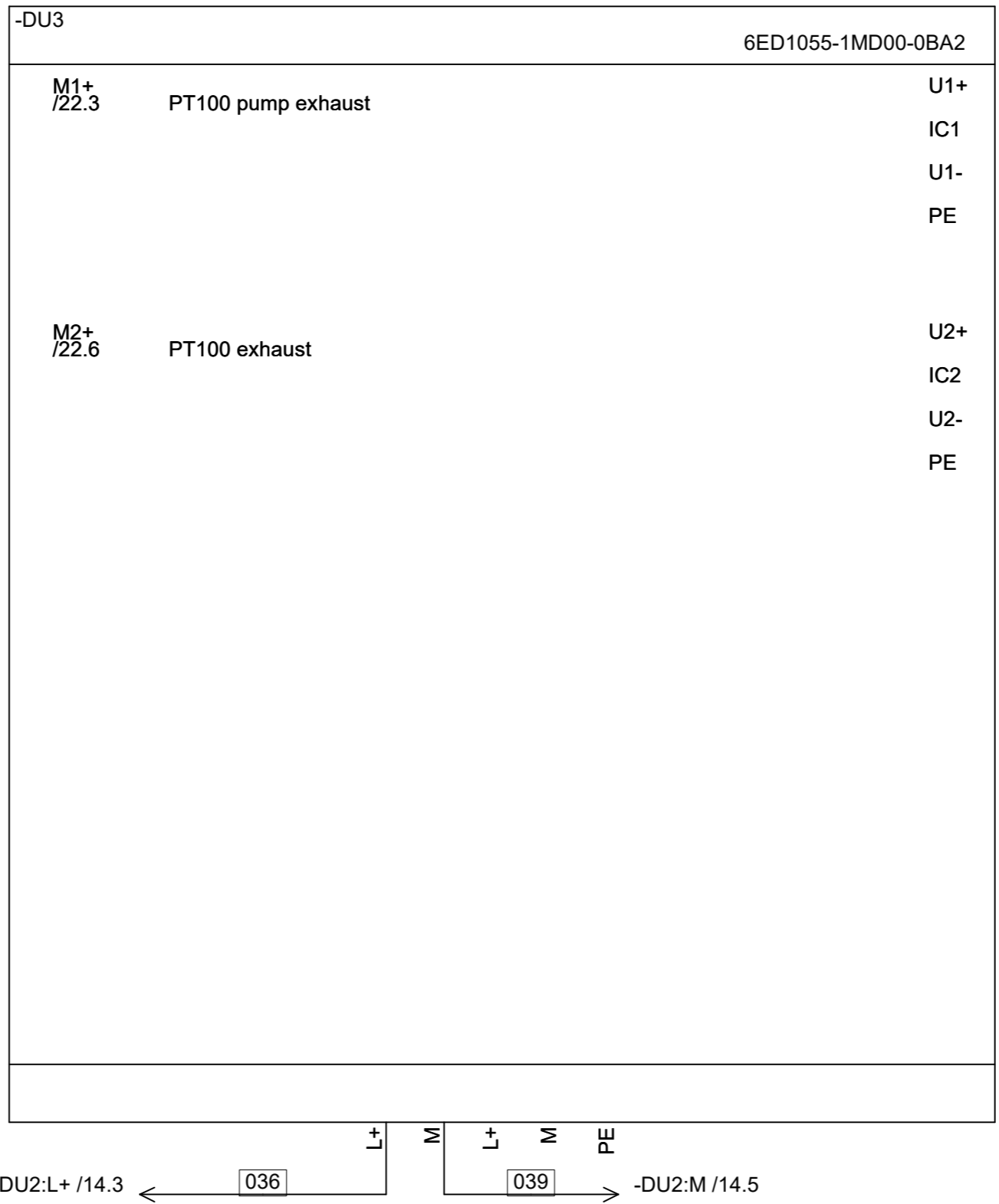
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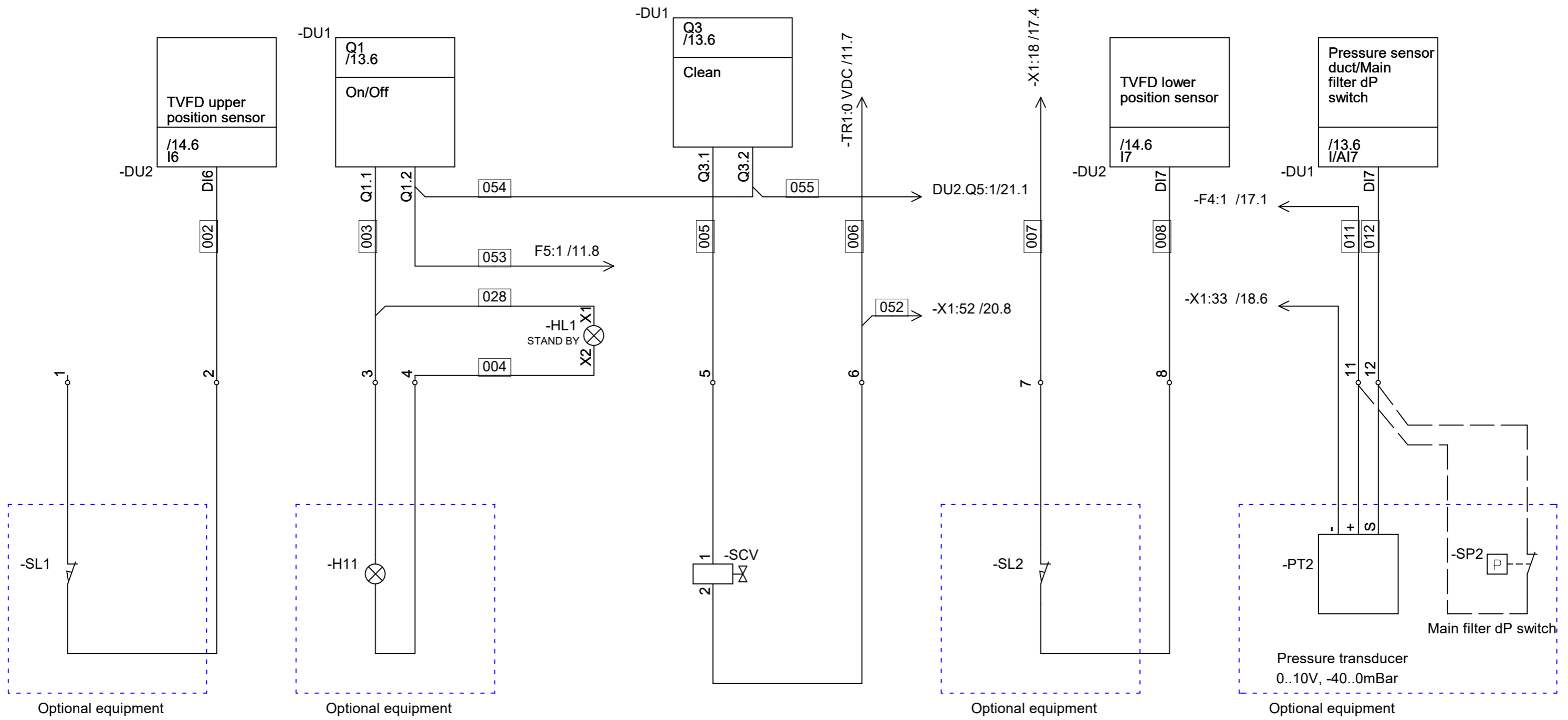
PLC reference DU2

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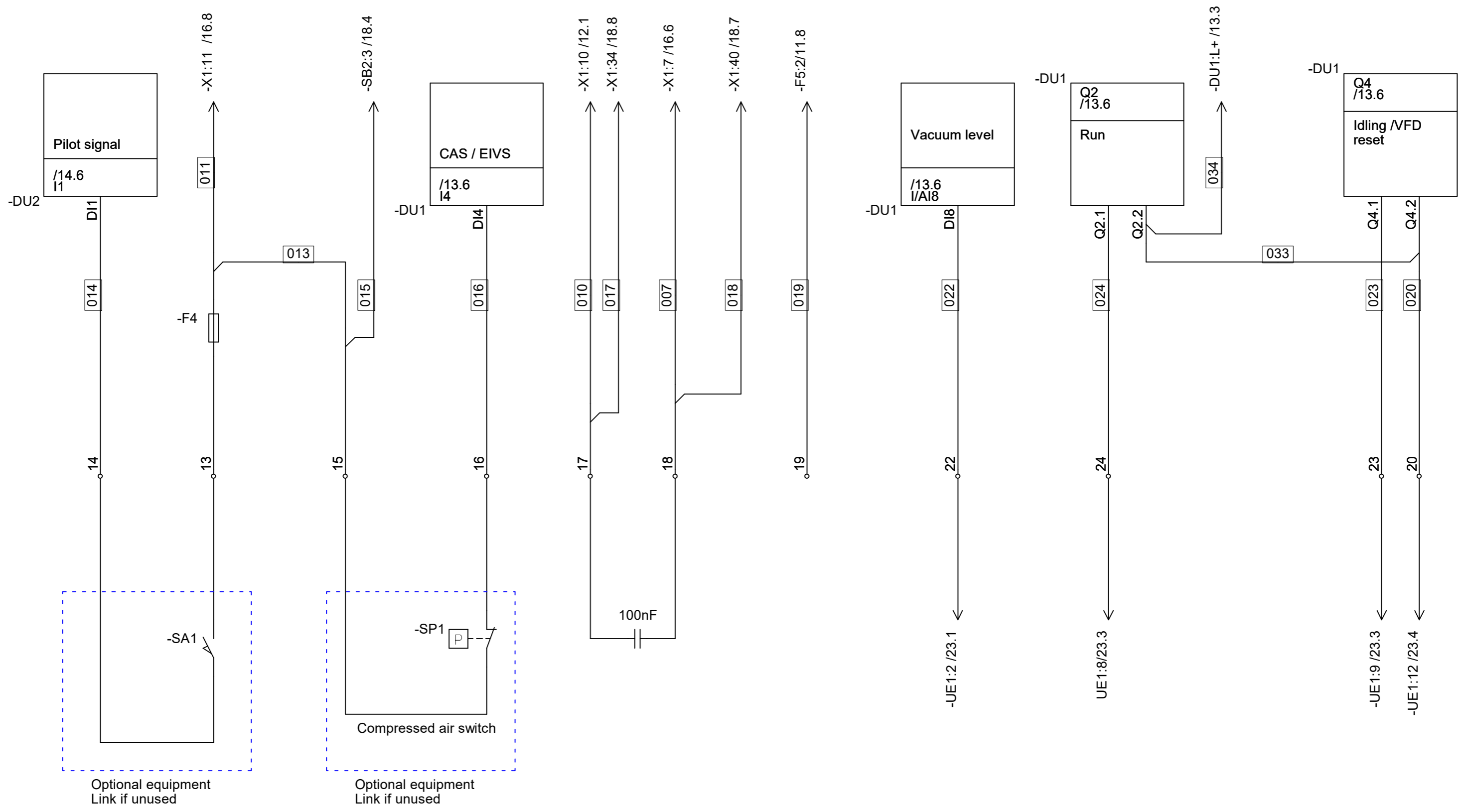
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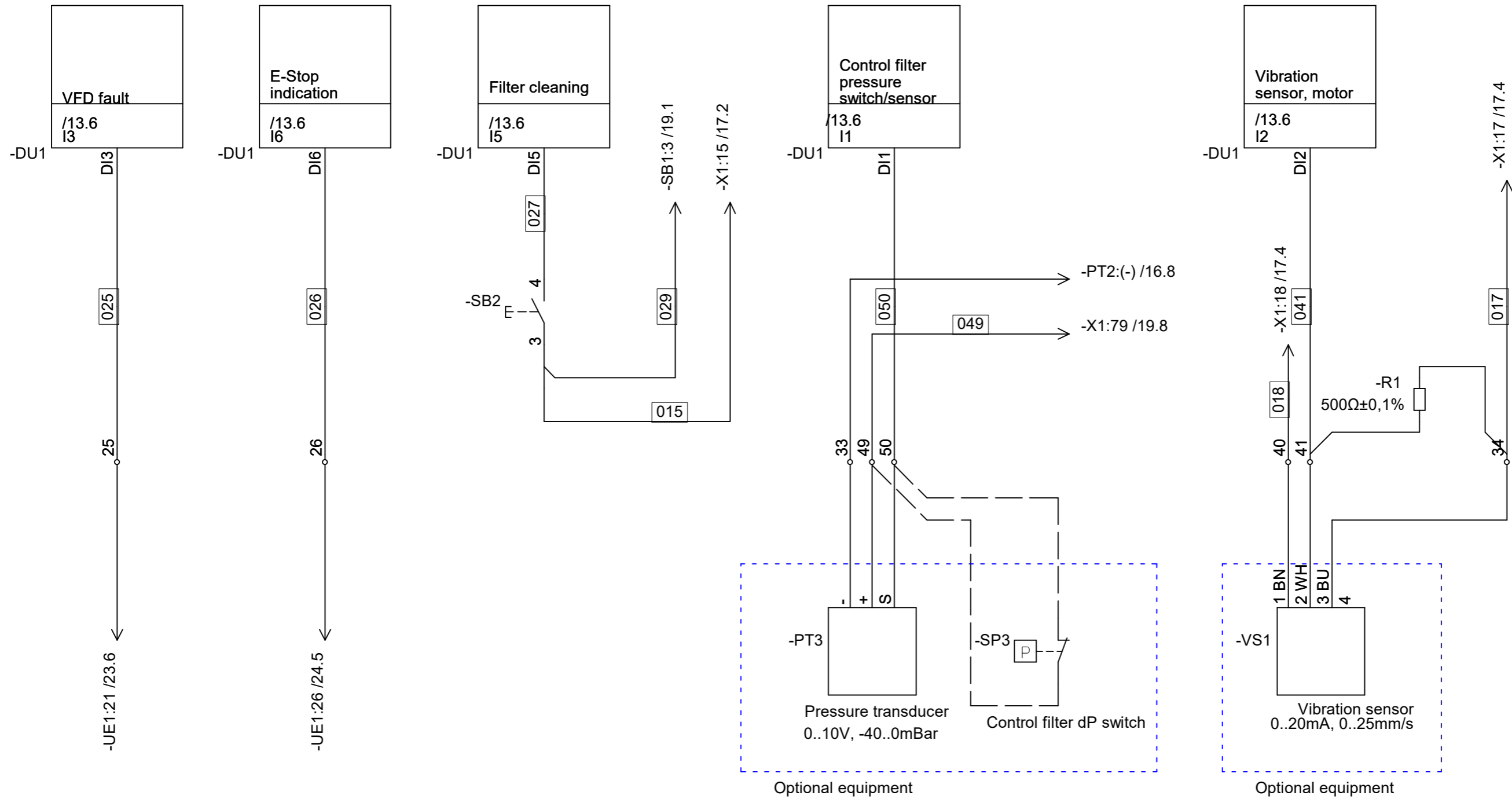
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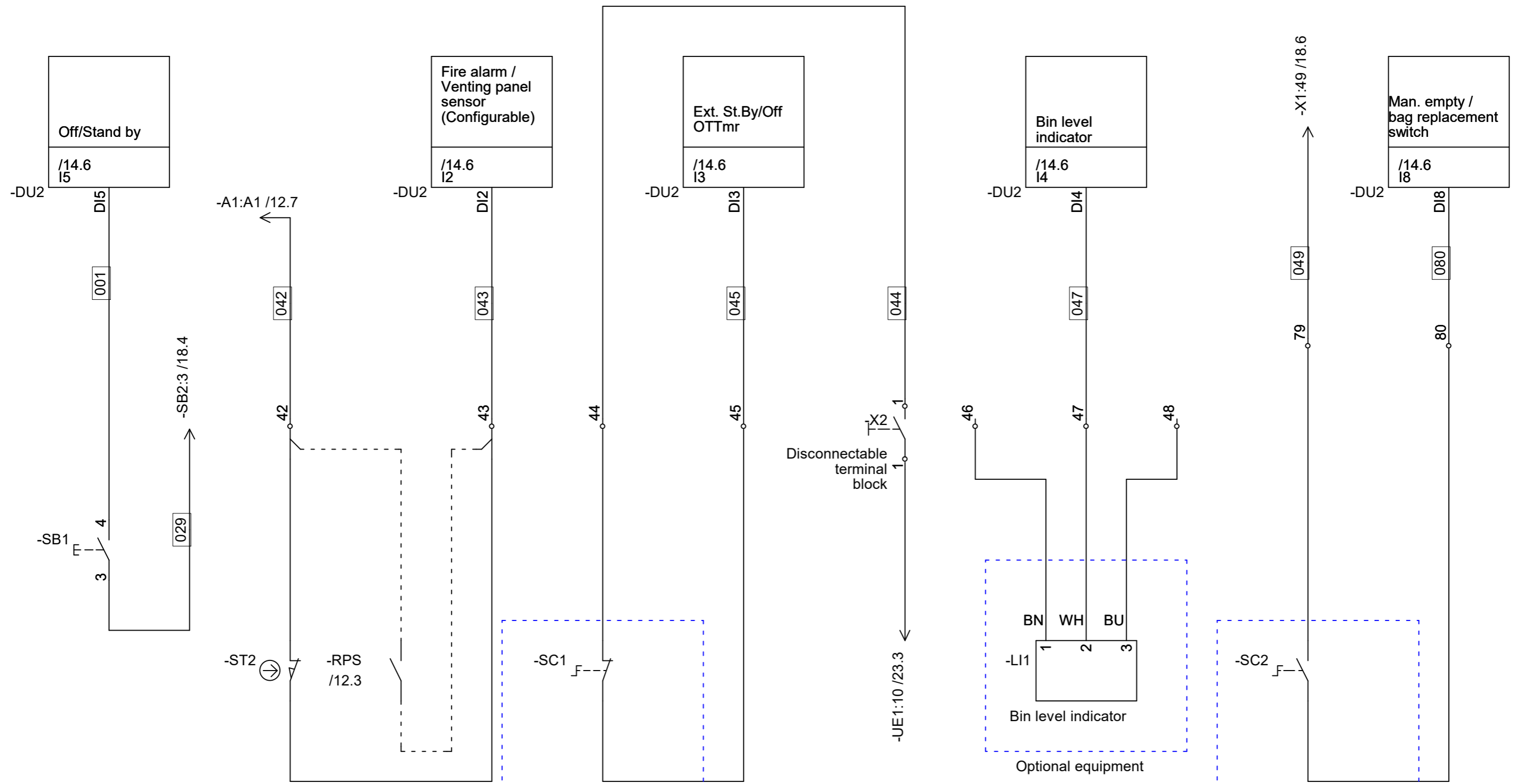
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Nederman

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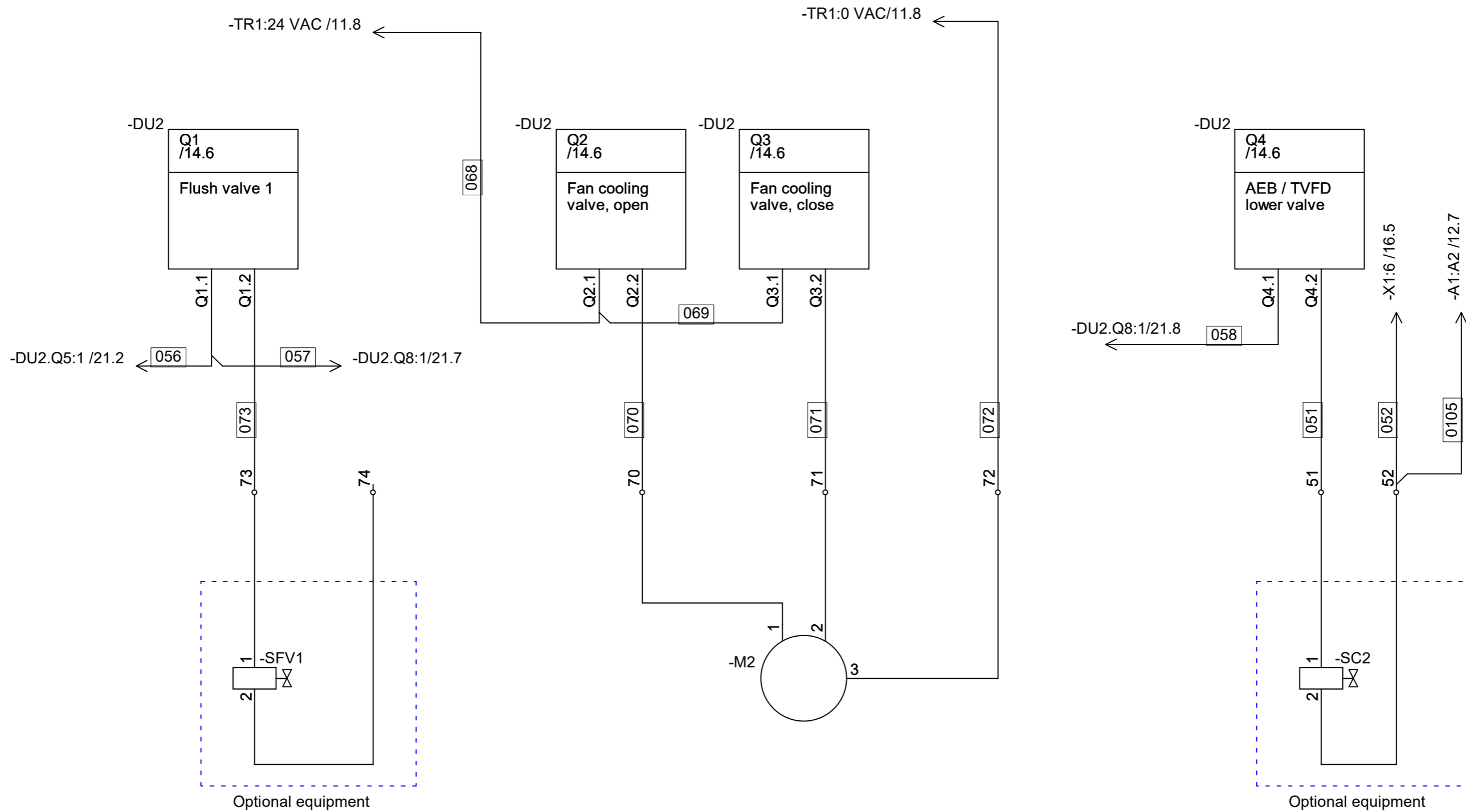
X2:1
 Closed circuit -> Vacuum setpoint 20 kPa
 Open circuit -> Vacuum setpoint 35 kPa
 *Exception 40050374 FLS: Closed circuit -> Vacuum setpoint 25 kPa

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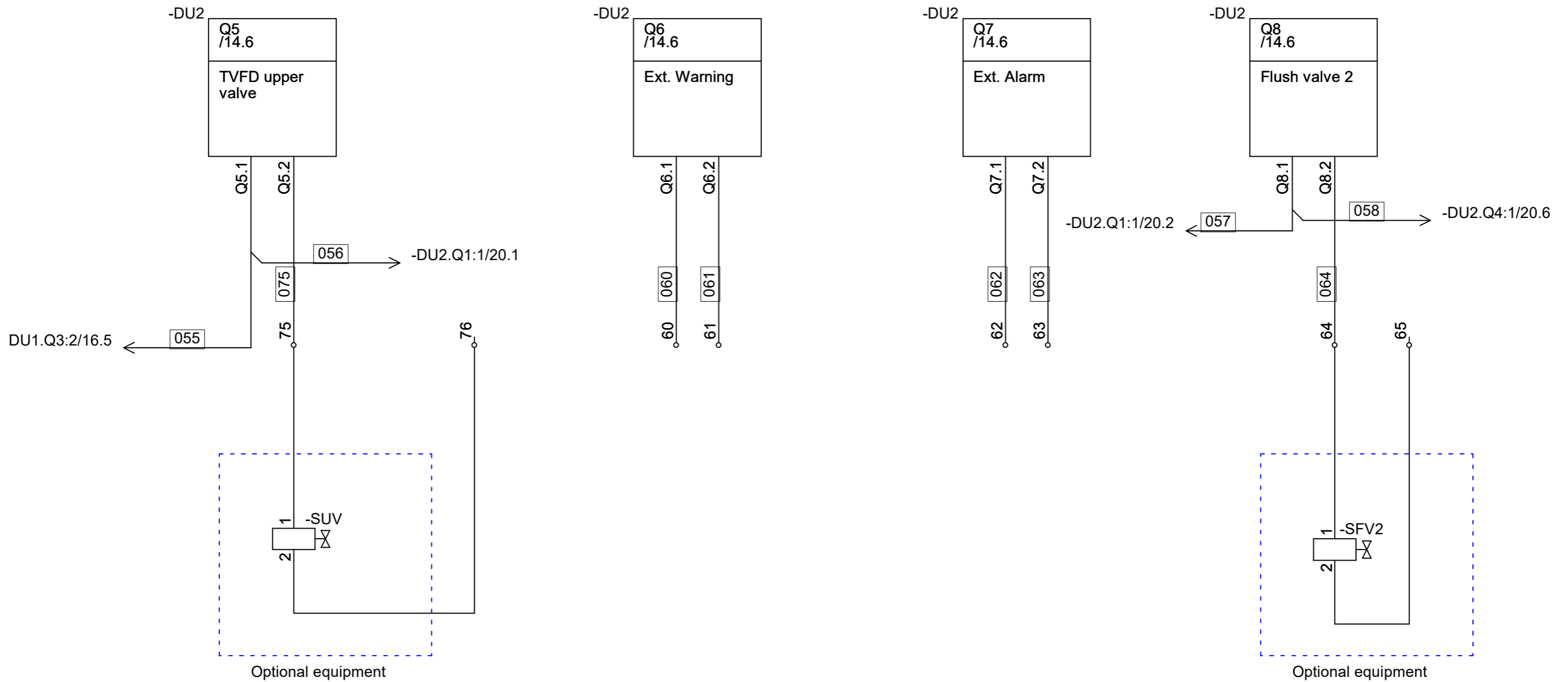
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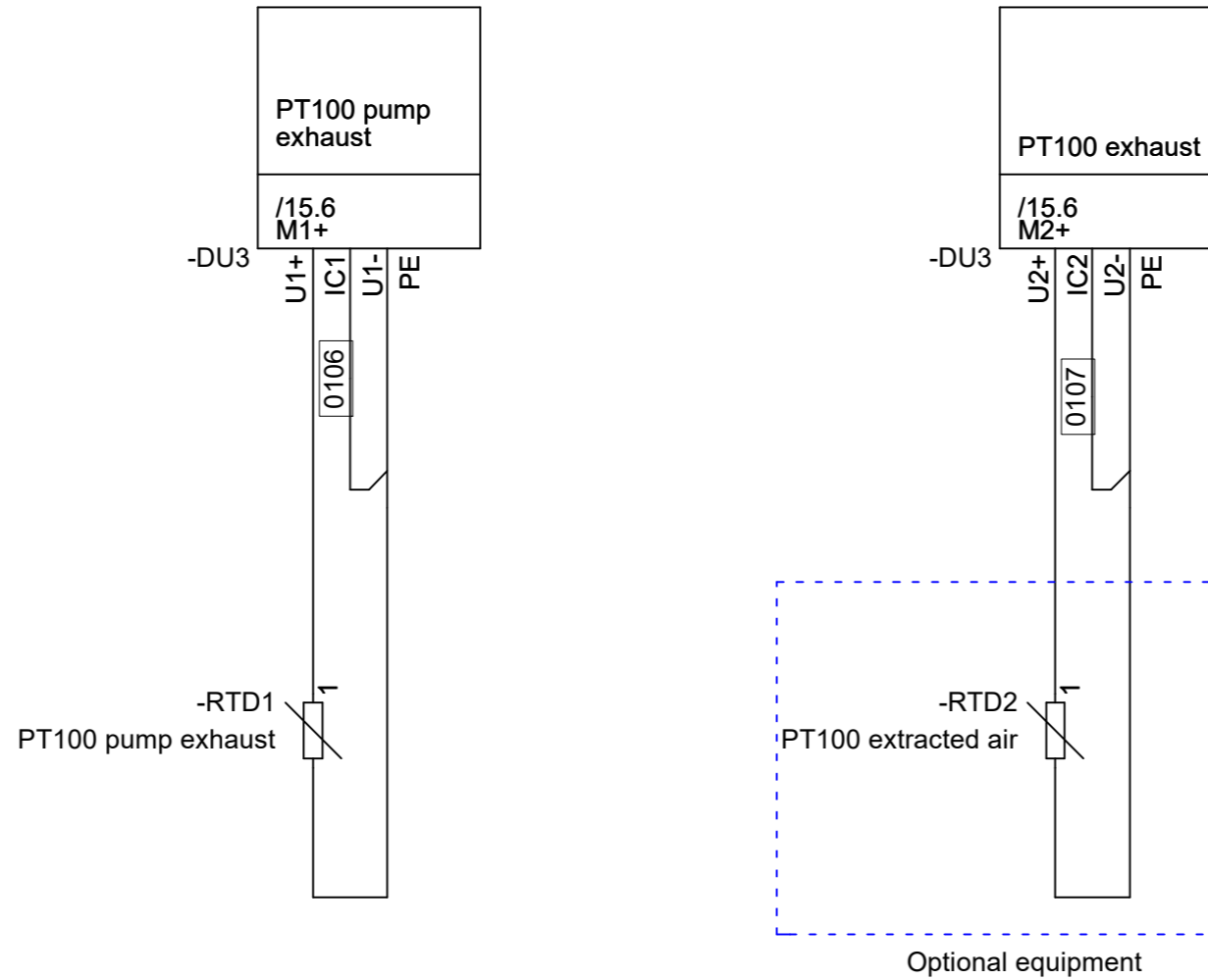
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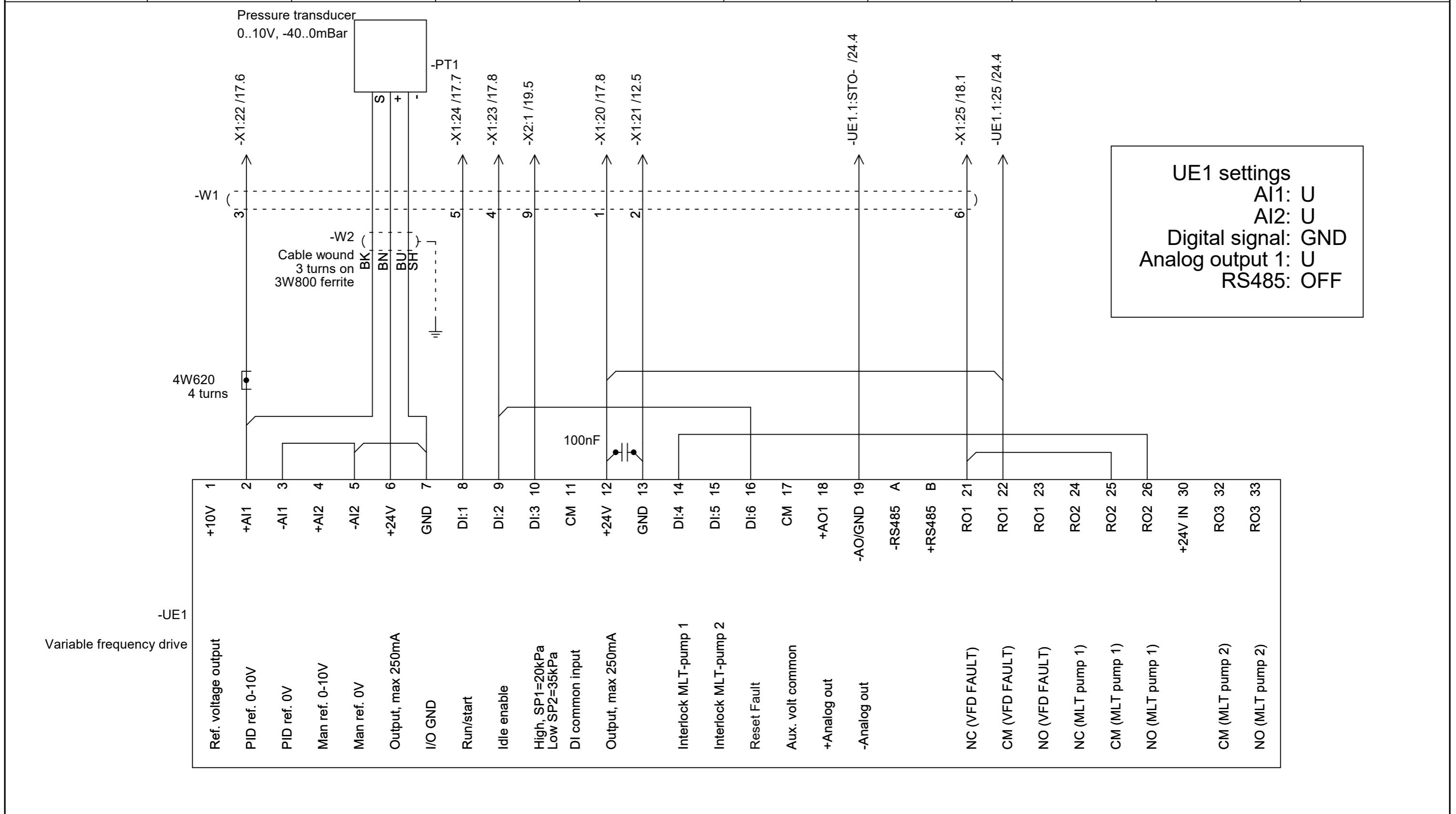
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Temperature measurement

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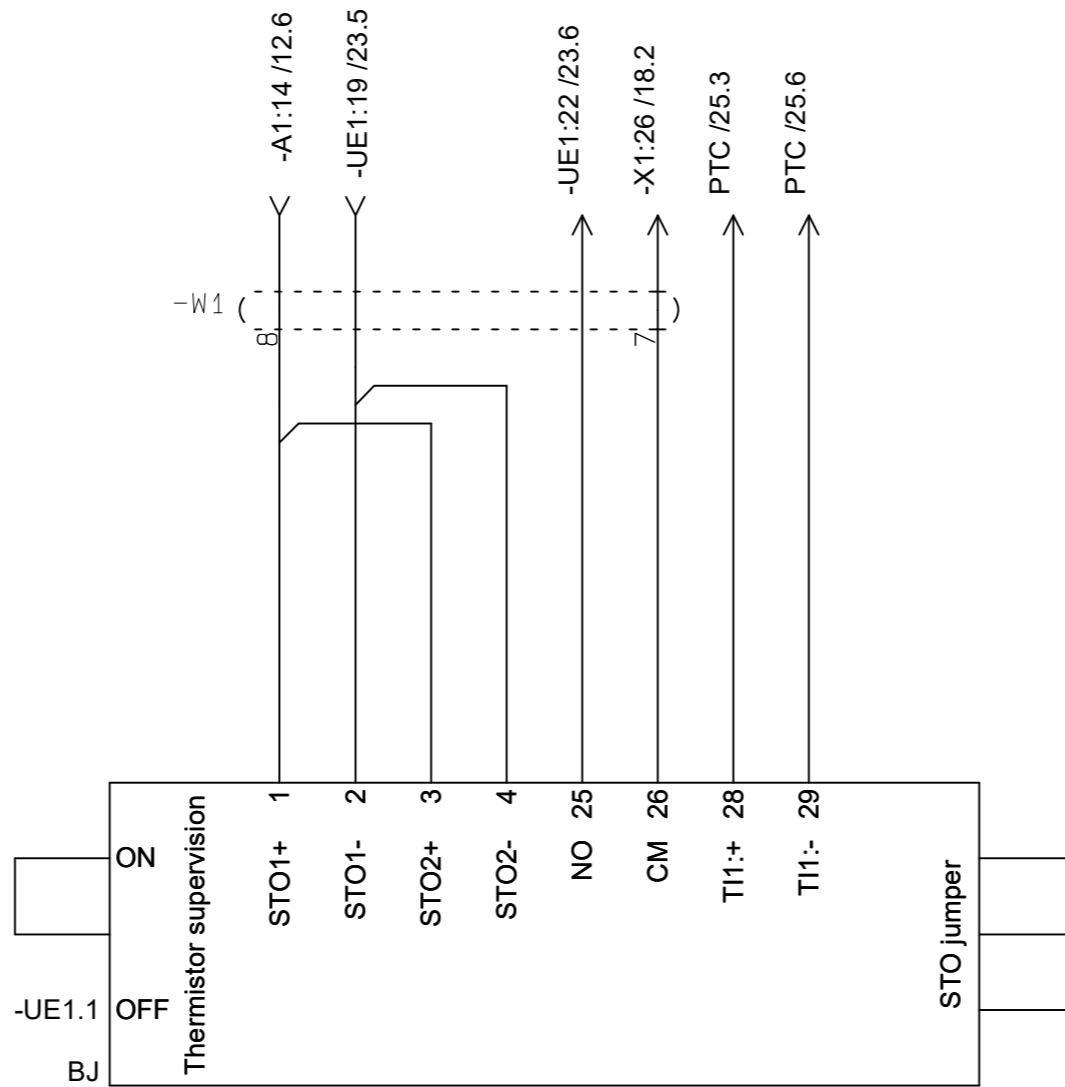
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VFD connections

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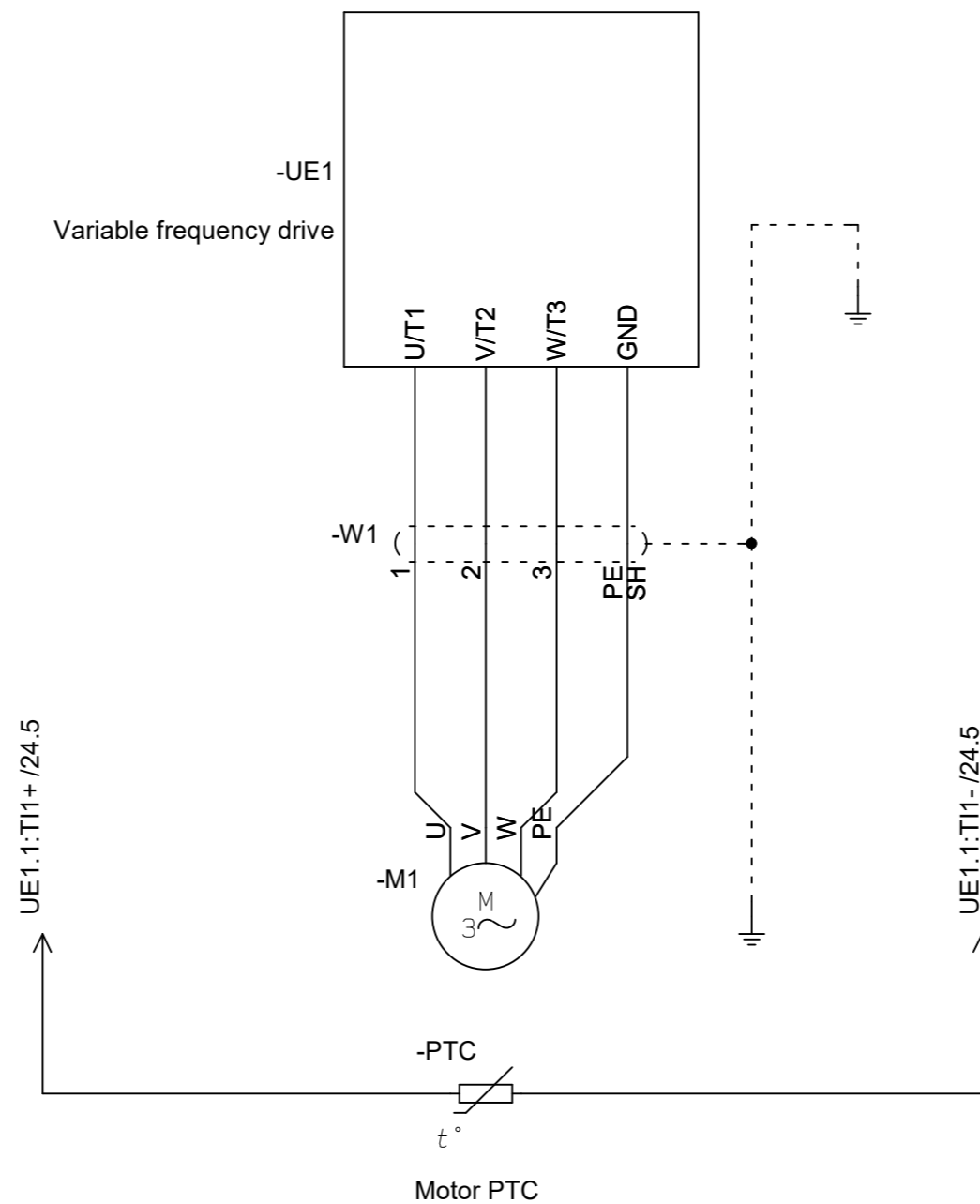
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VFD STO connections

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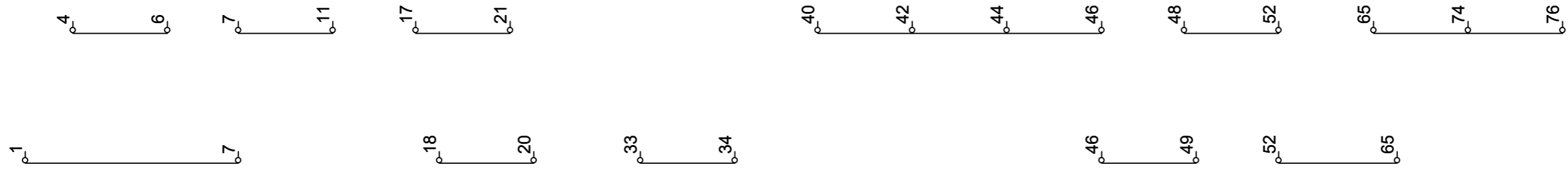
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Motor connections

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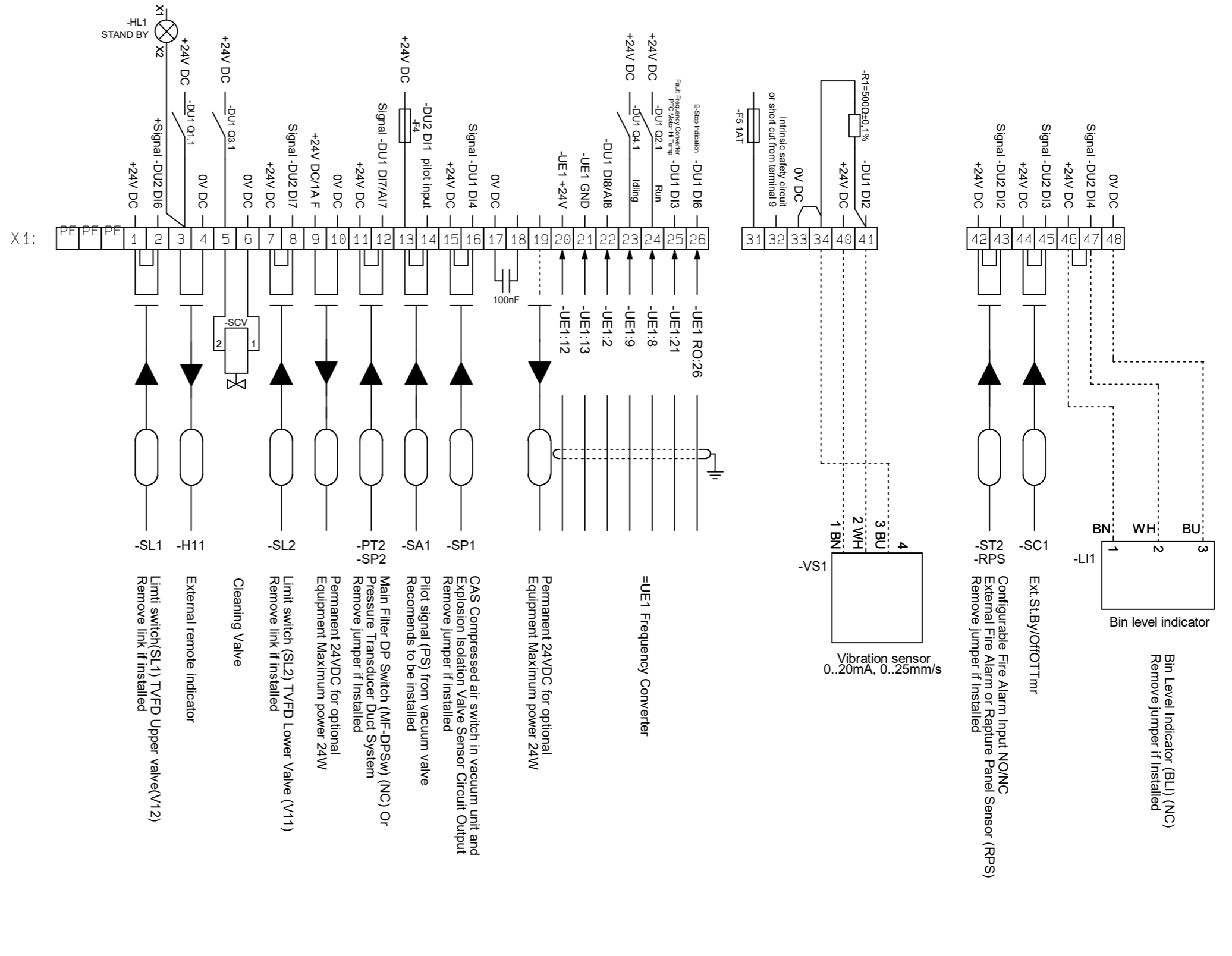
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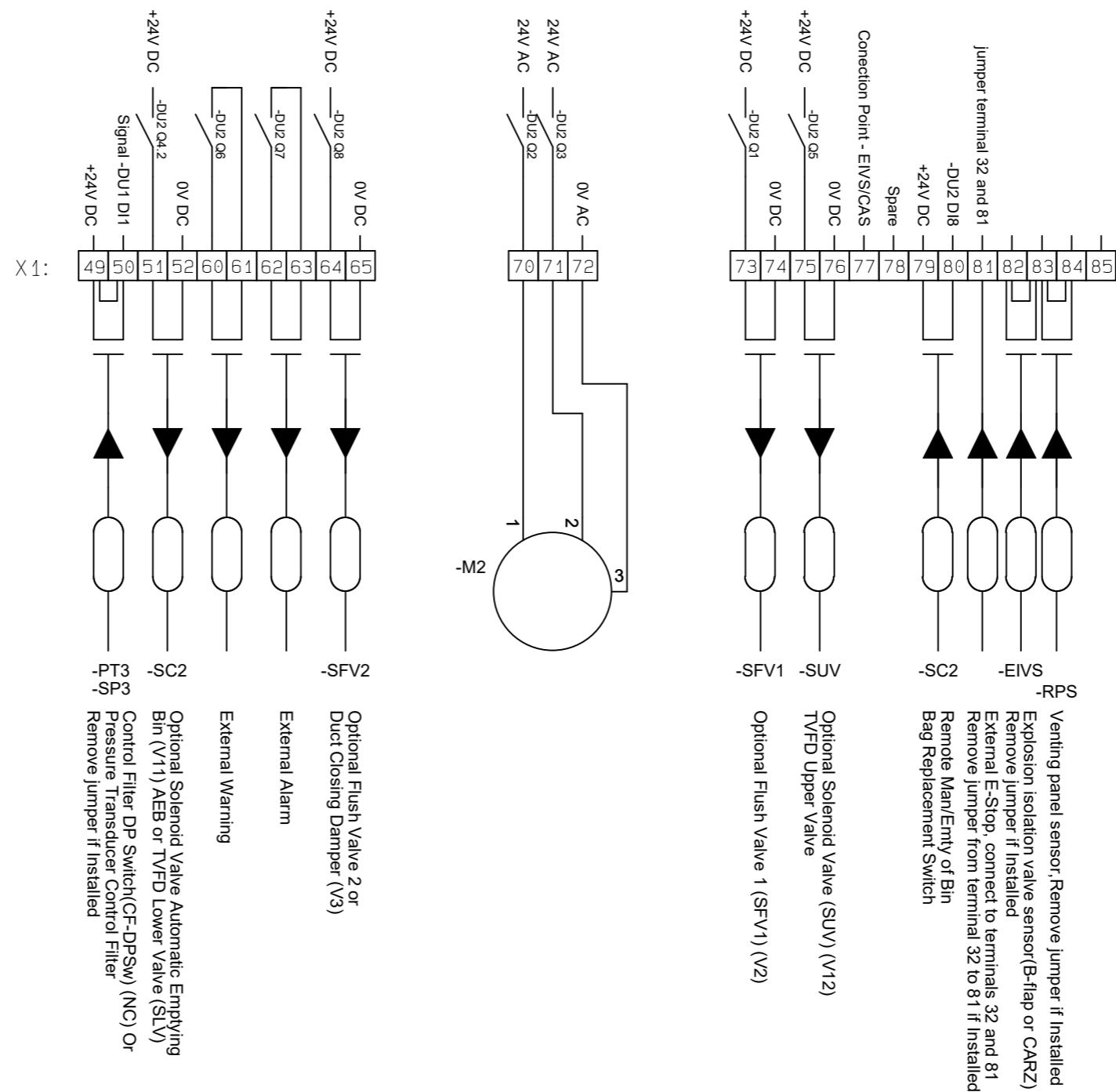
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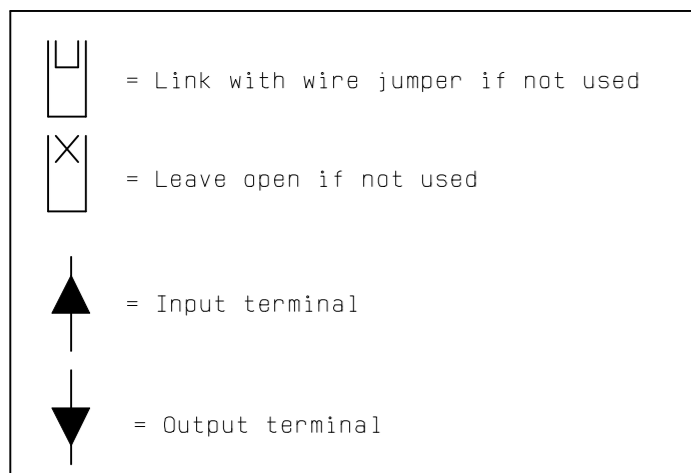
**STARTER
EXTERNAL
CONNECTIONS**

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Do not use aluminium cable connect to main switch or contactors. Including motor cables.



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