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Company / customer ROVERETA
Project description S570 (TMBR 75-HLZN 22)KW
Job number 6015

Project name MA00450A00.0002
Serial Number
Manufacturing date 2023
Type S570
Place of installation ITALIA
Input lead 380 VAC - 50 HZ
Control voltage 220 VAC - 24 VDC
Installed power 97 KW



Responsible for project Muhammed Ali ÖZEN
Mail m.ozen@polatas.com.tr

Number of pages 56

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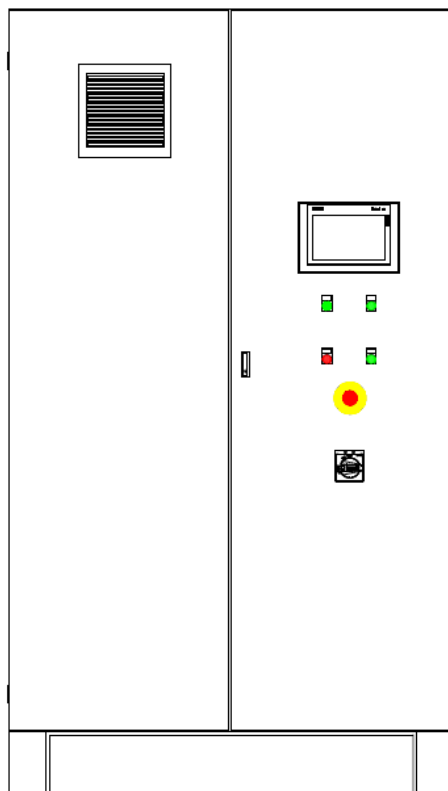
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Structure identifier overview

F24_001

Full designation	Labeling	Structure description	Full designation	Labeling	Structure description
&EAA	Document type	Administrative documents	&ELU	Document type	In/on-equipment location documents
&EAB	Document type	Lists (regarding documents)	&ELZ	Document type	Free for user
&EAC	Document type	Explanatory documents (regarding documents)	&EMA	Document type	Connection documents
&EAZ	Document type	Free for user	&EMB	Document type	Cabling or piping documents
&EBA	Document type	Registers	&EMZ	Document type	Free for user
&EBF	Document type	Dispatch, storage and transport documents	&EPA	Document type	Material lists
&EBH	Document type	Documents regarding changes	&EPB	Document type	Parts lists
&EBZ	Document type	Free for user	&EPC	Document type	Item lists
&ECB	Document type	Approval documents	&EPD	Document type	Product lists and product type lists
&ECD	Document type	Order and delivery documents	&EPF	Document type	Function lists
&ECZ	Document type	Free for user	&EPL	Document type	Location lists
&EDA	Document type	Data sheets	&EPZ	Document type	Free for user
&EDB	Document type	Explanatory documents	&EQA	Document type	Quality management documents
&EDC	Document type	Instructions and manuals	&EQB	Document type	Safety-describing documents
&EDD	Document type	Technical reports	&EQC	Document type	Quality verifying documents
&EDZ	Document type	Free for user	&EQZ	Document type	Free for user
&EEA	Document type	Legal requirement documents	&ETA	Document type	Planning drawings
&EEB	Document type	Standards and regulations	&ETB	Document type	Construction drawings
&EEC	Document type	Technical specification / requirement documents	&ETC	Document type	Manufacturing and erection drawings
&EED	Document type	Dimensioning documents	&ETL	Document type	Arrangement documents
&EEZ	Document type	Free for user	&ETZ	Document type	Free for user
&EFA	Document type	Functional overview documents	&EWA	Document type	Setting value documents
&EFB	Document type	Flow diagrams	&EWT	Document type	Logbooks
&EFC	Document type	MMI layout documents (MMI = man-machine interface)	&EWZ	Document type	Free for user
&EFE	Document type	Function descriptions	&1	Document type	Title Page / Cover Sheet
&EFF	Document type	Function diagrams	&3	Document type	Structure Identifier
&EFP	Document type	Signal descriptions	&4	Document type	Electrical Schematic
&EFQ	Document type	Setting value documents	&5	Document type	Reports
&EFS	Document type	Circuitry documents	=1	Fonksiyon tanımlayıcısı	Terminal-connection diagram
&EFT	Document type	Software specific documents	=2	Fonksiyon tanımlayıcısı	Cable connection diagram
&EFZ	Document type	Free for user	+P	Konum tanımlayıcısı	Enclosure
&ELD	Document type	On-site location documents	+D	Konum tanımlayıcısı	Decanter
&ELH	Document type	In-building location documents (also applied for ships, aircraft, etc.)			

+P

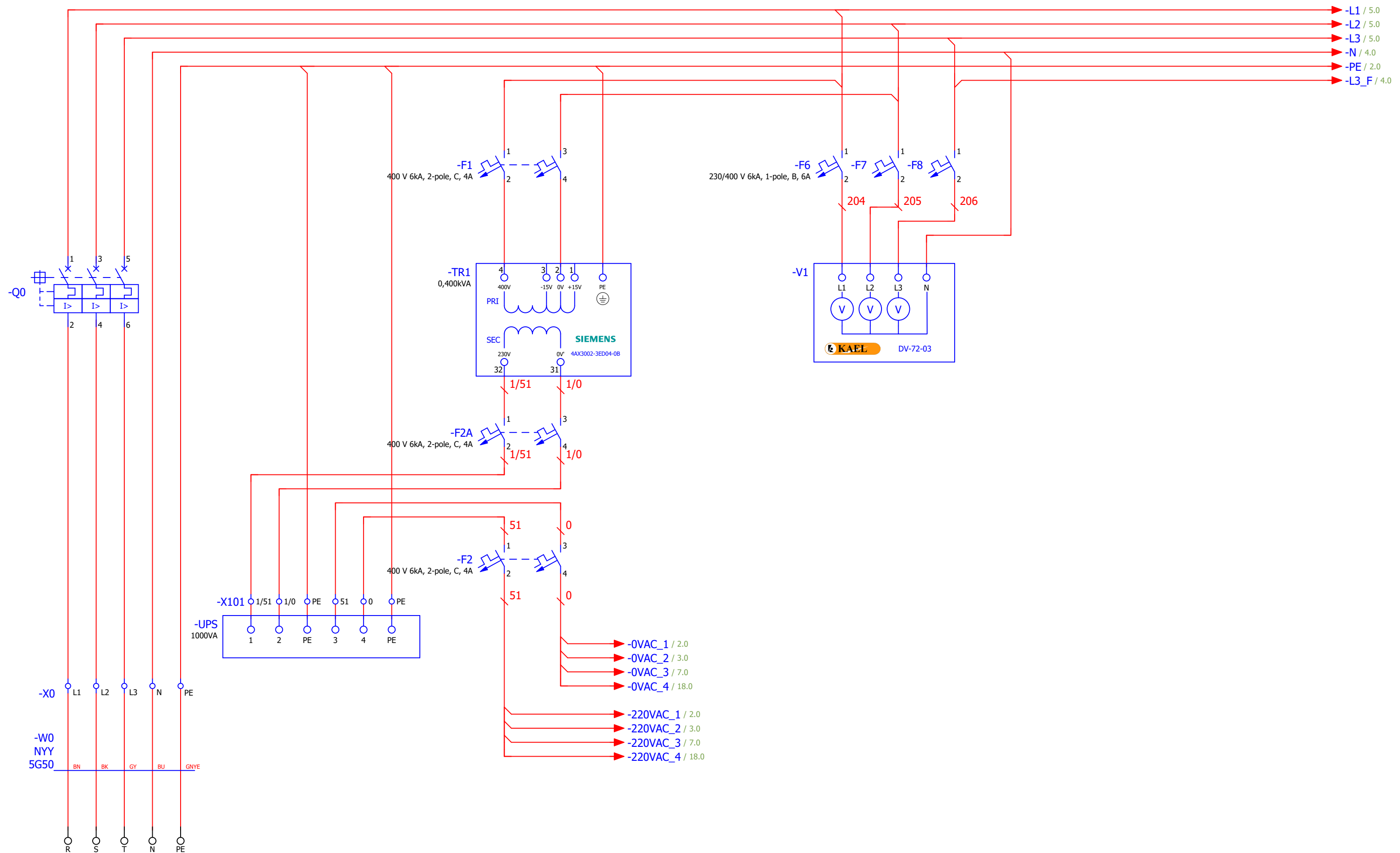


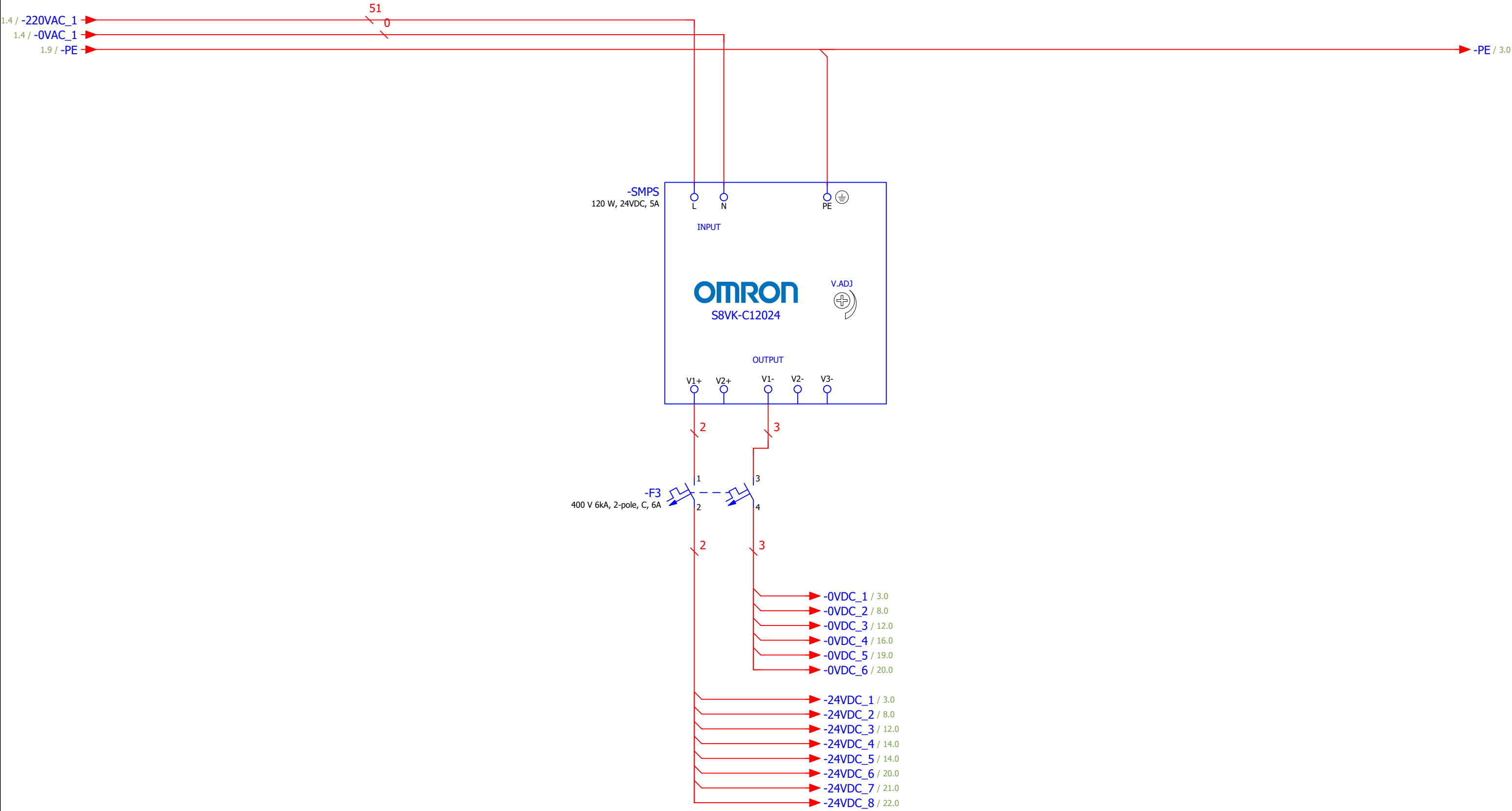
Enclosure

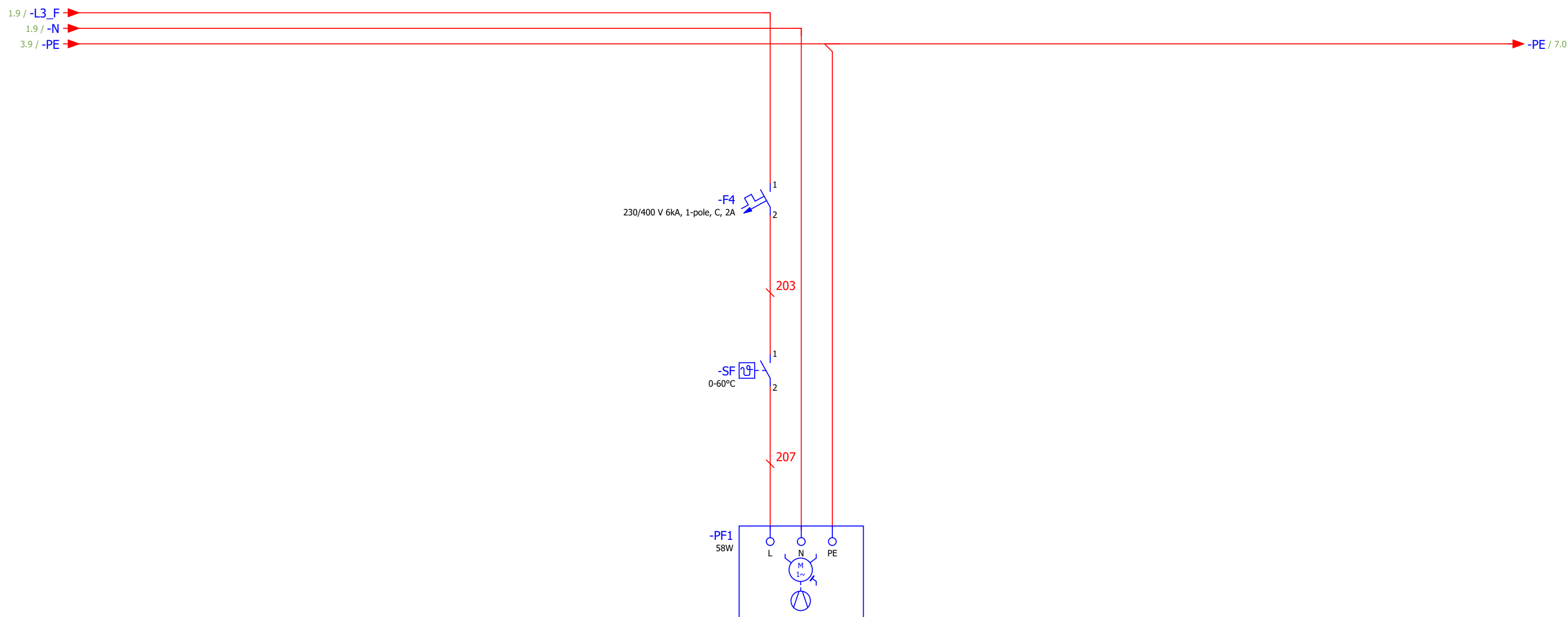
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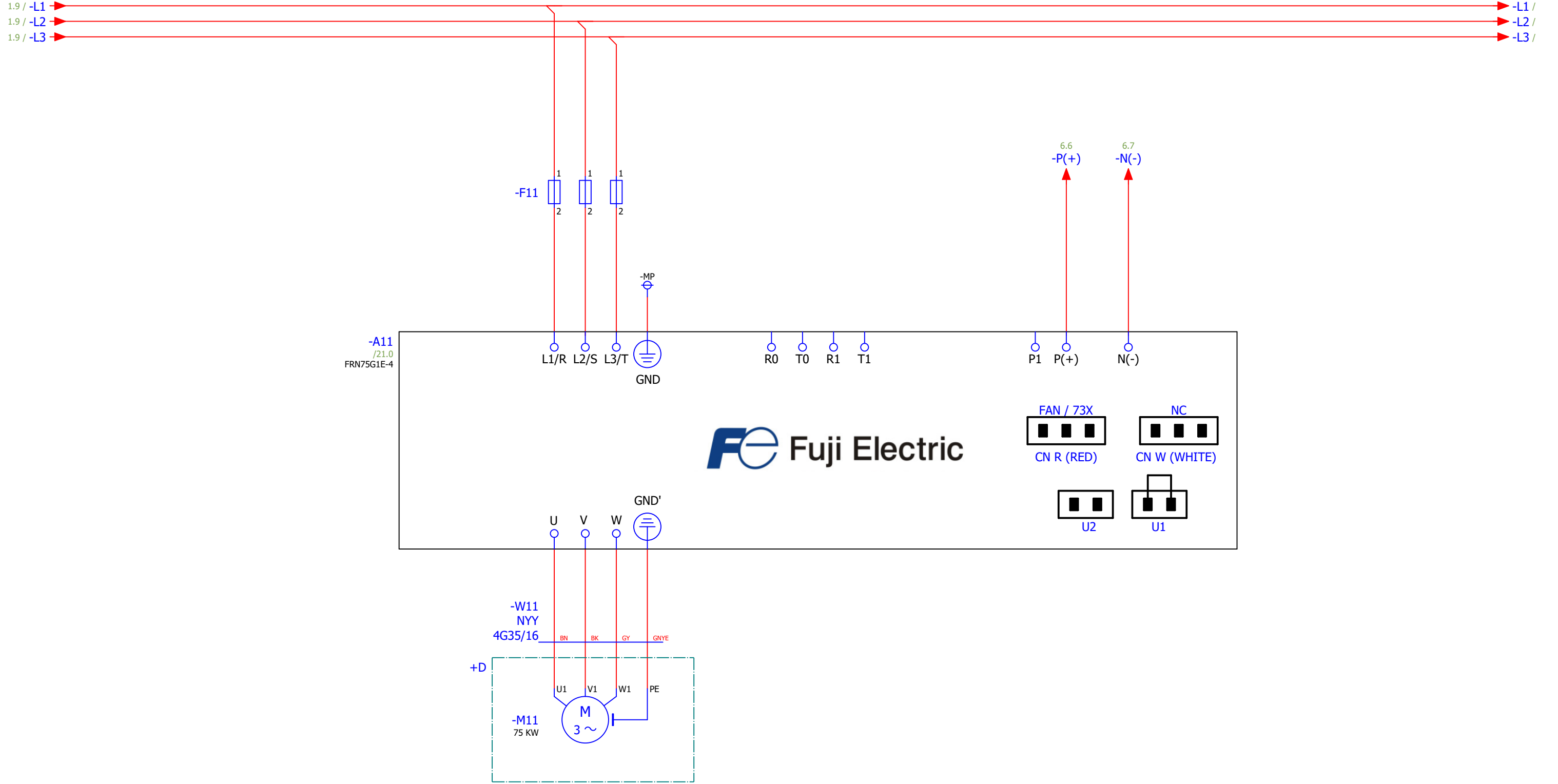


Decanter

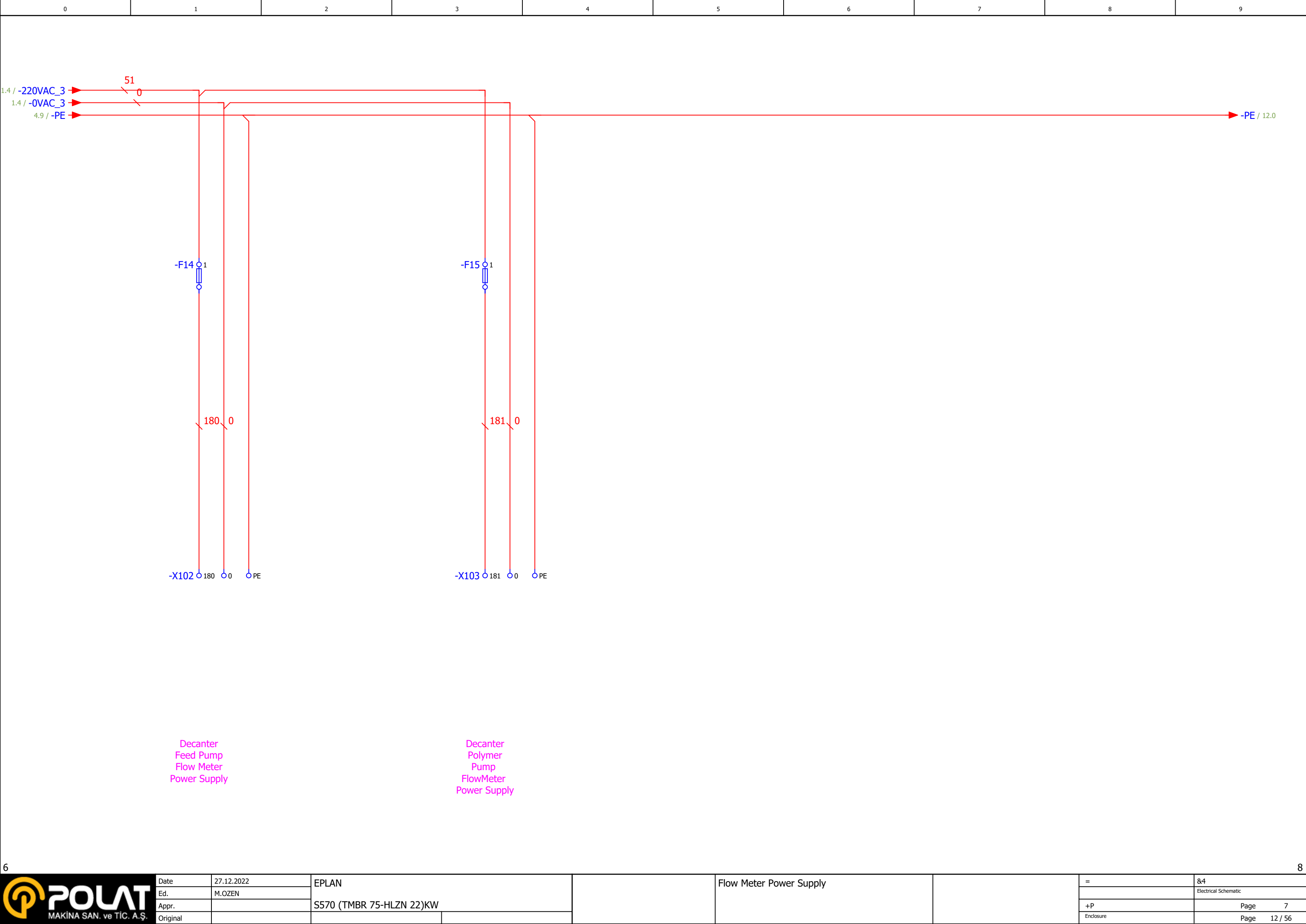


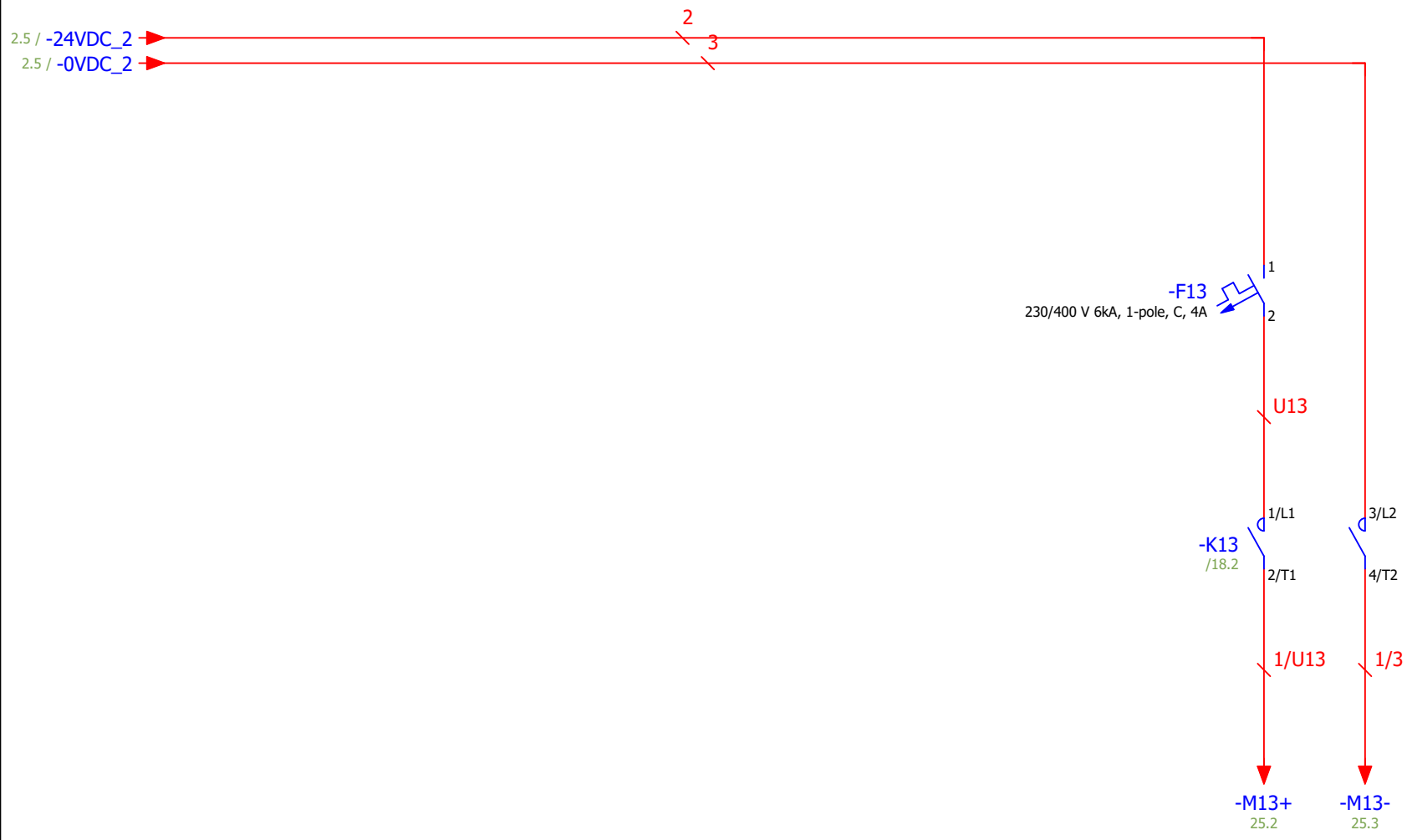


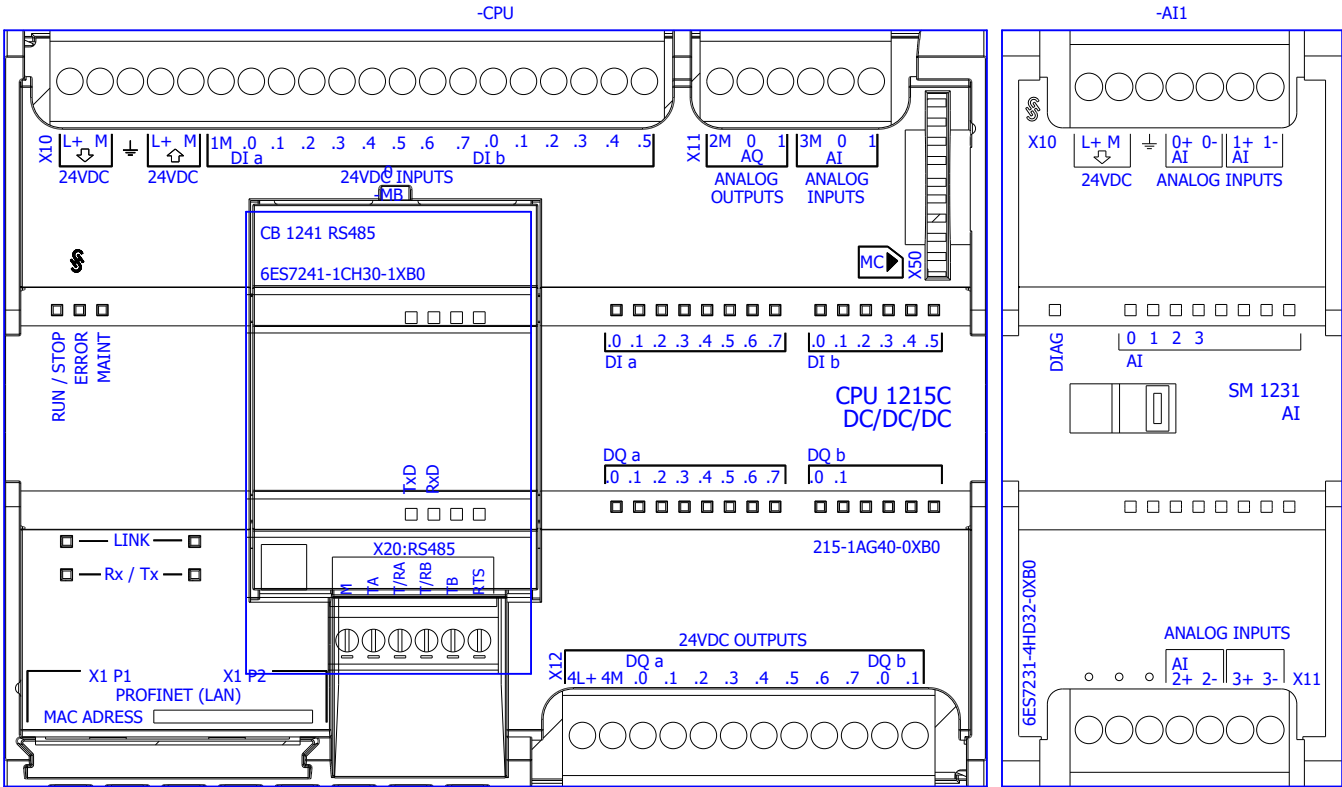




Decanter Main Motor





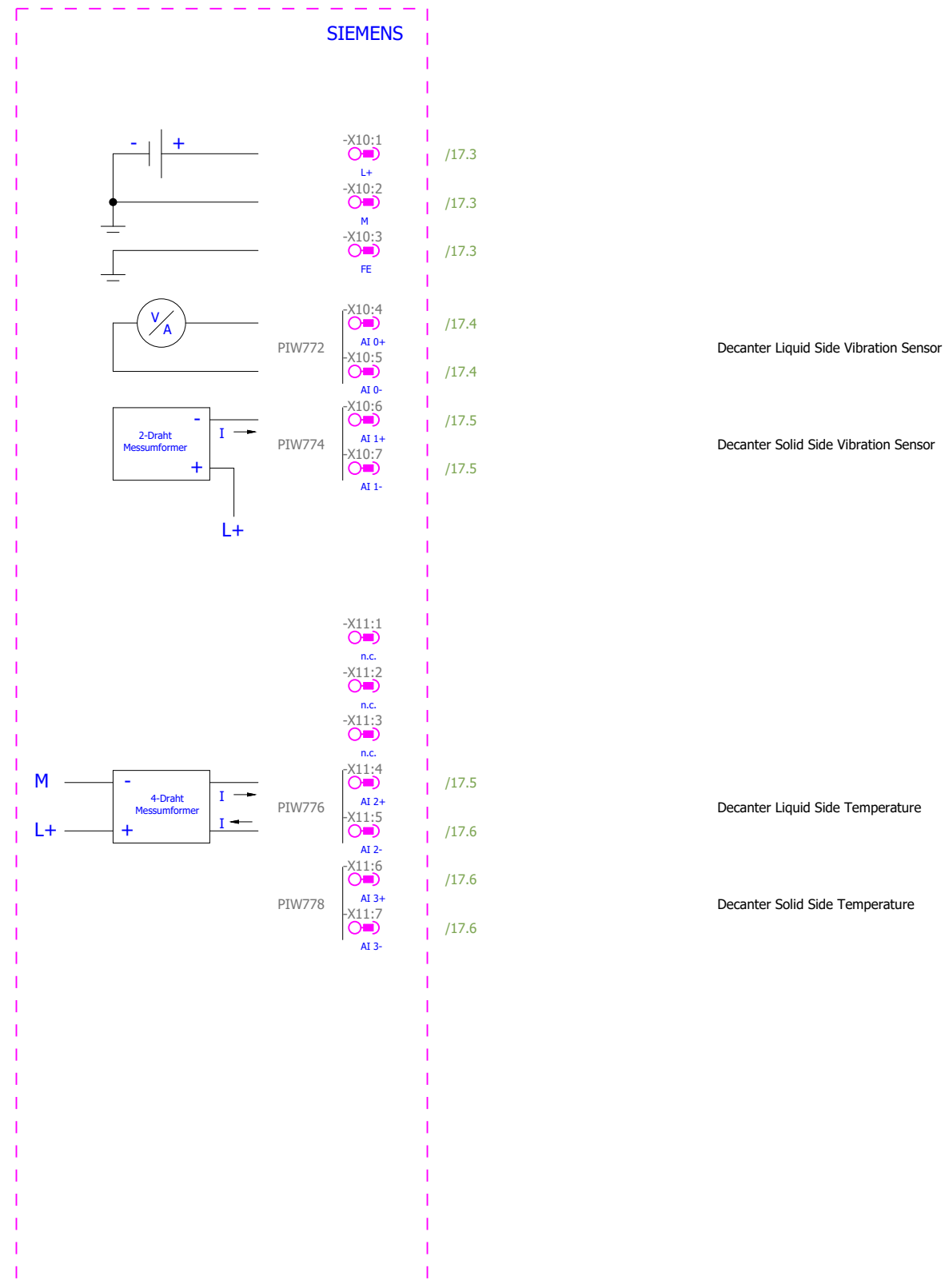


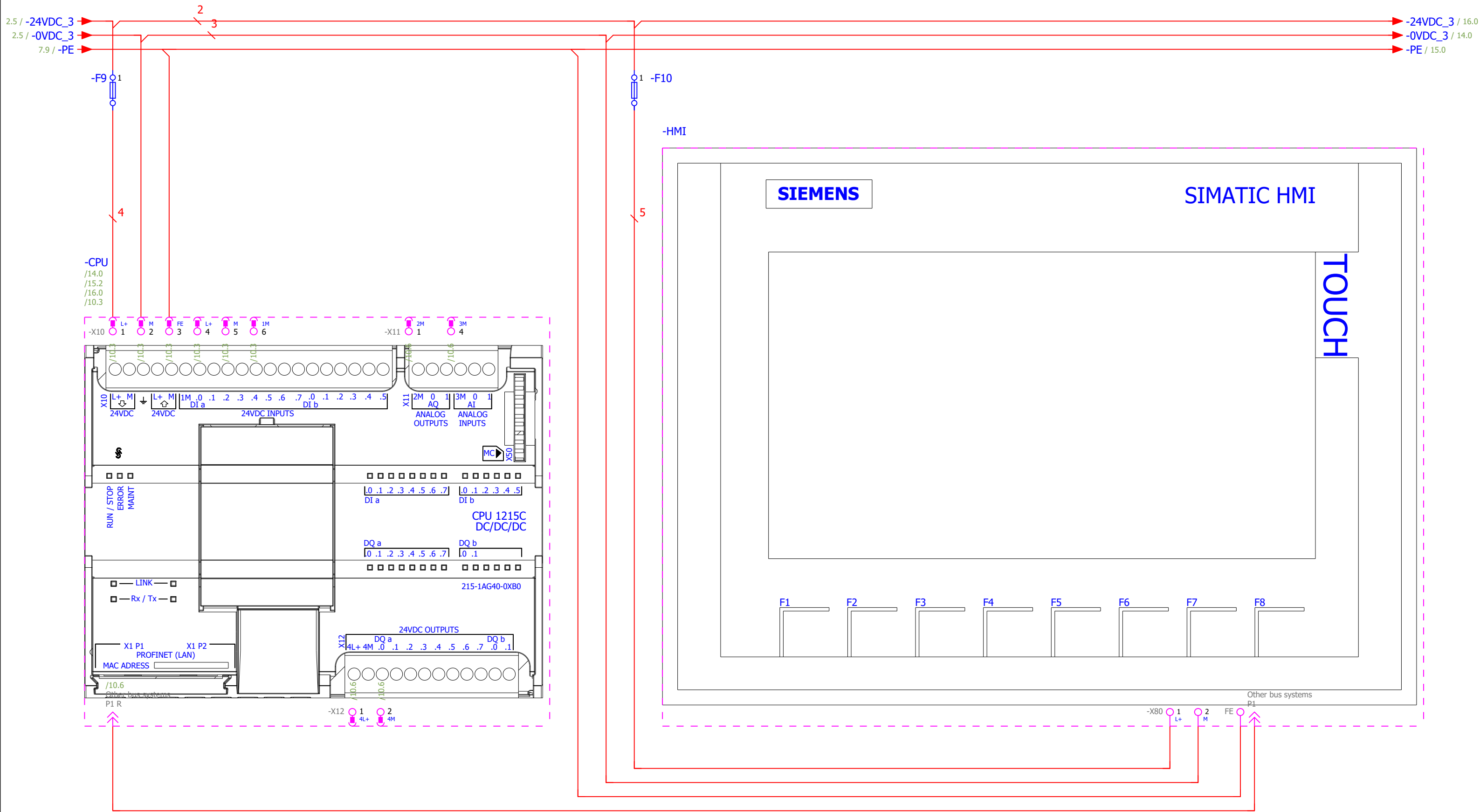
CPU Overview

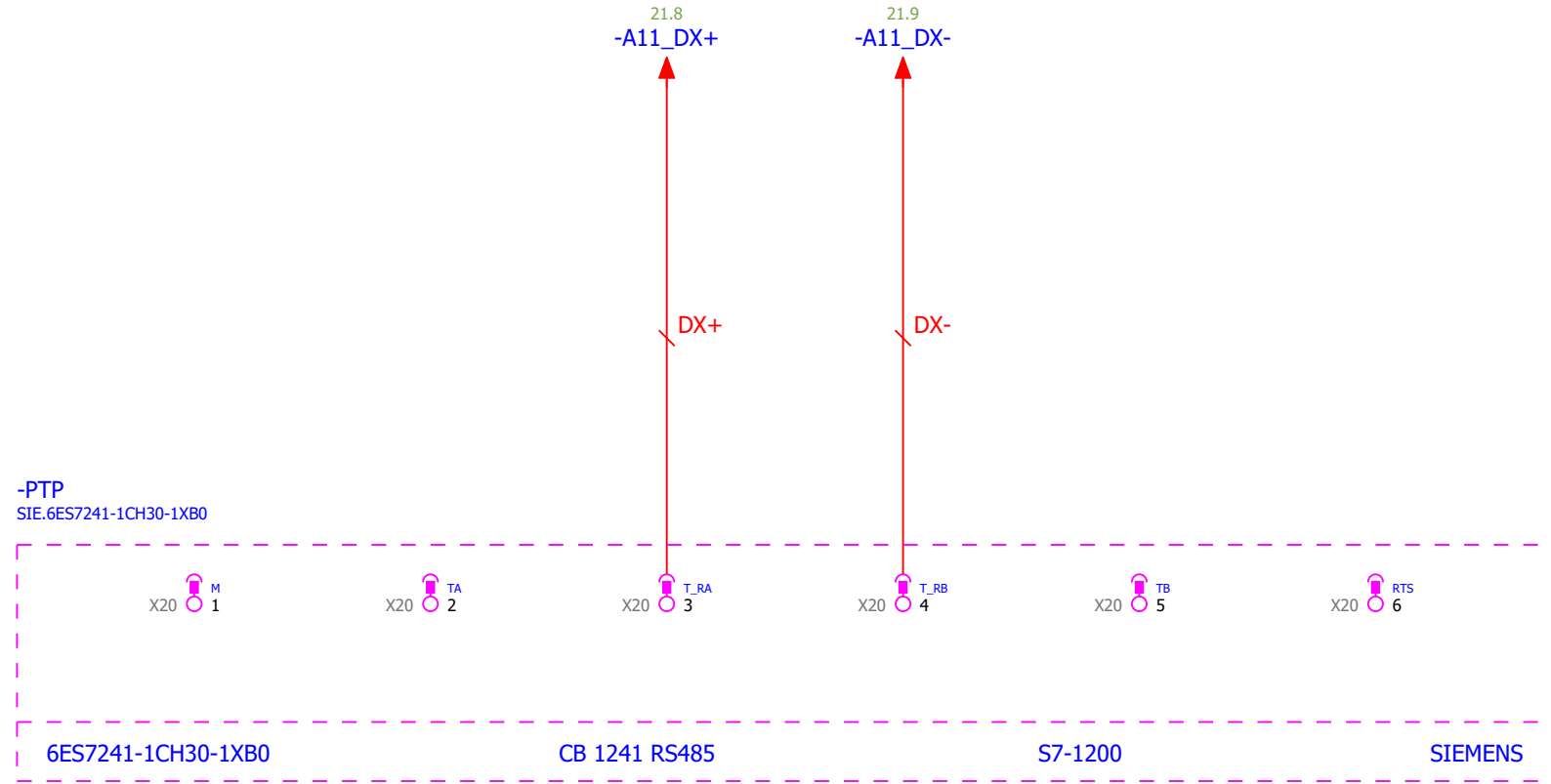
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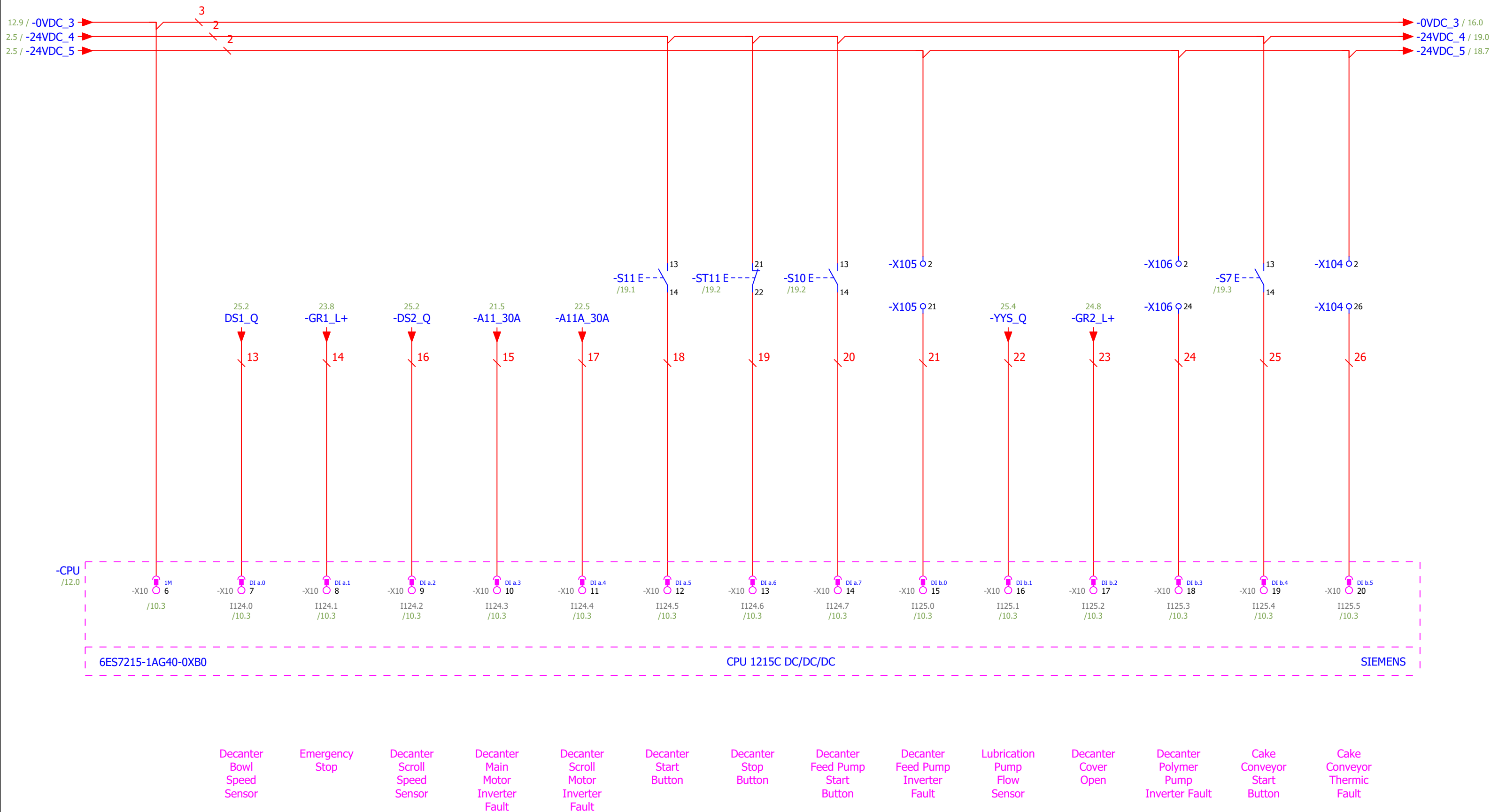
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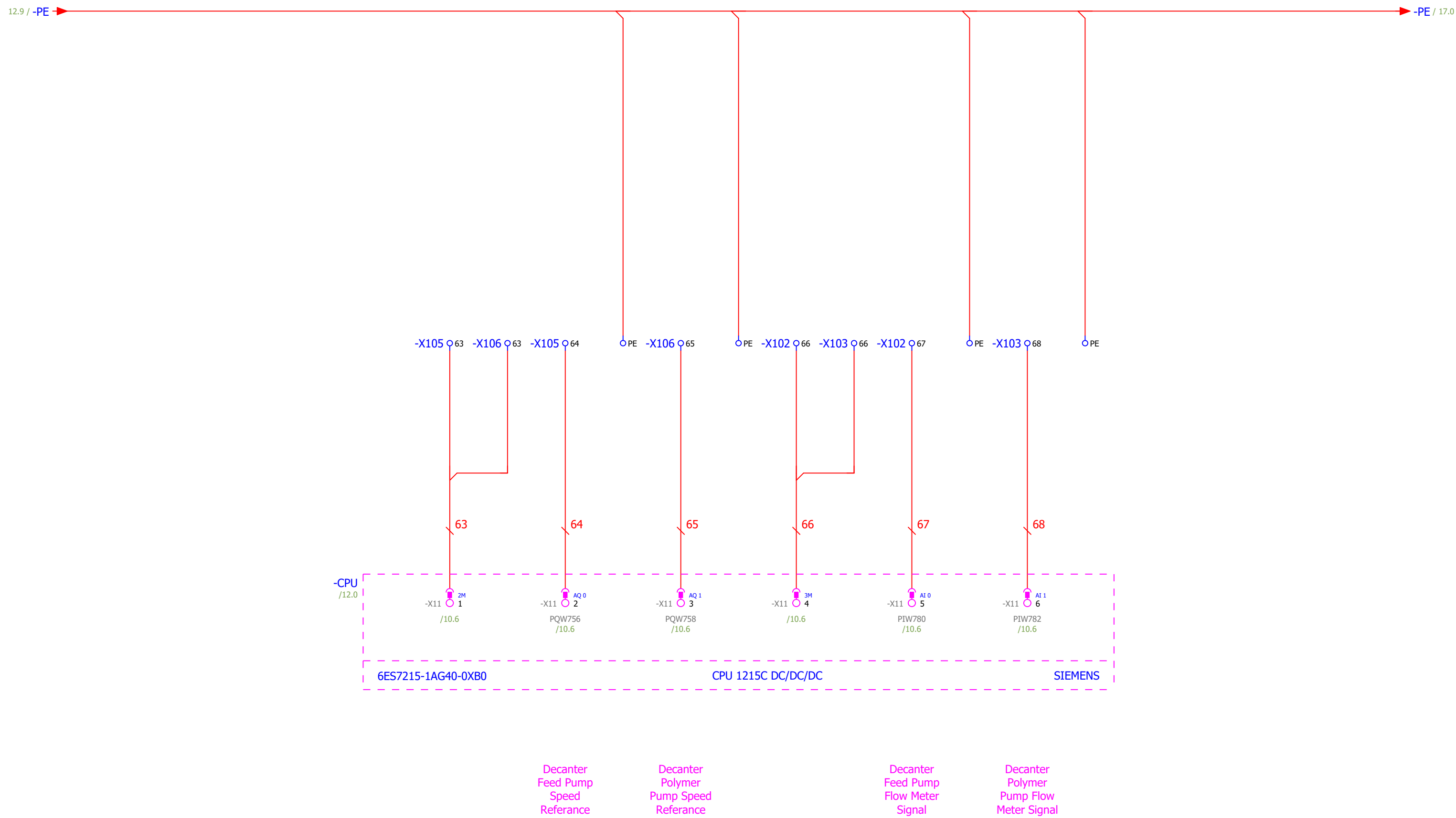
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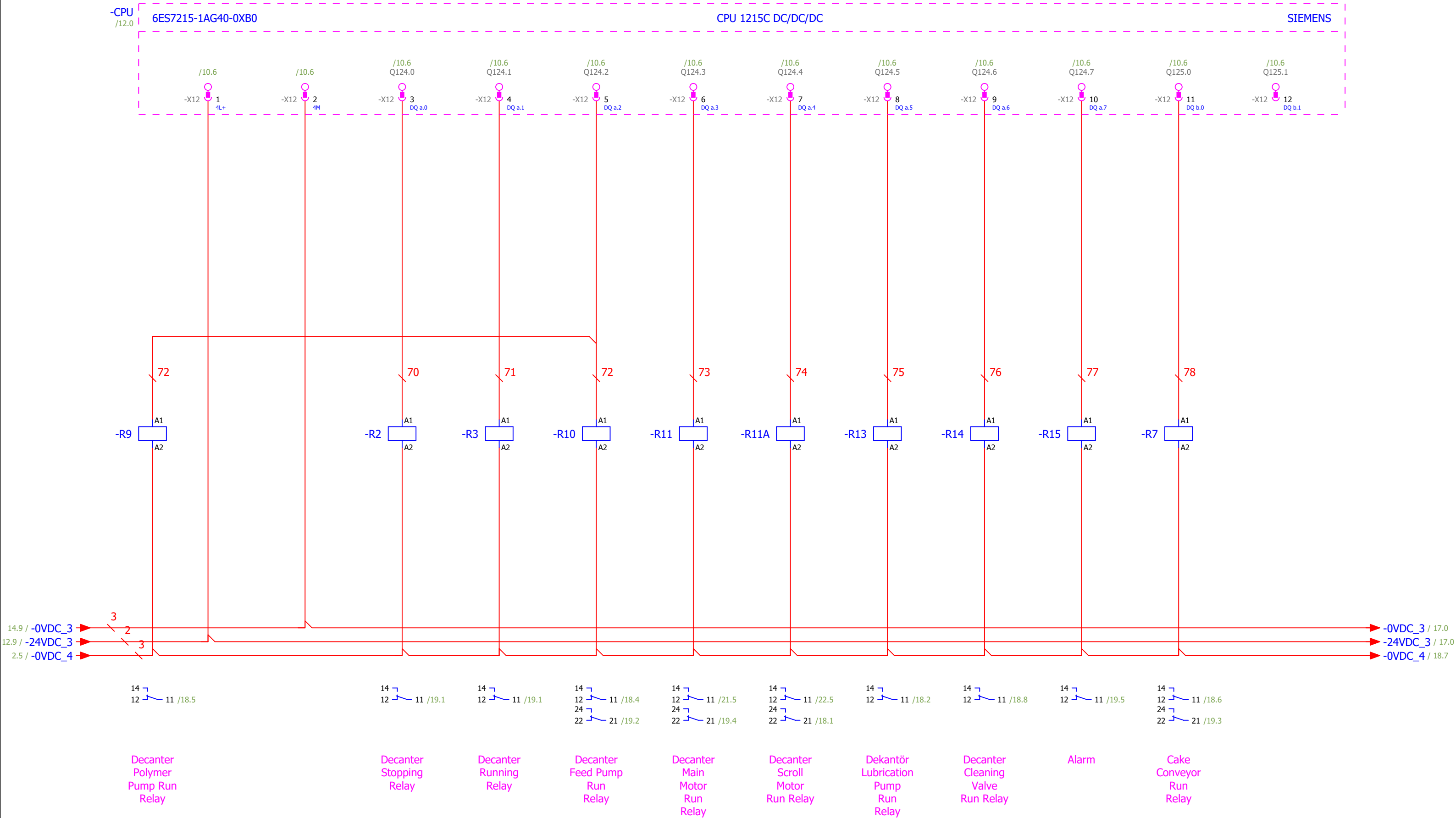


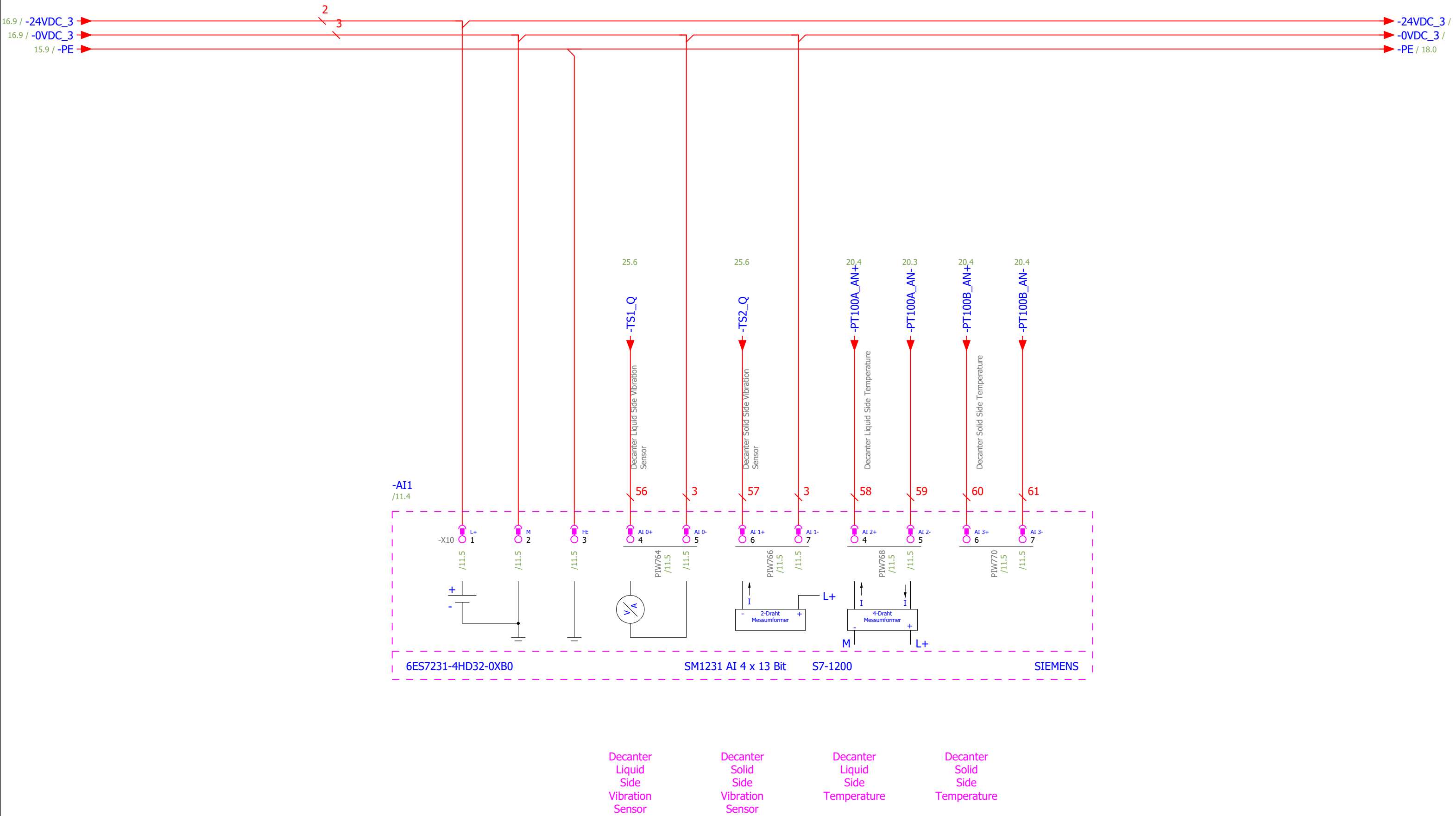


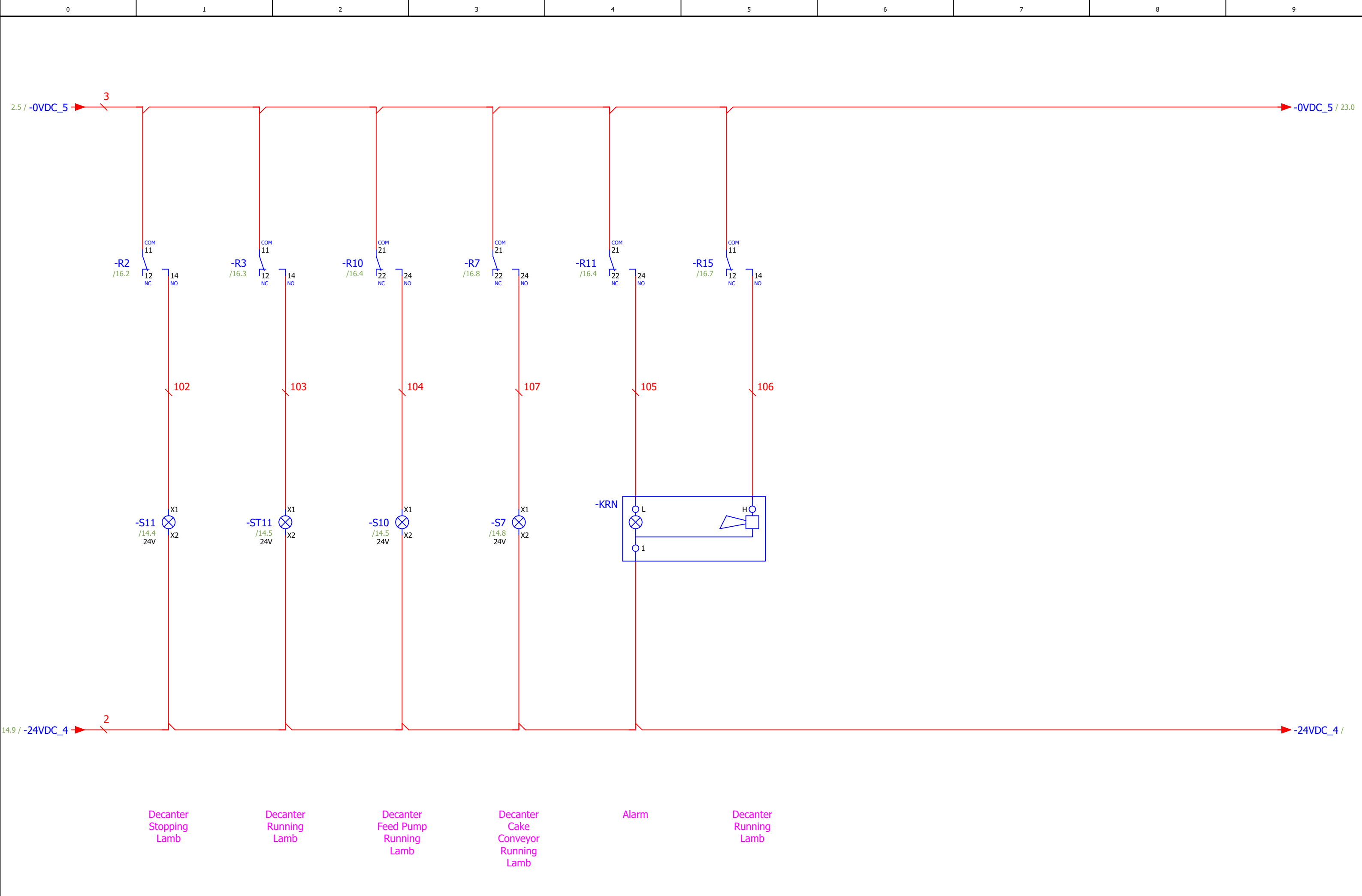












Decanter
Stopping
Lamb

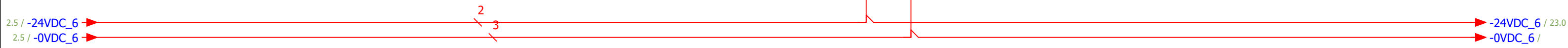
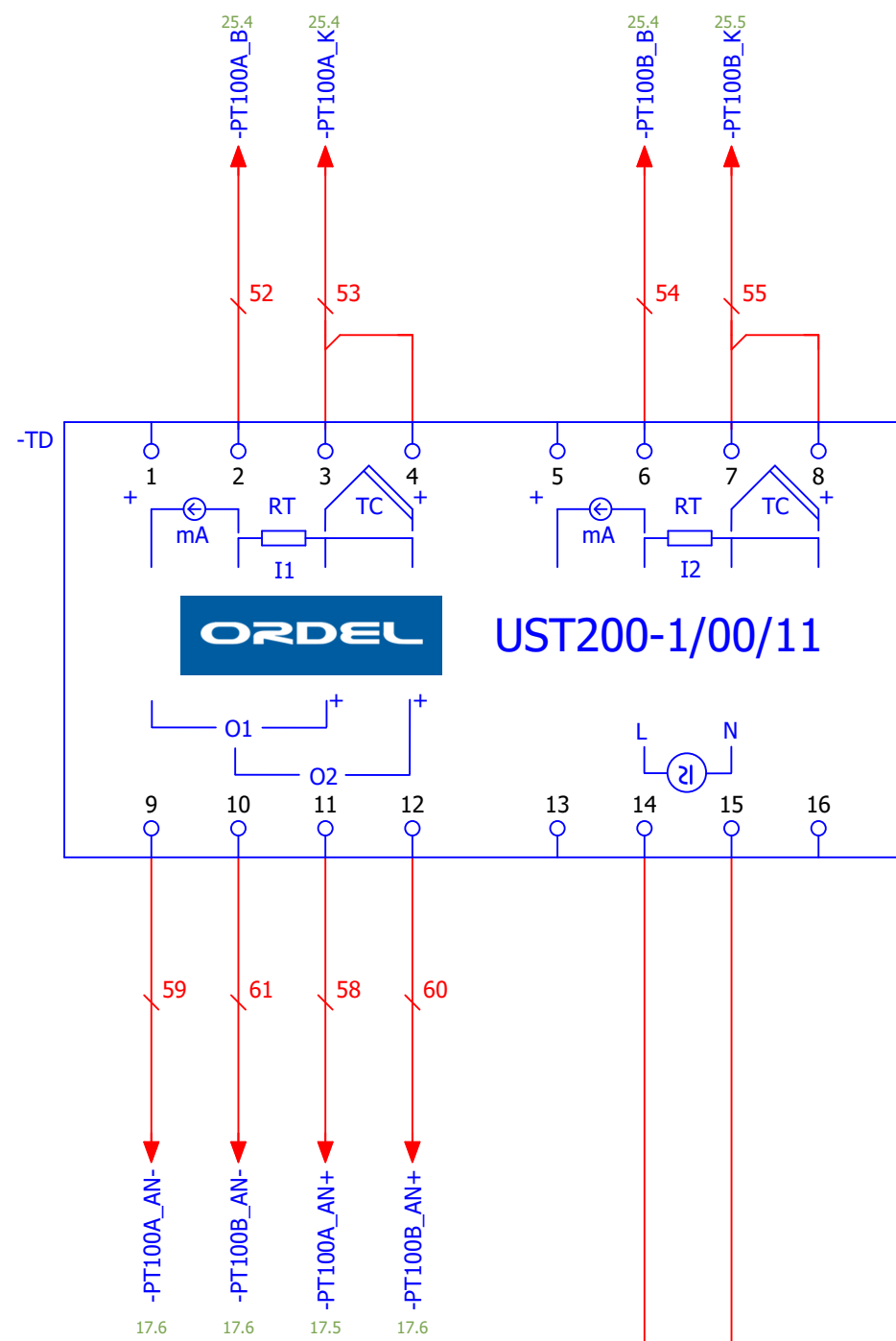
Decanter
Running
Lamb

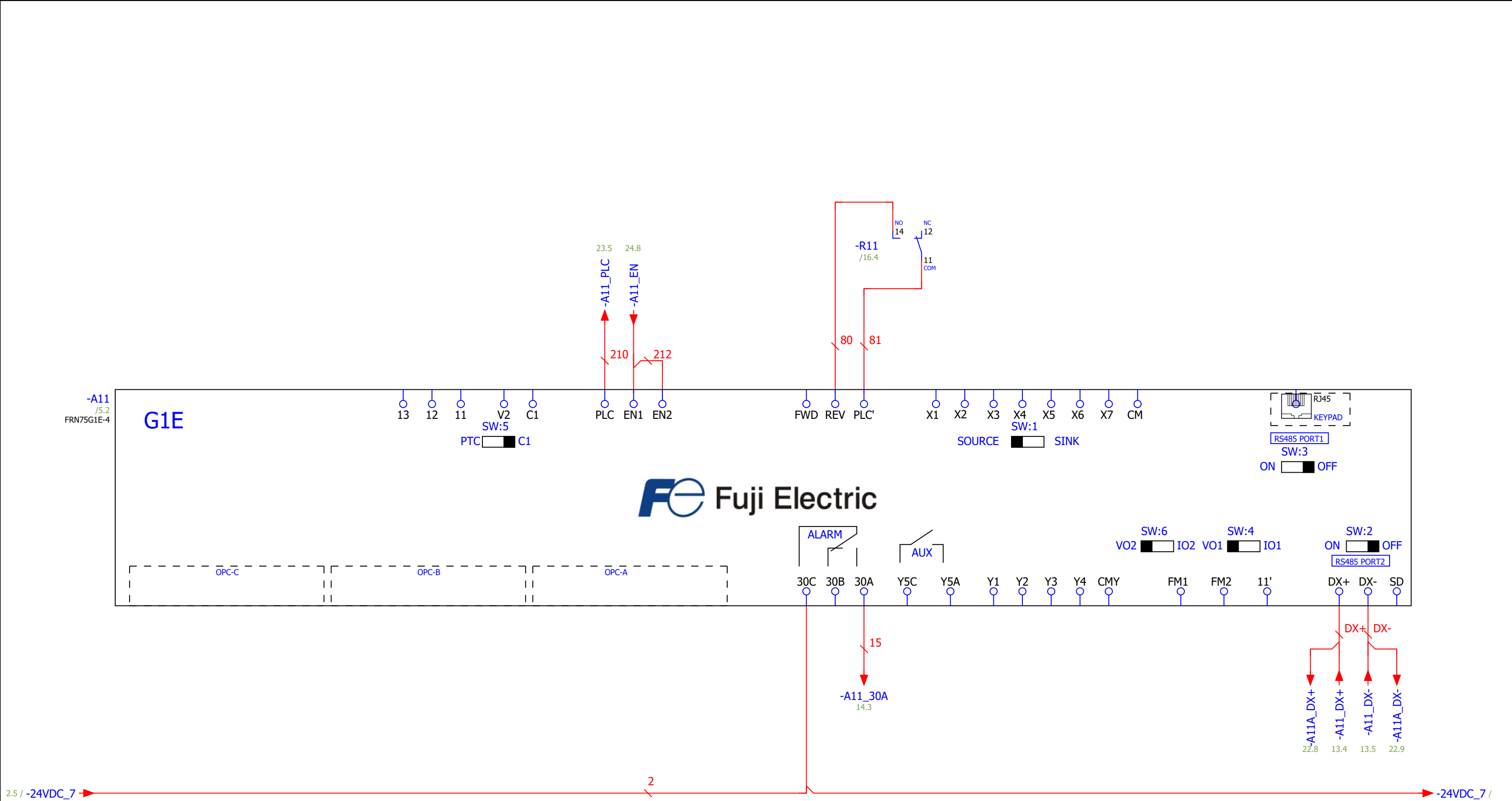
Decanter
Feed Pump
Running
Lamb

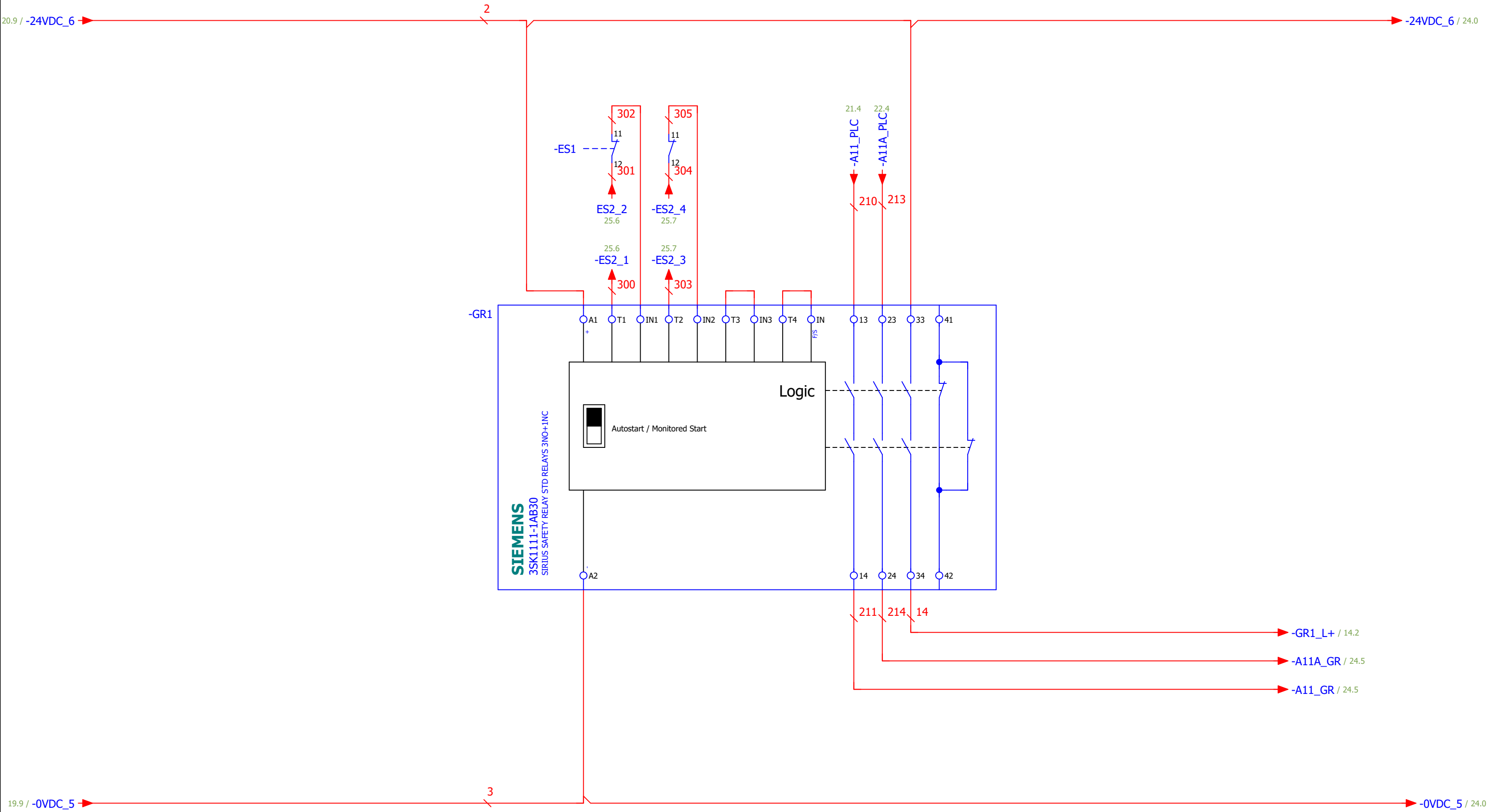
Decanter
Cake
Conveyor
Running
Lamb

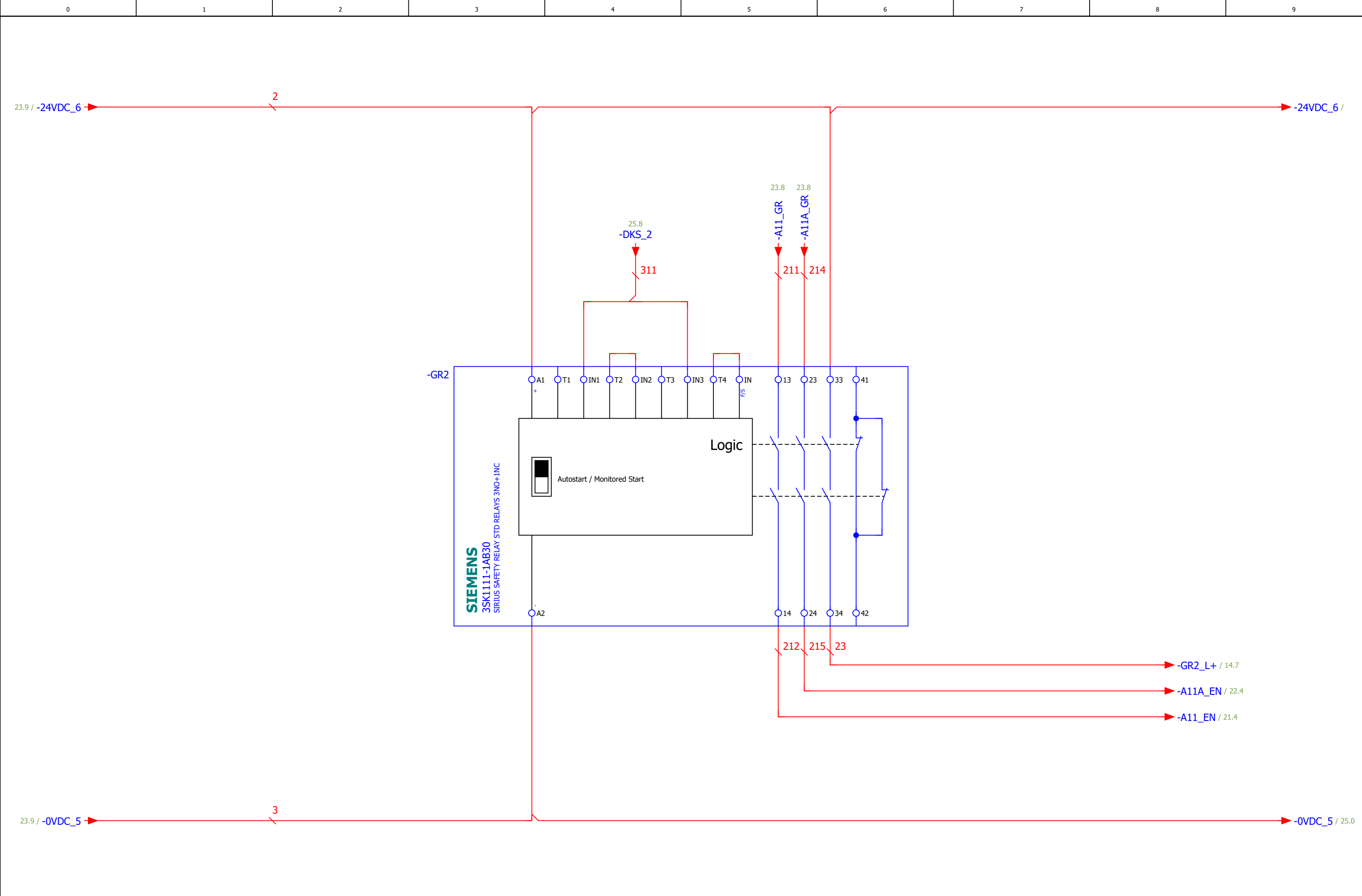
Alarm

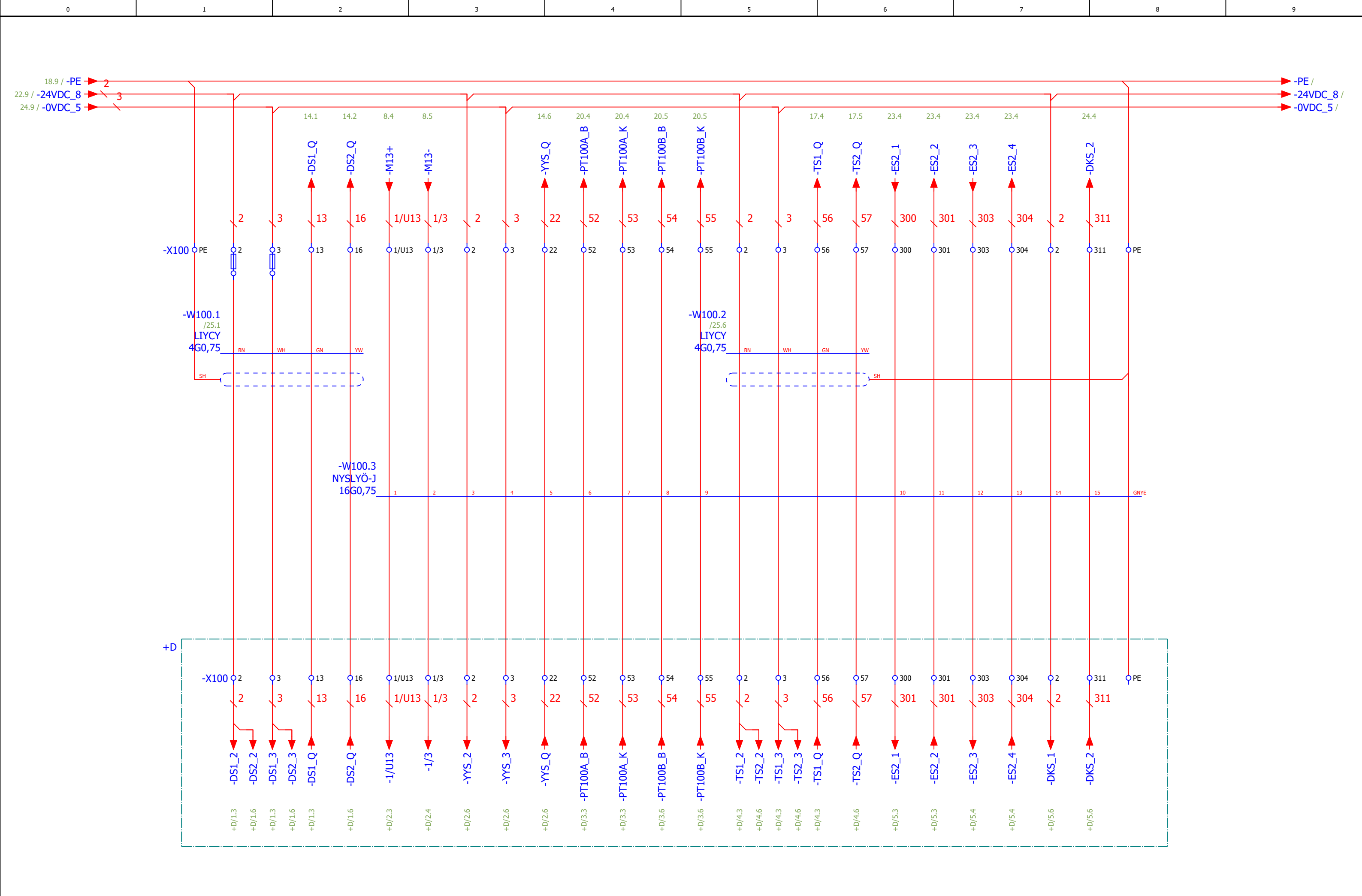
Decanter
Running
Lamb

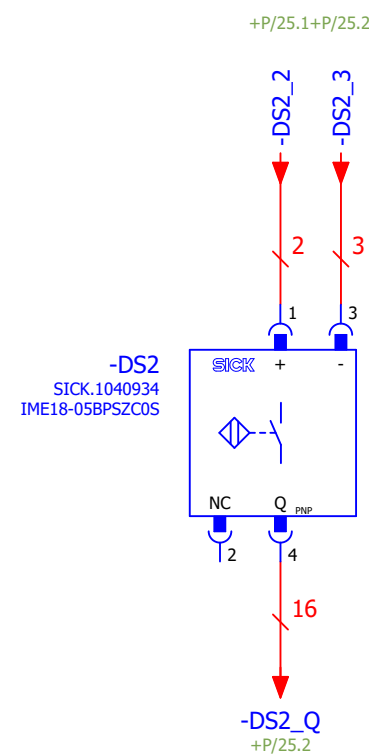
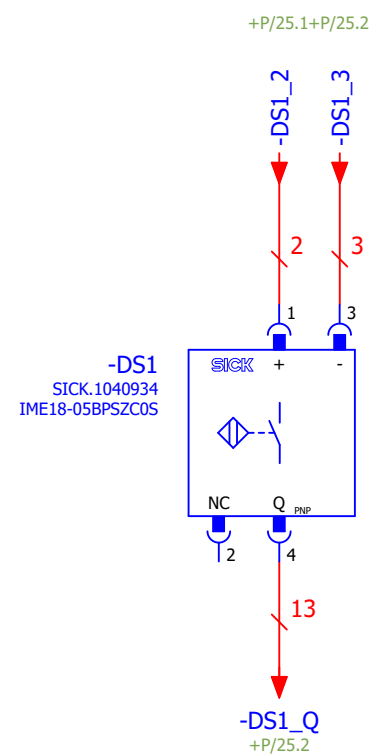


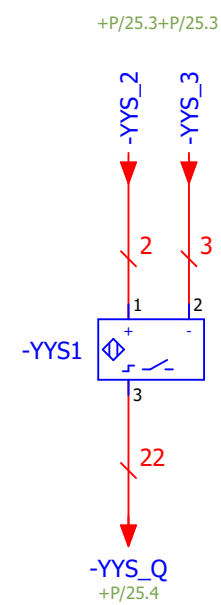
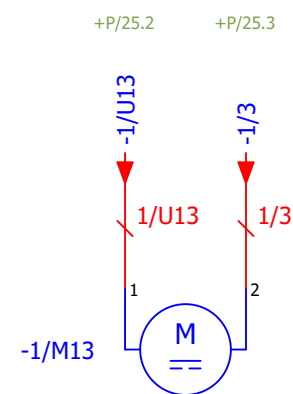


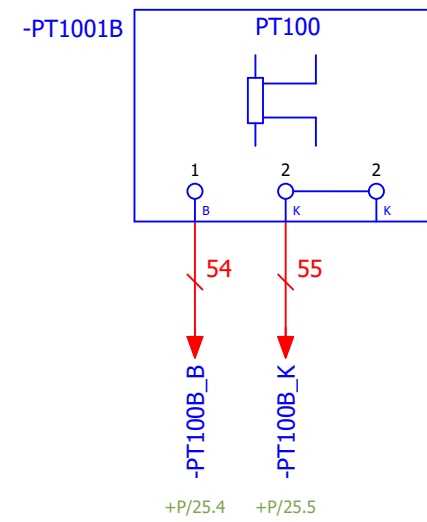
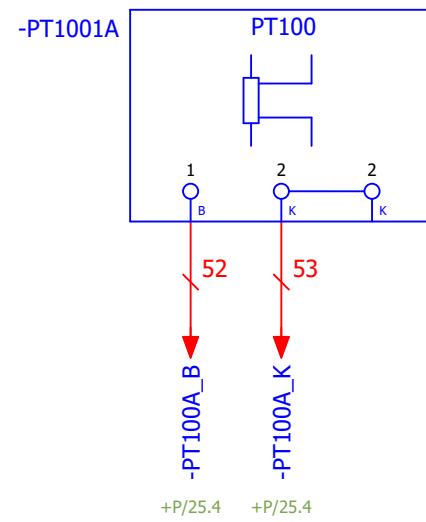


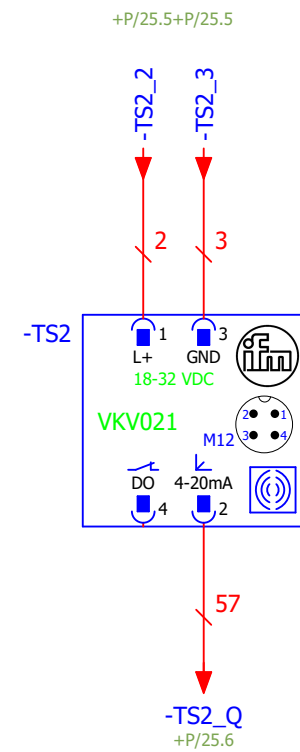
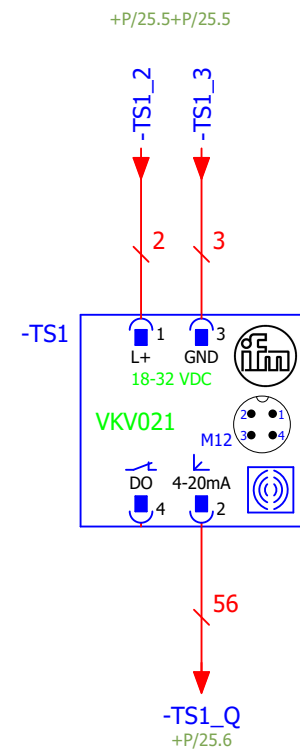


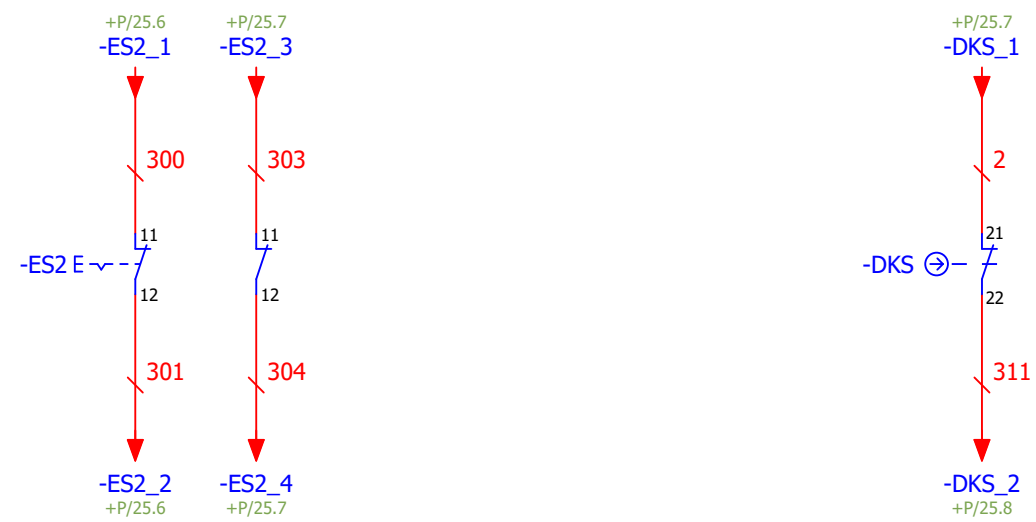






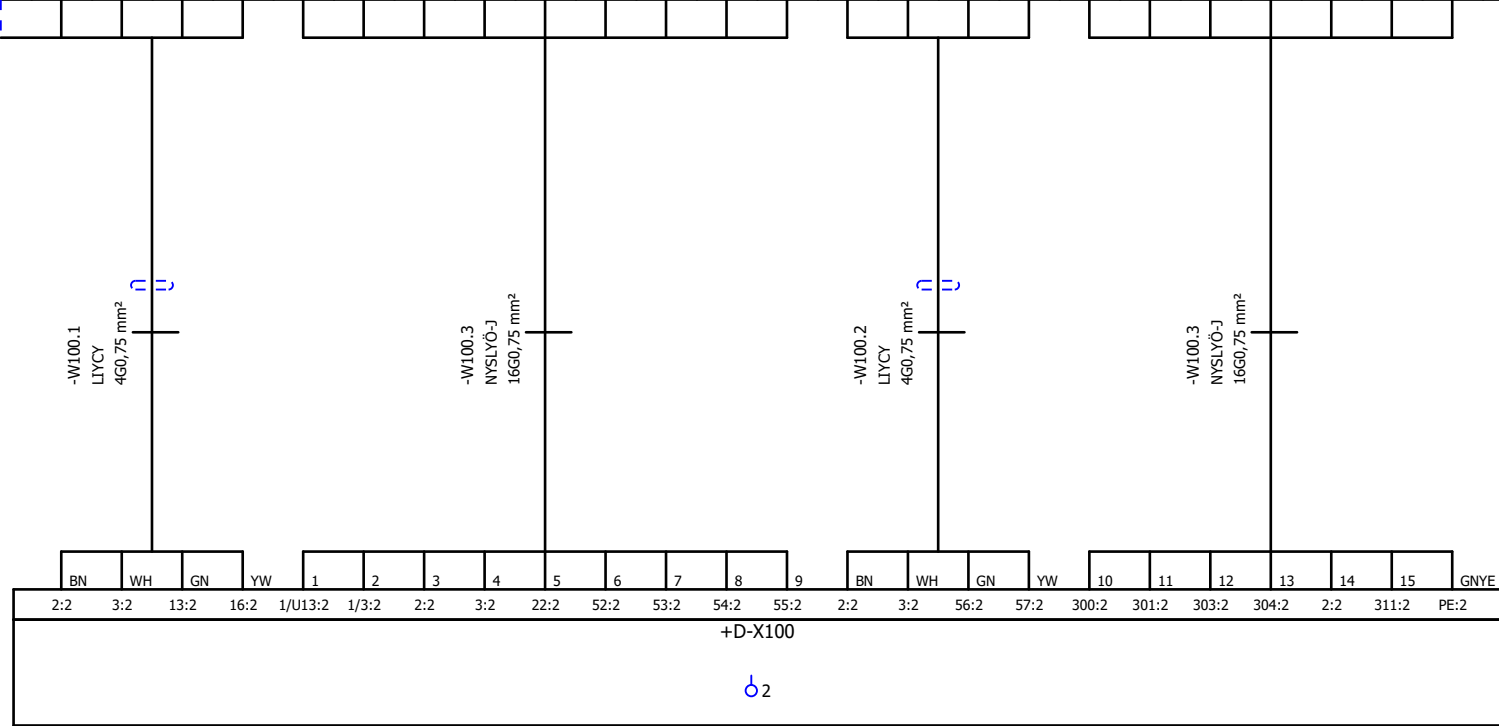






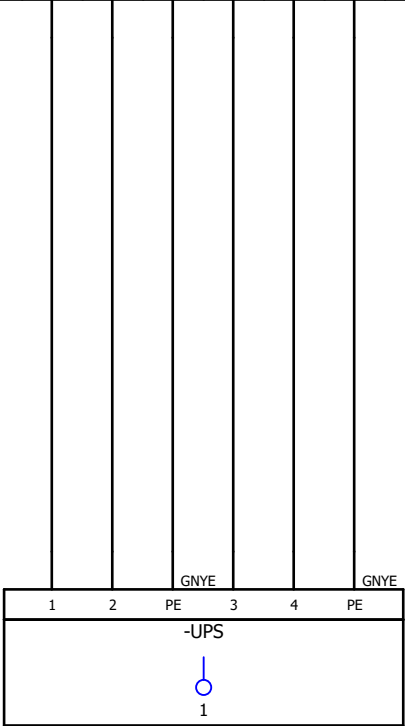
Terminal-connection diagram

Polat_v01

[illegible]

Terminal-connection diagram

Polat_v01

[illegible]

Terminal-connection diagram

Polat_v01

[illegible]

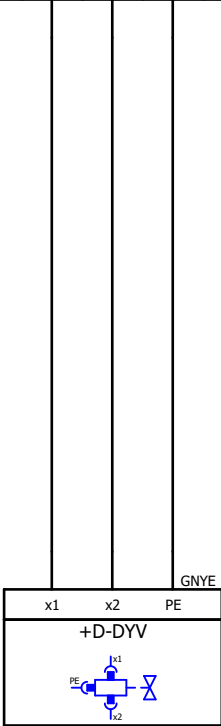
Terminal-connection diagram

Polat_v01

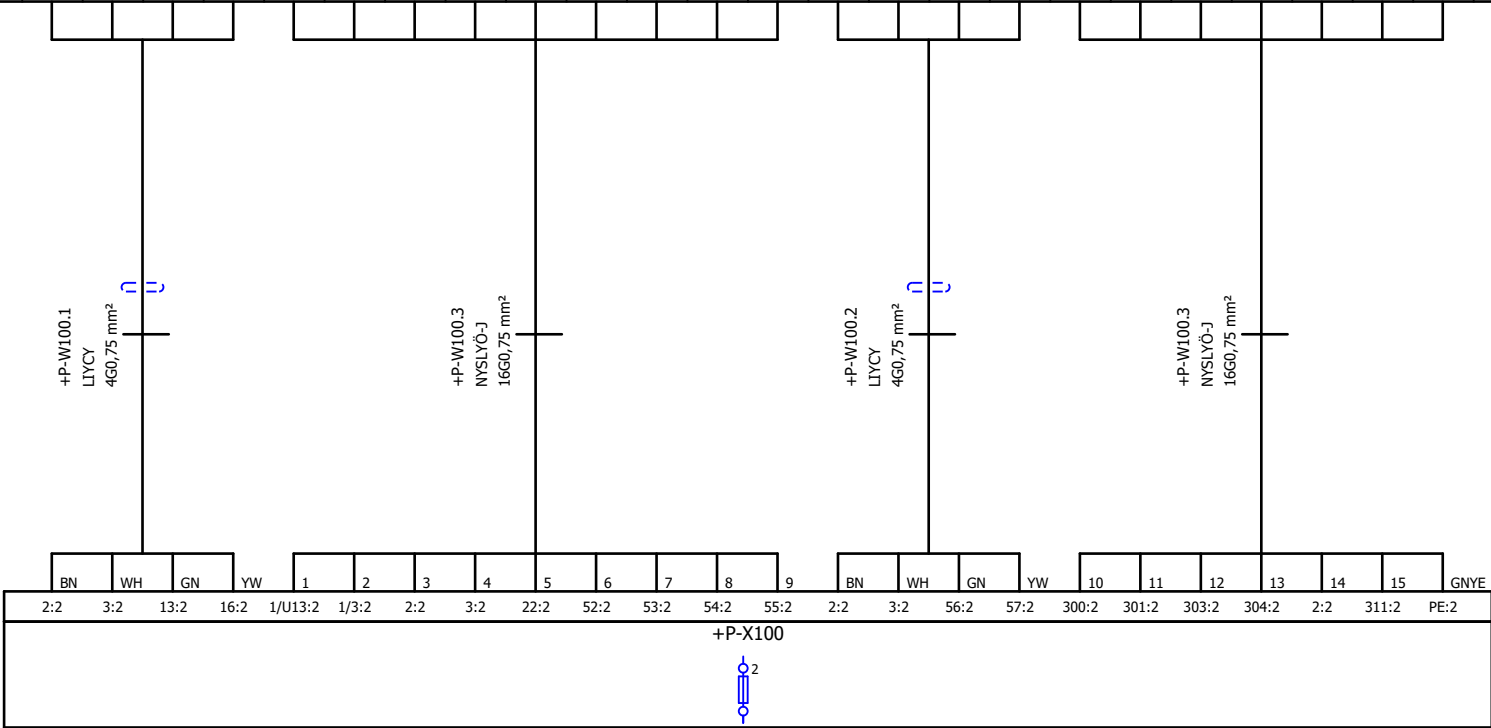
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Terminal-connection diagram

Polat_v01

[illegible]

Polat_v01

[illegible]

Cable name

+P-W0

Cable type

NYY 5G50 mm²

Function text

Panel Power Supply

Position source

Source

Function text source

&4/1.0

-X0:L1:2

Panel Power Supply

&4/1.1

-X0:L2:2

=

&4/1.1

-X0:L3:2

=

&4/1.1

-X0:N:2

=

&4/1.1

-X0:PE:2

=

BN

BK

GY

BU

GNYE

Cable article

KABLO NYY 5G50 MM

Order number

Free wires

0

Function text target

Target

Position target

Panel Power Supply

R

&4/1.0

=

S

&4/1.1

=

T

&4/1.1

=

N

&4/1.1

=

PE

&4/1.1

BN

BK

GY

BU

GNYE

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GNYE

Cable name

+P-W11

Cable type

NYY 4G35/16 mm²

Function text

Decanter Main Motor

Position source

&4/5.3

Source

-A11:U

Function text source

Decanter Main Motor

Position source

&4/5.3

Source

-A11:V

Function text source

=

Position source

&4/5.4

Source

-A11:W

Function text source

=

Position source

&4/5.4

Source

-A11:GND'

Function text source

=

+P-W11

BN

BK

GY

GNYE

BN

BK

GY

GNYE

Cable article

KABLO NYY 3G35+16 MM

Order number

Free wires

0

Function text target

Decanter Main Motor

Target

+D-M11:U1

Position target

&4/5.3

Function text target

=

Target

+D-M11:V1

Position target

&4/5.3

Function text target

=

Target

+D-M11:W1

Position target

&4/5.3

Function text target

=

Target

+D-M11:PE

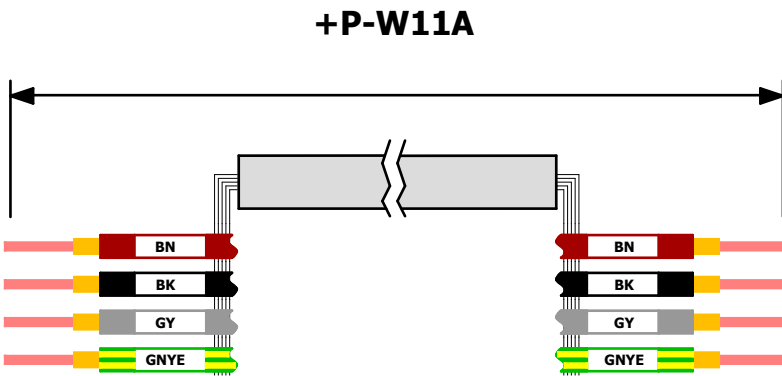
Position target

&4/5.3

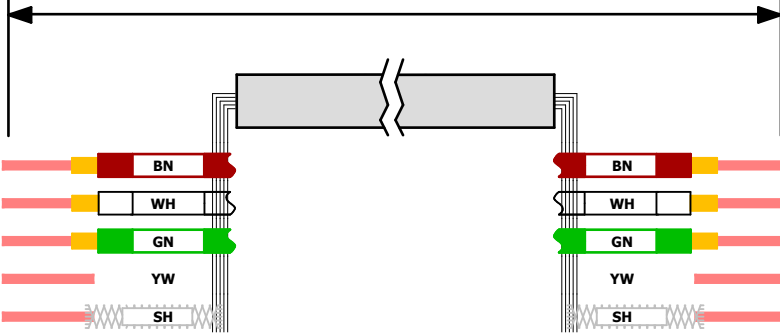
Cable name +P-W11A
Cable type TTR 4G16 mm²
Function text Decanter Screw Motor

Cable article	KABLO TTR 4G10 MM
Order number	
Free wires	0

Position source	Source	Function text source
&4/6.3	-X11A:U11A:2	Decanter Screw Motor
&4/6.3	-X11A:V11A:2	=
&4/6.4	-X11A:W11A:2	=
&4/6.4	-X11A:PE:2	=

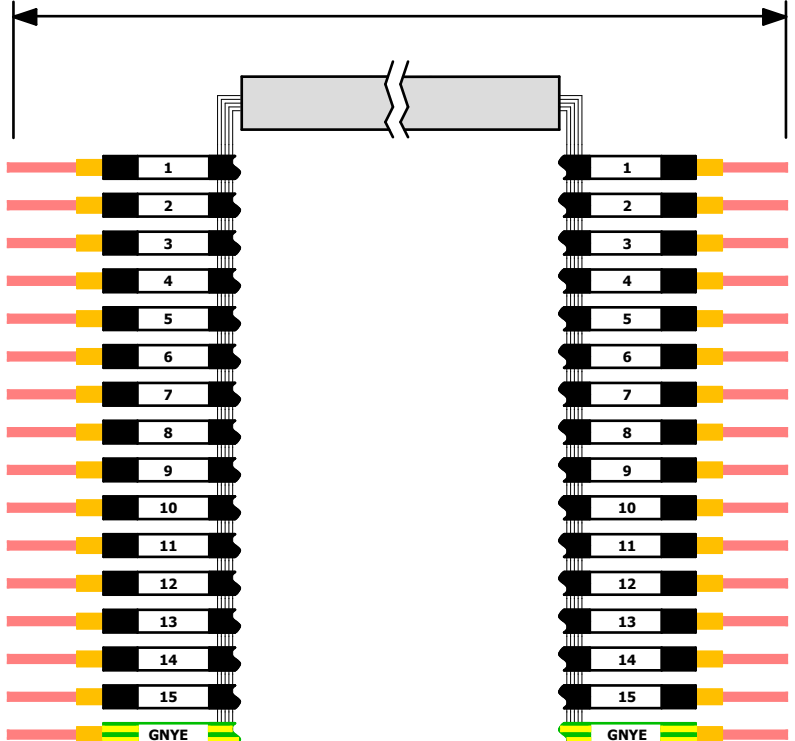


Function text target	Target	Position target
Decanter Screw Motor	+D-M11A:U1	&4/6.3
=	+D-M11A:V1	&4/6.3
=	+D-M11A:W1	&4/6.3
=	+D-M11A:PE	&4/6.3

<div><div>Cable name</div><div>+P-W100.1</div></div> <div><div>Cable type</div><div>LIYCY 4G0,75 mm²</div></div> <div><div>Function text</div><div></div></div>			<div><div>+P-W100.1</div><div></div></div>			<div><div>Cable article</div><div>KABLO LIYCY 4G0,75</div></div> <div><div>Order number</div><div></div></div> <div><div>Free wires</div><div>0</div></div>		
Position source	Source	Function text source				Function text target	Target	Position target
&4/25.1	-X100:2:2	Decantor Speed Sensor Power Supply +				Decantor Speed Sensor Power Supply +	+D-X100:2:2	&4/25.1
&4/25.2	-X100:3:2	Decantor Speed Sensor Power Supply -				Decantor Speed Sensor Power Supply -	+D-X100:3:2	&4/25.2
&4/25.2	-X100:13:2	Decanter Bowl Speed Sensor				Decanter Bowl Speed Sensor	+D-X100:13:2	&4/25.2
&4/25.2	-X100:16:2	Decanter Scroll Speed Sensor				Decanter Scroll Speed Sensor	+D-X100:16:2	&4/25.2
&4/25.1	-X100:PE:2	GND				GND	-W100.1:SH	&4/25.1

Cable name	+P-W100.2		Cable article	KABLO LIYCY 4G0,75	
Cable type	LIYCY 4G0,75 mm²		Order number		
Function text			Free wires	0	
Position source	Source	Function text source	Function text target	Target	Position target
&4/25.5	-X100:2:2	Decanter Vibration Sensor Power Supply +	Decanter Vibration Sensor Power Supply +	+D-X100:2:2	&4/25.5
&4/25.5	-X100:3:2	Decanter Vibration Sensor Power Supply -	Decanter Vibration Sensor Power Supply -	+D-X100:3:2	&4/25.5
&4/25.6	-X100:56:2	Decanter Liquid Side Vibration Sensor	Decanter Liquid Side Vibration Sensor	+D-X100:56:2	&4/25.6
&4/25.6	-X100:57:2	Decanter Solid Side Vibration Sensor	Decanter Solid Side Vibration Sensor	+D-X100:57:2	&4/25.6
&4/25.8	-X100:PE:2	GND	GND	-W100.2:SH	&4/25.5

+P-W100.2

<div>Cable name+P-W100.3</div> <div>Cable typeNYSLYÖ-J 16G0,75 mm²</div> <div>Function text</div>			<div>+P-W100.3</div> <div></div>		<div>Cable articleKABLO NYSLYÖ-J 16G0,75</div> <div>Order number</div> <div>Free wires0</div>		
Position source	Source	Function text source	Function text target	Target	Position target		
&4/25.2	-X100:1/U13:2	Lubrication Pump Power Supply +	Lubrication Pump Power Supply +	+D-X100:1/U13:2	&4/25.2		
&4/25.3	-X100:1/3:2	Lubrication Pump Power Supply -	Lubrication Pump Power Supply -	+D-X100:1/3:2	&4/25.3		
&4/25.3	-X100:2:2	Lubrication Pump Flow Sensor Power Supply	Lubrication Pump Flow Sensor Power Supply +	+D-X100:2:2	&4/25.3		
&4/25.3	-X100:3:2	Lubrication Pump Flow Sensor Power Supply	Lubrication Pump Flow Sensor Power Supply -	+D-X100:3:2	&4/25.3		
&4/25.4	-X100:22:2	Lubrication Pump Flow Sensor	Lubrication Pump Flow Sensor	+D-X100:22:2	&4/25.4		
&4/25.4	-X100:52:2	Decanter Liquid Side Temperature	Decanter Liquid Side Temperature	+D-X100:52:2	&4/25.4		
&4/25.4	-X100:53:2	=	=	+D-X100:53:2	&4/25.4		
&4/25.4	-X100:54:2	Decanter Solid Side Temperature	Decanter Solid Side Temperature	+D-X100:54:2	&4/25.4		
&4/25.5	-X100:55:2	=	=	+D-X100:55:2	&4/25.5		
&4/25.6	-X100:300:2	Emergency Stop	Emergency Stop	+D-X100:300:2	&4/25.6		
&4/25.6	-X100:301:2	=	=	+D-X100:301:2	&4/25.6		
&4/25.7	-X100:303:2	=	=	+D-X100:303:2	&4/25.7		
&4/25.7	-X100:304:2	=	=	+D-X100:304:2	&4/25.7		
&4/25.7	-X100:2:2	Cover Switch	Cover Switch	+D-X100:2:2	&4/25.7		
&4/25.8	-X100:311:2	=	=	+D-X100:311:2	&4/25.8		
&4/25.8	-X100:PE:2	GND	GND	+D-X100:PE:2	&4/25.8		