

### Step 5: Connect I/O (X7 and X8 Connectors)

Connect required I/O according to the configuration shown in Figure 8. All pins are configurable; factory presets are shown in the pin configuration table.

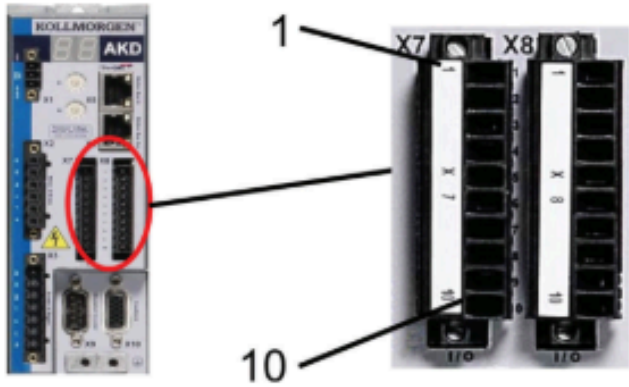
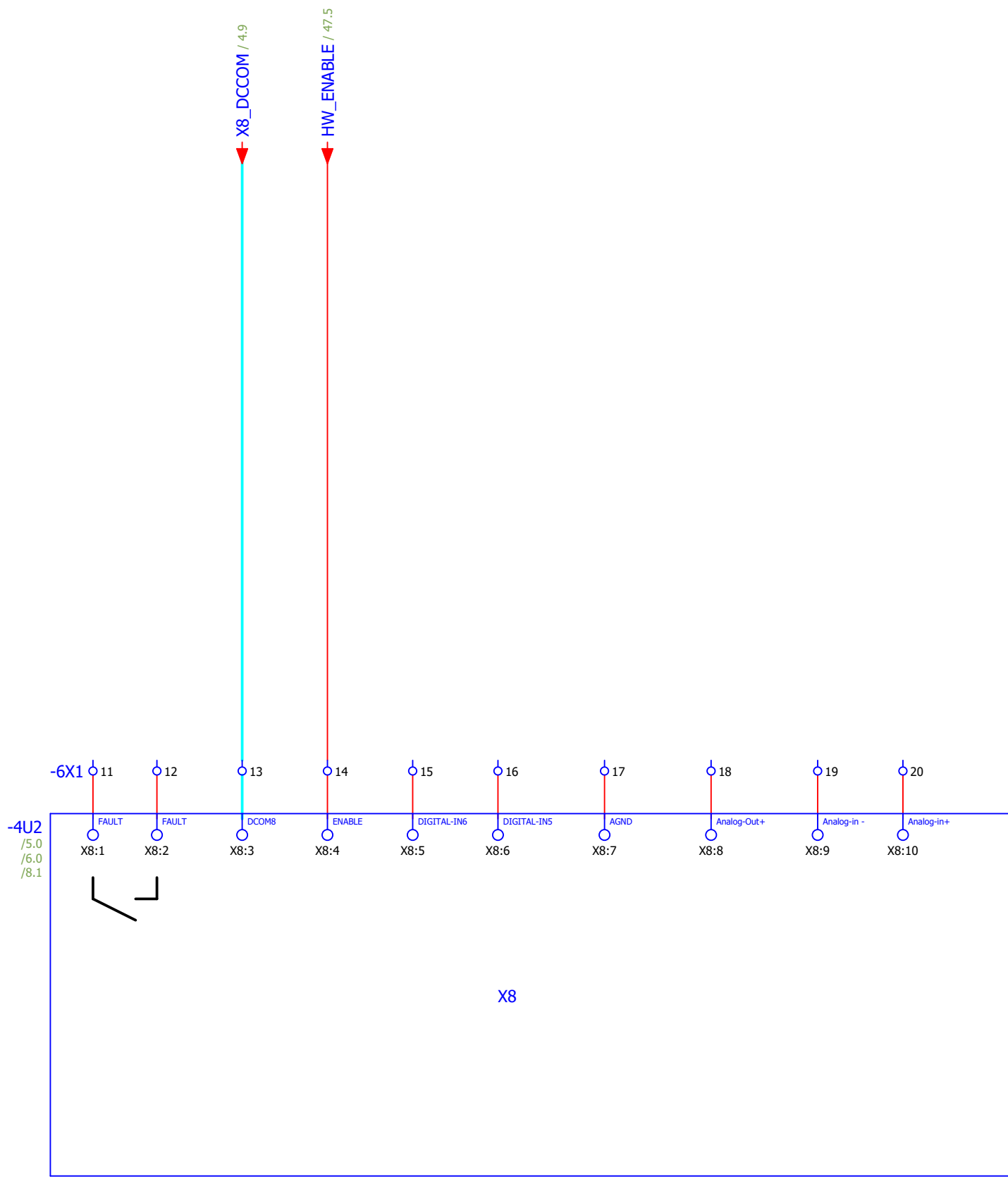


Figure 8. I/O Connection Pin Configuration

Connector	Pin	Signal	Recommended Function	Specials
X7	1	Digital Common X7	Common line for X7 pins 2,3,4,9	N/A
X7	2	Digital Input 7	Programmable	N/A
X7	3	Digital Input 4	Programmable	N/A
X7	4	Digital Input 3	Programmable	N/A
X7	5	Digital Output 2-	Programmable	N/A
X7	6	Digital Output 2+	Programmable	N/A
X7	7	Digital Output 1-	Programmable	N/A
X7	8	Digital Output 1+	Programmable	N/A
X7	9	Digital Input 2	Reference Point	High speed
X7	10	Digital Input 1	Home Switch	High speed
X8	1	Fault Relay Output	Fault Relay Output	N/A
X8	2	Fault Relay Output	Fault Relay Output	N/A
X8	3	Digital Common X8	Common line for X8 pins 4, 5, 6	N/A
X8	4	Digital Input 8	Hardware enable	Not programmable
X8	5	Digital Input 6	Programmable	N/A
X8	6	Digital Input 5	Programmable	N/A
X8	7	Analog Ground	Analog GND	N/A
X8	8	Analog Output +	Actual velocity voltage	N/A
X8	9	Analog Input -		N/A
X8	10	Analog Input +		N/A



## Step 5: Connect I/O (X7 and X8 Connectors)

Connect required I/O according to the configuration shown in Figure 8. All pins are configurable; factory presets are shown in the pin configuration table.

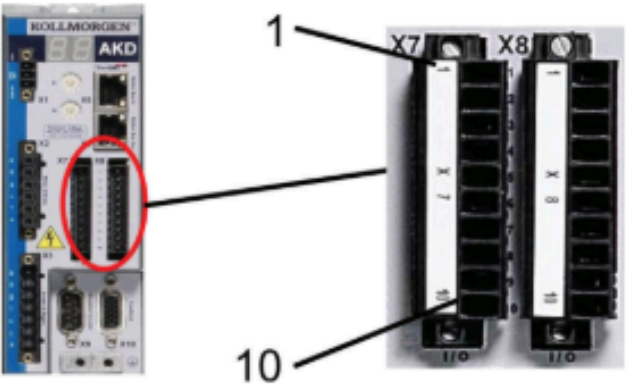
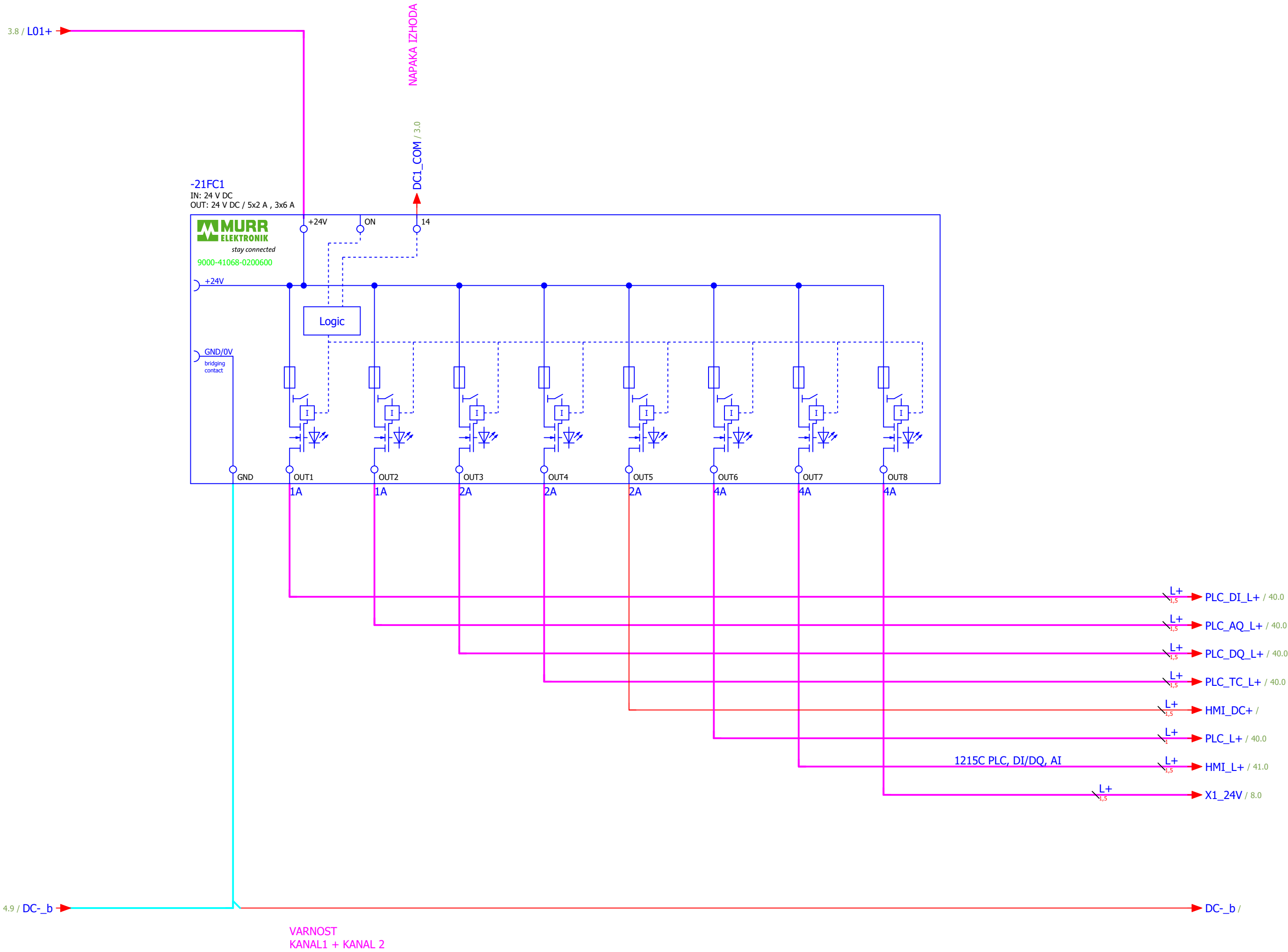


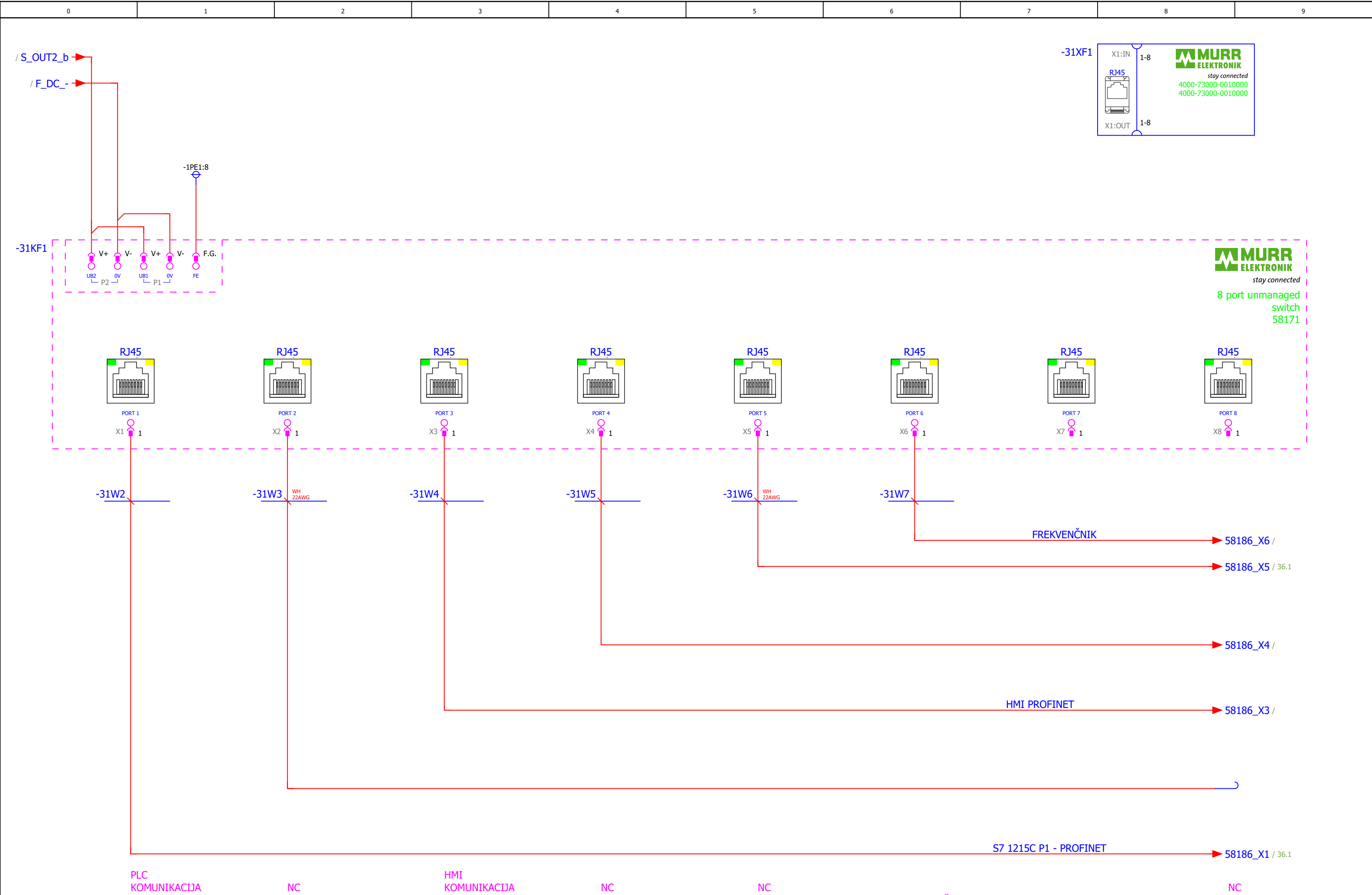
Figure 8. I/O Connection Pin Configuration

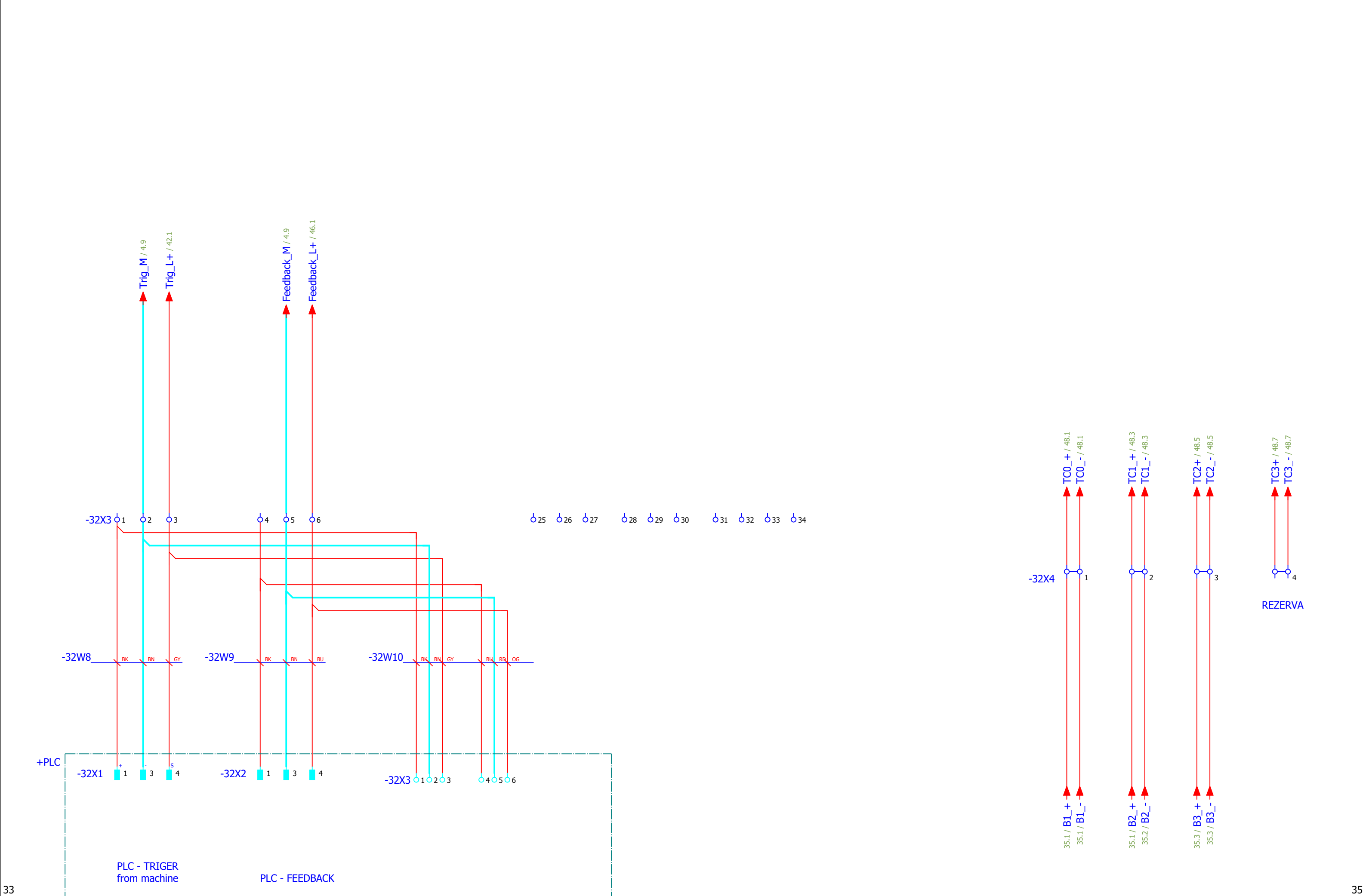
Connector	Pin	Signal	Recommended Function	Specials
X7	1	Digital Common X7	Common line for X7 pins 2,3,4,9	N/A
X7	2	Digital Input 7	Programmable	N/A
X7	3	Digital Input 4	Programmable	N/A
X7	4	Digital Input 3	Programmable	N/A
X7	5	Digital Output 2-	Programmable	N/A
X7	6	Digital Output 2+	Programmable	N/A
X7	7	Digital Output 1-	Programmable	N/A
X7	8	Digital Output 1+	Programmable	N/A
X7	9	Digital Input 2	Reference Point	High speed
X7	10	Digital Input 1	Home Switch	High speed
X8	1	Fault Relay Output	Fault Relay Output	N/A
X8	2	Fault Relay Output	Fault Relay Output	N/A
X8	3	Digital Common X8	Common line for X8 pins 4, 5, 6	N/A
X8	4	Digital Input 8	Hardware enable	Not programmable
X8	5	Digital Input 6	Programmable	N/A
X8	6	Digital Input 5	Programmable	N/A
X8	7	Analog Ground	Analog GND	N/A
X8	8	Analog Output +	Actual velocity voltage	N/A
X8	9	Analog Input -		N/A
X8	10	Analog Input +		N/A





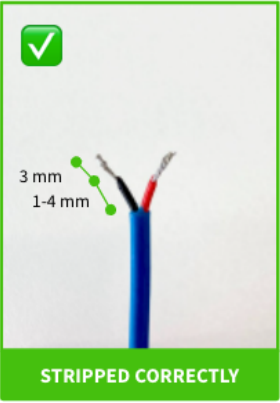




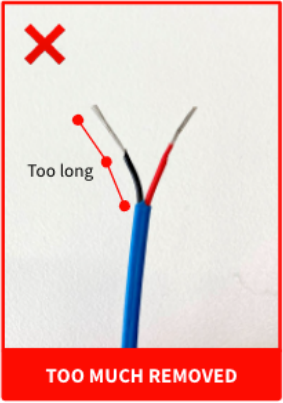


33

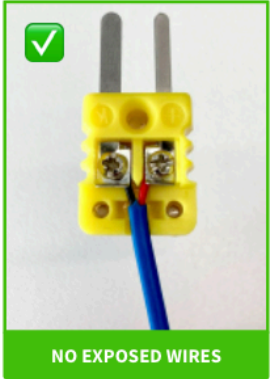
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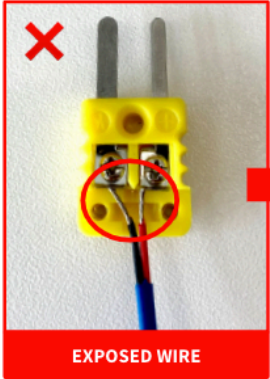
Only remove a minimum amount of cable insulation material as illustrated



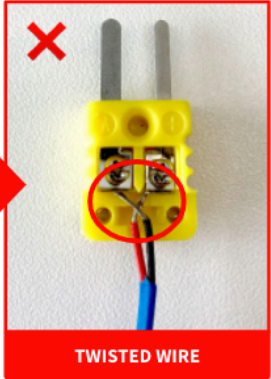
When removing too much, the risk of exposed wires inside the connector is high



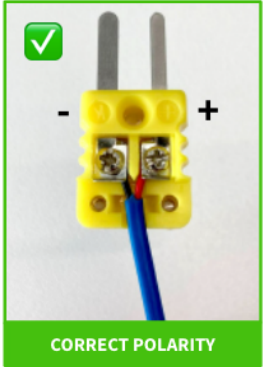
When assembling the connector, ensure that the wires are not exposed and visible



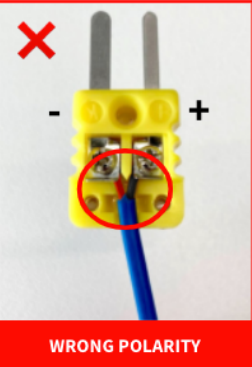
When removing too much, the risk of exposed wires inside the connector is high



Twisted wires can form a short circuit that results in wrong measurements

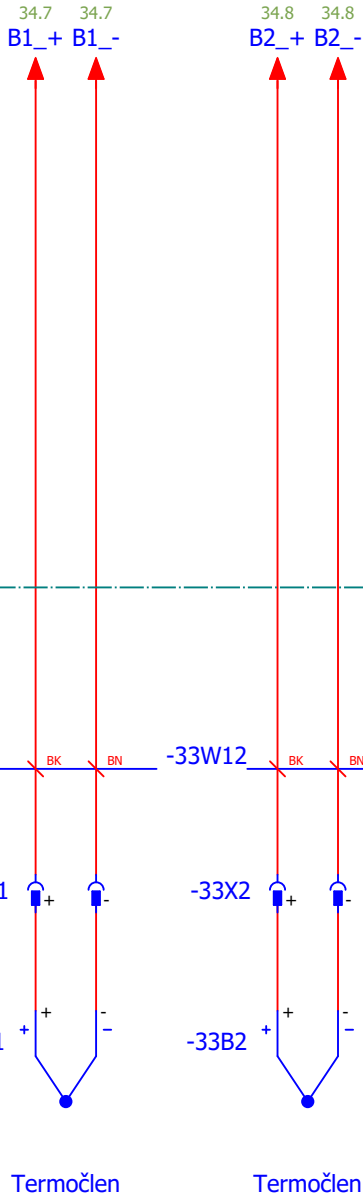


When assembling the connector, ensure that plus and minus are connected as illustrated

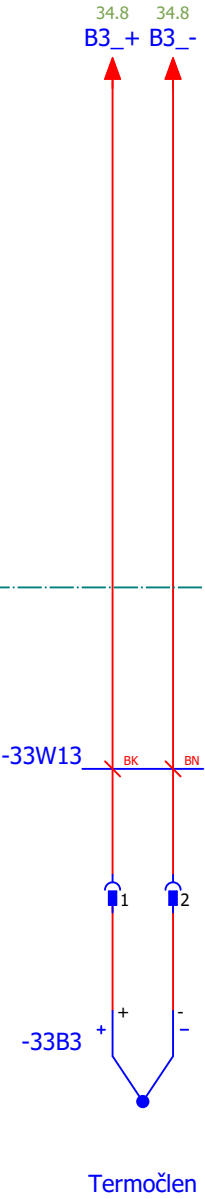


If the wires are swapped around you will get incorrect measurements \*

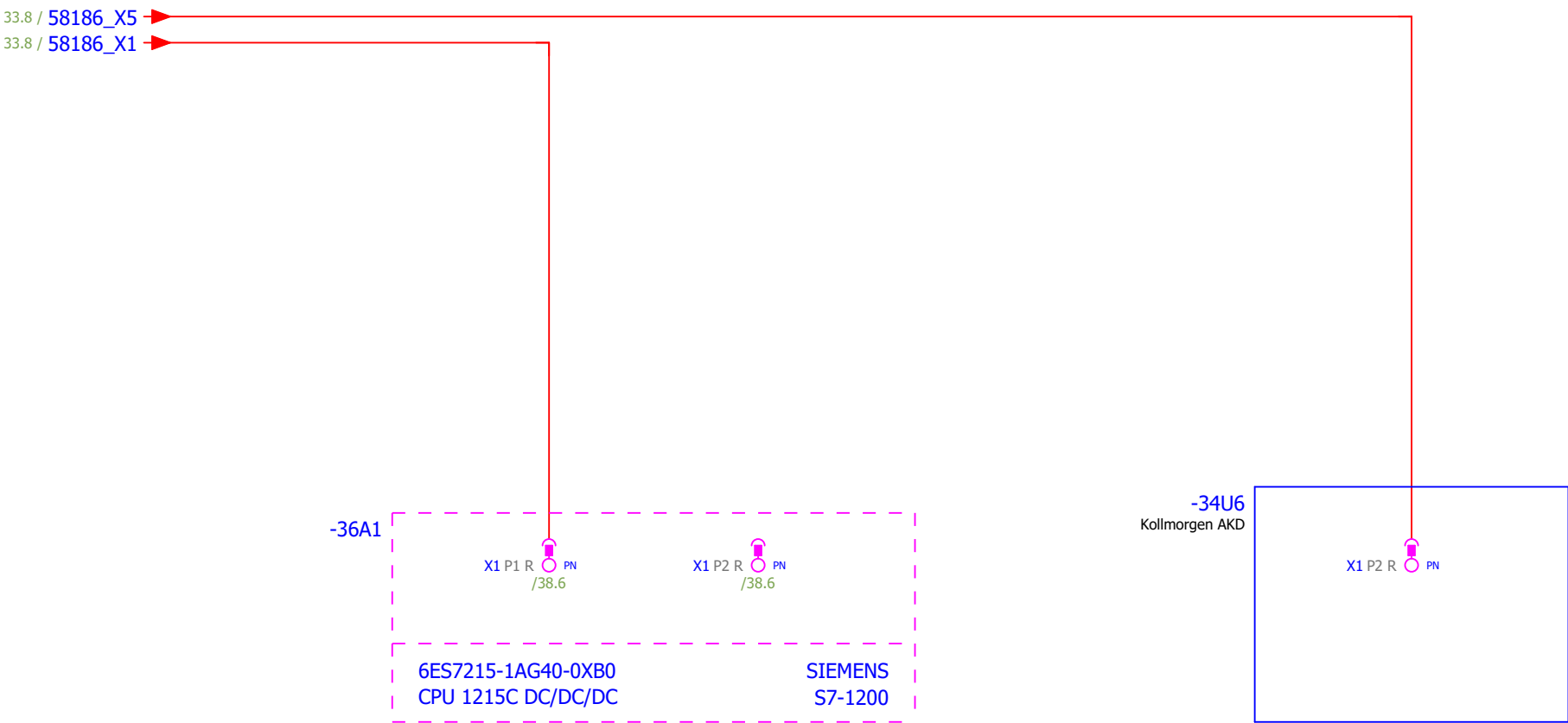
MERJENJE TEMP. ORODJA



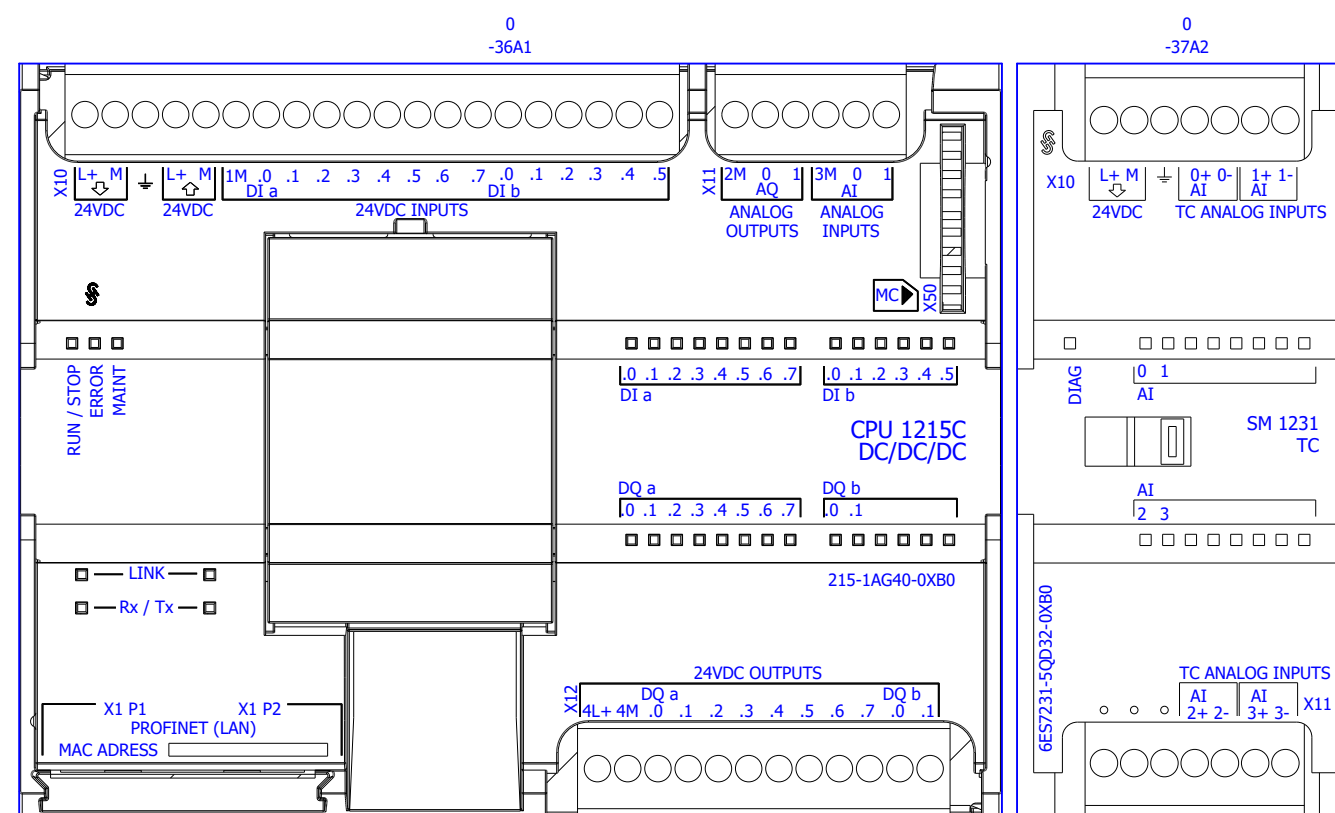
MERJENJE TEMP. KABINE/OKOLICE



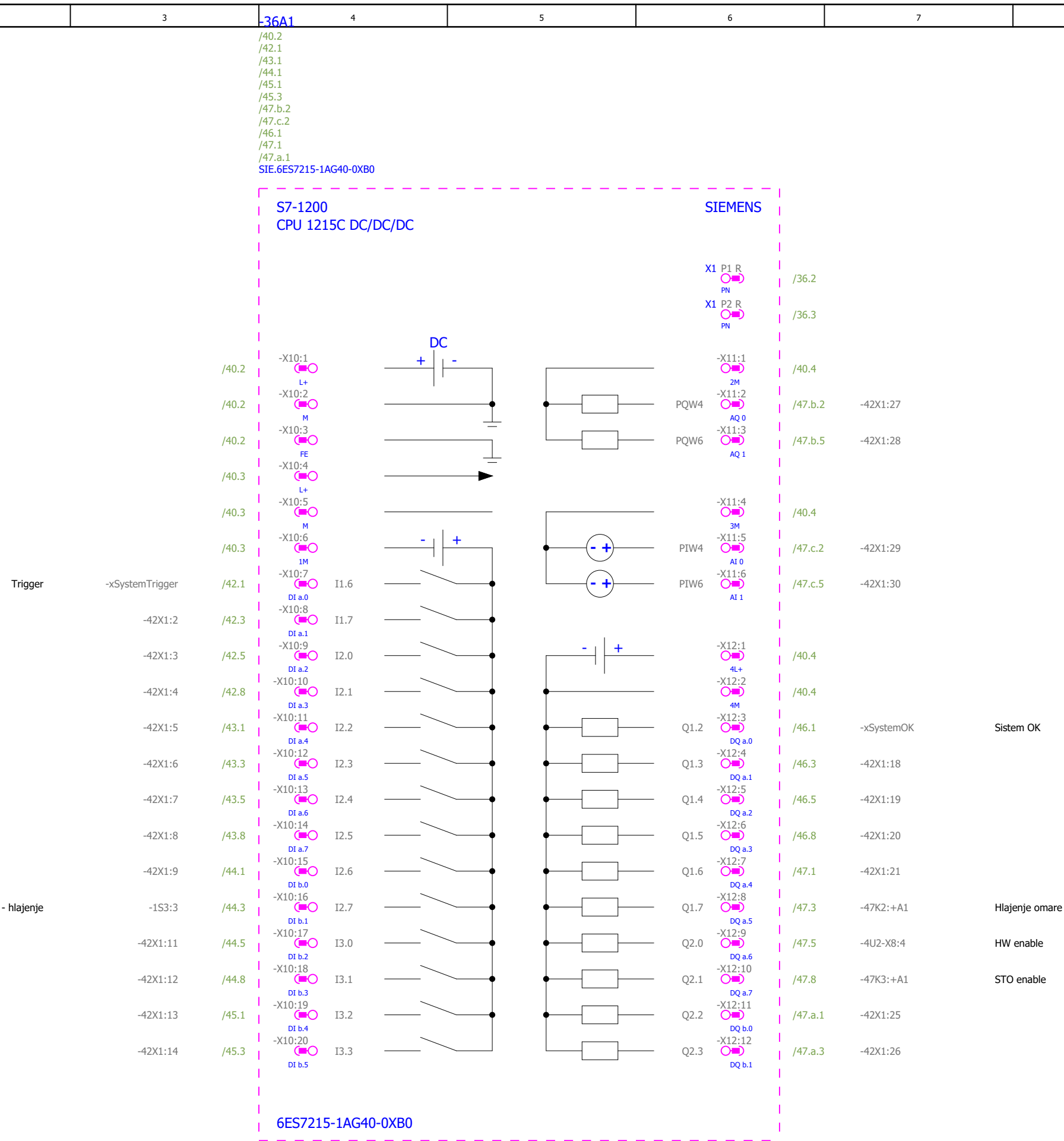
+FIELD



0	1	2	3	4	5	6	7	8	9
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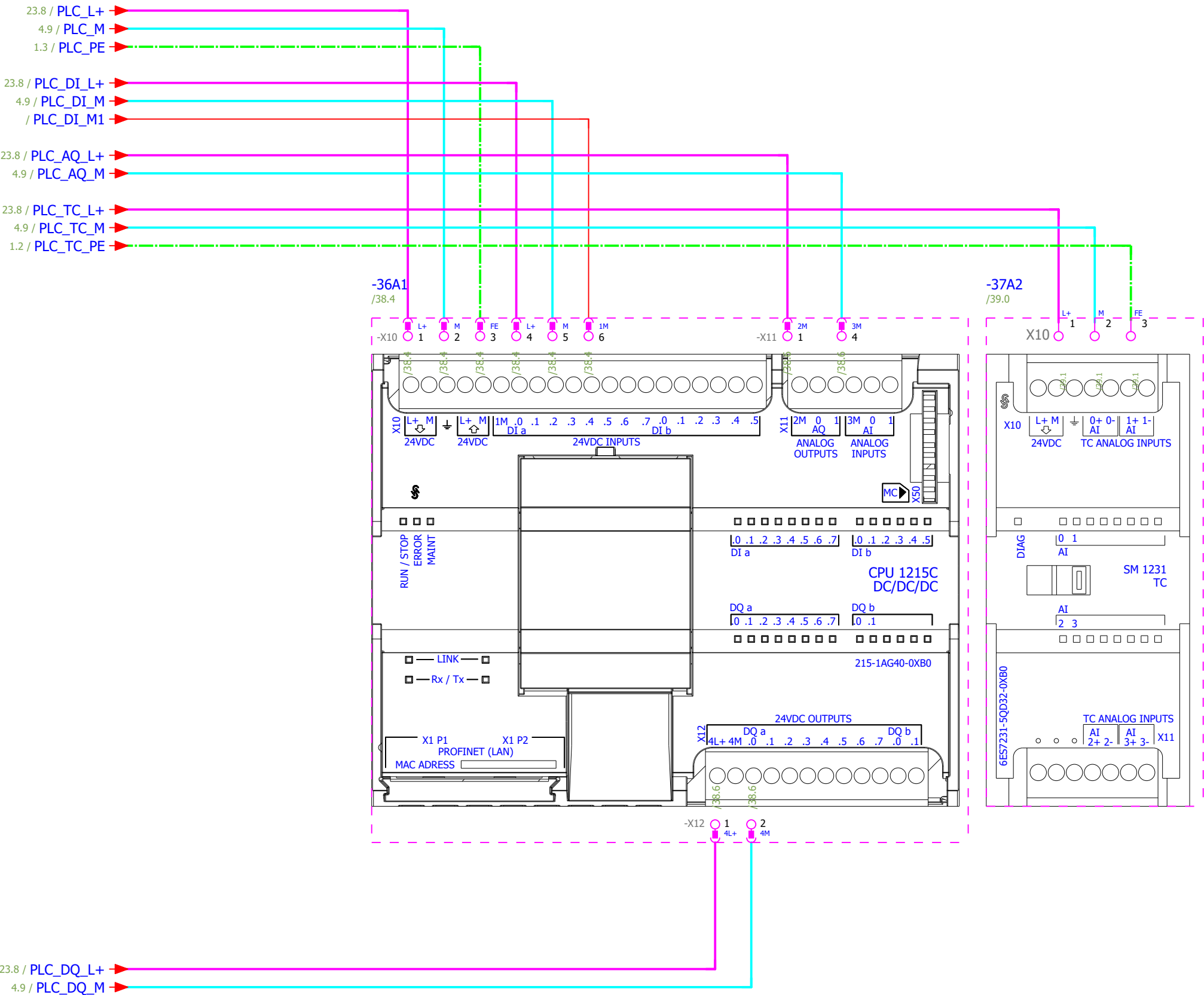


0	1	2	3	4	5	6	7	8	9
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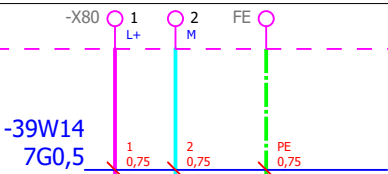
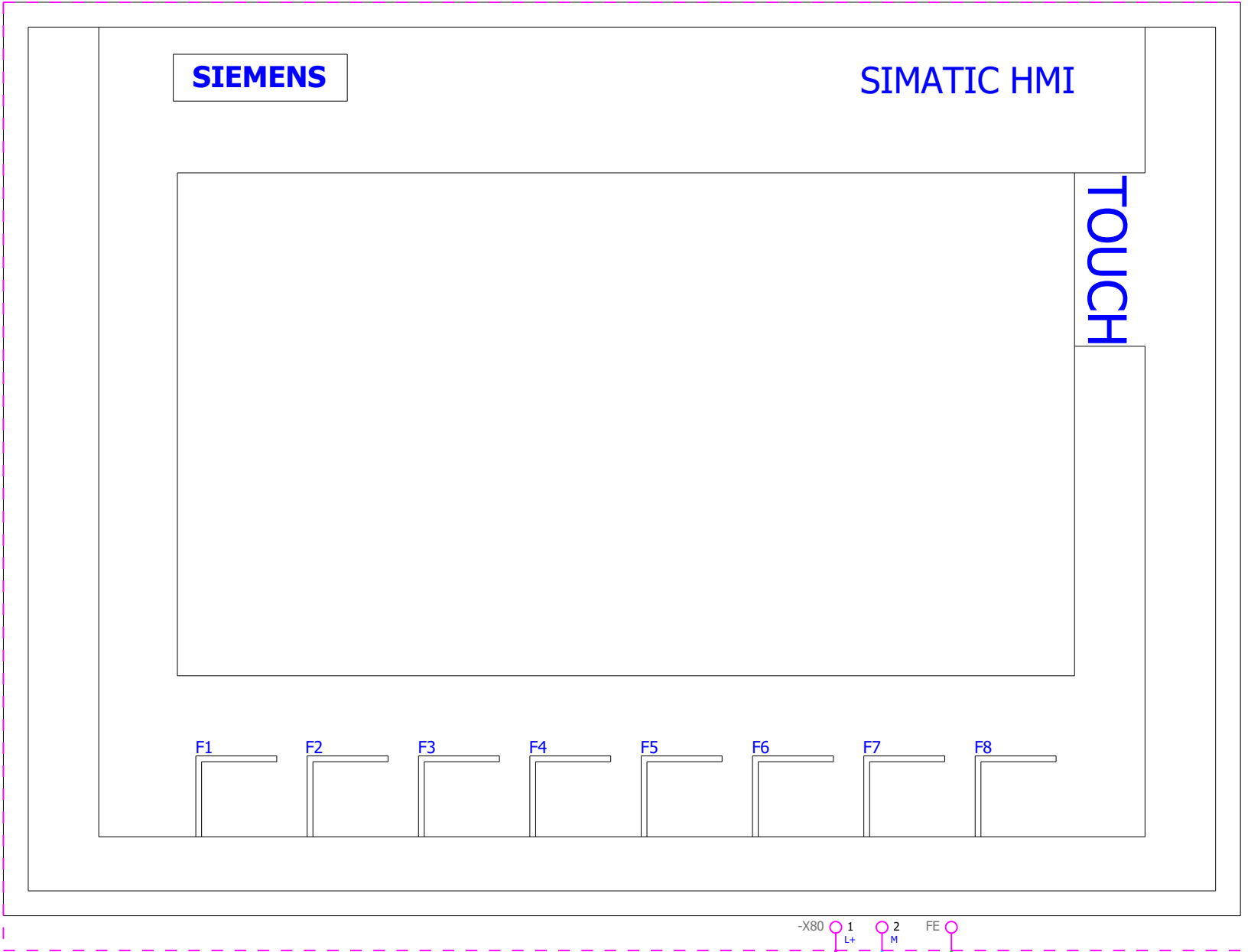






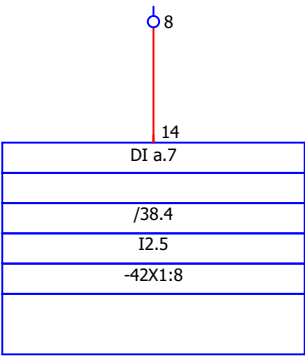
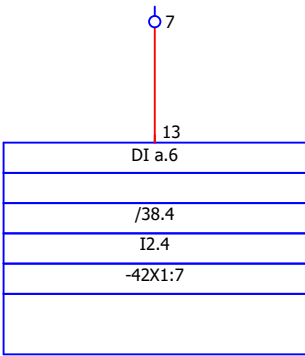
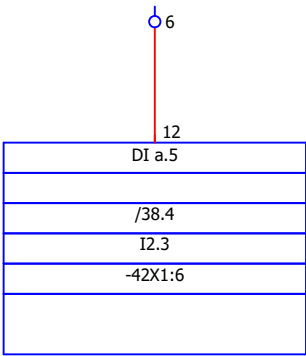
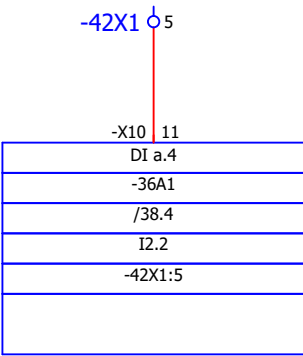
+FIELD

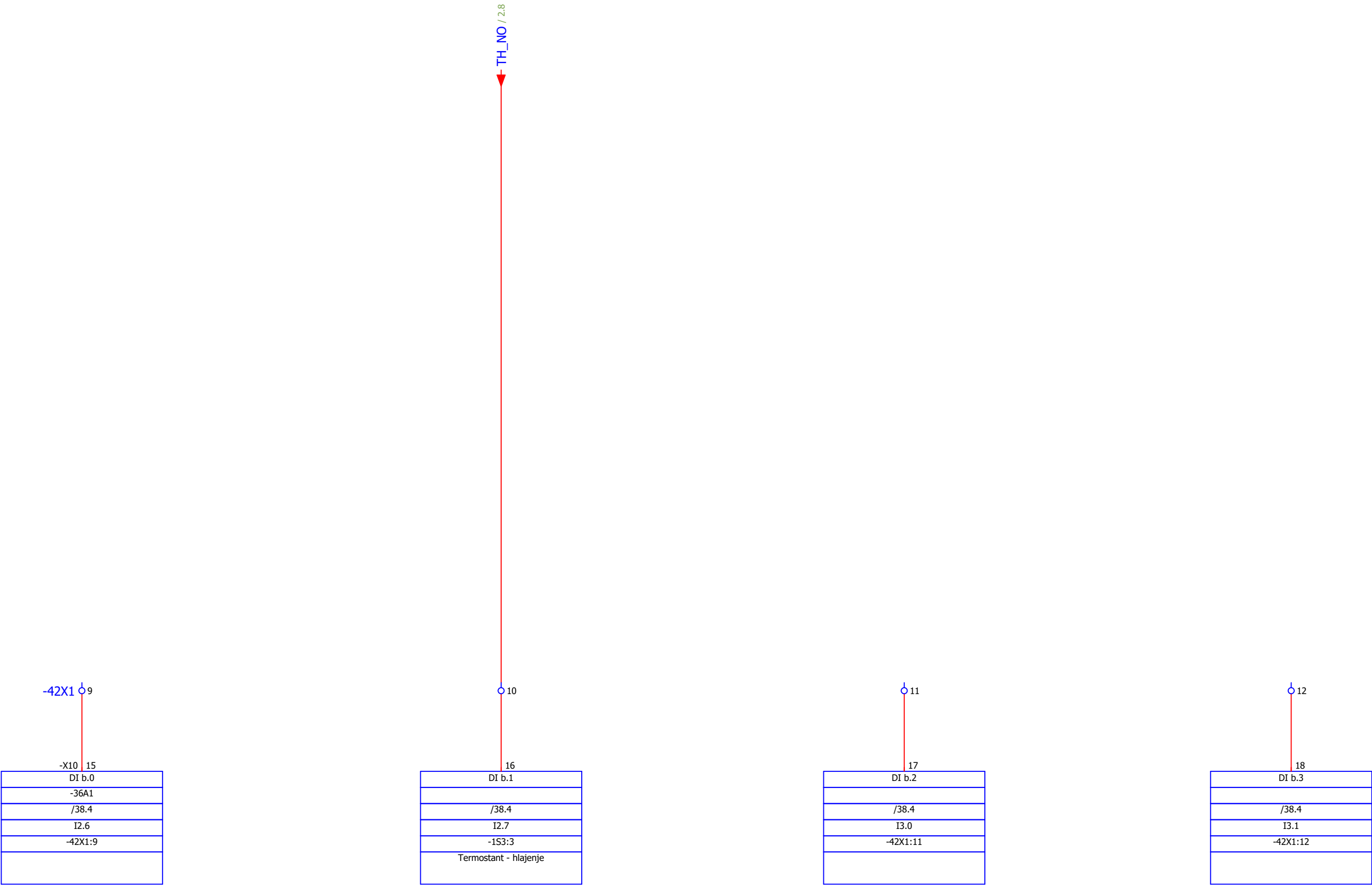
-39A1



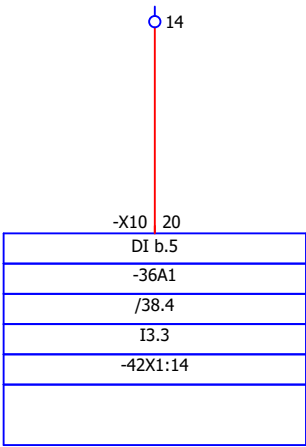
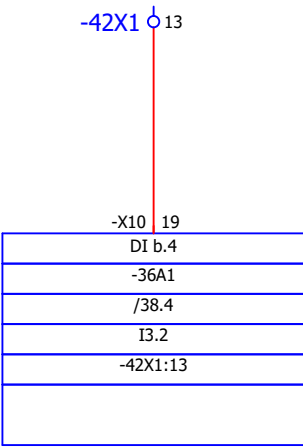
23.8 / HMI\_L+ →  
4.9 / HMI\_M →  
1.3 / HMI\_PE →







Termostant - hlajenje



Sistem OK
+PLC-32X2:4
Q1.2
/38.6
-36A1
DQ a.0
-X12 3

-42X1 17

-42X1:18
Q1.3
/38.6
DQ a.1
4

18

-42X1:19
Q1.4
/38.6
DQ a.2
5

19

-42X1:20
Q1.5
/38.6
DQ a.3
6

20



34.2 / Feedback\_L+

Sistem OK

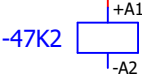


-42X1:21
Q1.6
/38.6
-36A1
DQ a.4
-X12 7

-42X1 21

Hlajenje omare
-47K2:+A1
Q1.7
/38.6
DQ a.5
8

22



14 (NO) 11 (COM) /2.1  
12 (NC) 24 (NO) 22 (NC) 21 (COM)

Hlajenje omare

HW enable
-4U2-X8:4
Q2.0
/38.6
DQ a.6
9

23

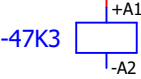


7.1 / HW\_ENABLE

HW enable

STO enable
-47K3:+A1
Q2.1
/38.6
DQ a.7
10

24



14 (NO) 11 (COM) /8.2  
12 (NC) 24 (NO) 22 (NC) 21 (COM)

STO enable



-42X1 27

-X11 2

AQ 0

-36A1

/38.6

PQW4

-42X1:27

28

3

AQ 1

/38.6

PQW6

-42X1:28

0	1	2	3	4	5	6	7	8	9
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-42X1 29

-X11 5

AI 0
-36A1
/38.6
PIW4
-42X1:29

30

6

AI 1
/38.6
PIW6
-42X1:30



0	1	2	3	4	5	6	7	8	9
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=+		
Properties		
Trade	Electrical engineering	
Function text (automatic)	NC	
References		
Multi-line	=+	=LIN1+OMA1/33.8

4W1		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	4W1	=LIN1+OMA1/5.1

# 31W2

## Properties

Trade	Electrical engineering
Function text (automatic)	PLC KOMUNIKACIJA
Cable type	ETHERLINE® PN Cat.5e Y
Cable: No. of conductors	4
Cable: Conductor cross-section / diameter	22

## Part properties

Parts: LAPP.2170891 Variant: 1

Part type	Component
Order number	2170891
Designation 1	Profinet 2pair cabling Cat.5/5e PVC fixed 2X2X22AWG
Description	Data Communication Systems For ETHERNET-Technology / Accessories for Industrial networking / LAN-cables for industrial cabling
Manufacturer	LAPP
Supplier	LAPP
Height	0,00 mm
Width	0,00 mm
Depth	0,00 mm
Weight	0,00 kg

## References

Multi-line	31W2	=LIN1+OMA1/33.0
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# 31W3

## Properties

Trade	Electrical engineering
Function text (automatic)	NC
Cable type	ETHERLINE® PN Cat.5e Y
Cable: No. of conductors	4
Cable: Conductor cross-section / diameter	22

## Part properties

Parts: LAPP.2170891 Variant: 1

Part type	Component
Order number	2170891
Designation 1	Profinet 2pair cabling Cat.5/5e PVC fixed 2X2X22AWG
Description	Data Communication Systems For ETHERNET-Technology / Accessories for Industrial networking / LAN-cables for industrial cabling
Manufacturer	LAPP
Supplier	LAPP
Height	0,00 mm
Width	0,00 mm
Depth	0,00 mm
Weight	0,00 kg

## References

Multi-line	31W3	=LIN1+OMA1/33.1
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# 31W4

## Properties

Trade	Electrical engineering
Function text (automatic)	HMI KOMUNIKACIJA
Cable type	ETHERLINE® PN Cat.5e Y
Cable: No. of conductors	4
Cable: Conductor cross-section / diameter	22

## Part properties

Parts: LAPP.2170891 Variant: 1

Part type	Component
Order number	2170891
Designation 1	Profinet 2pair cabling Cat.5/5e PVC fixed 2X2X22AWG
Description	Data Communication Systems For ETHERNET-Technology / Accessories for Industrial networking / LAN-cables for industrial cabling
Manufacturer	LAPP
Supplier	LAPP
Height	0,00 mm
Width	0,00 mm
Depth	0,00 mm
Weight	0,00 kg

## References

Multi-line	31W4	=LIN1+OMA1/33.3
------------	------	-----------------

# 31W5

## Properties

Trade	Electrical engineering
Function text (automatic)	NC
Cable type	ETHERLINE® PN Cat.5e Y
Cable: No. of conductors	4
Cable: Conductor cross-section / diameter	22

## Part properties

Parts: LAPP.2170891 Variant: 1

Part type	Component
Order number	2170891
Designation 1	Profinet 2pair cabling Cat.5/5e PVC fixed 2X2X22AWG
Description	Data Communication Systems For ETHERNET-Technology / Accessories for Industrial networking / LAN-cables for industrial cabling
Manufacturer	LAPP
Supplier	LAPP
Height	0,00 mm
Width	0,00 mm
Depth	0,00 mm
Weight	0,00 kg

## References

Multi-line	31W5	=LIN1+OMA1/33.4
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# 31W6

## Properties

Trade	Electrical engineering
Function text (automatic)	NC
Cable type	ETHERLINE® PN Cat.5e Y
Cable: No. of conductors	4
Cable: Conductor cross-section / diameter	22

## Part properties

Parts: LAPP.2170891 Variant: 1

Part type	Component
Order number	2170891
Designation 1	Profinet 2pair cabling Cat.5/5e PVC fixed 2X2X22AWG
Description	Data Communication Systems For ETHERNET-Technology / Accessories for Industrial networking / LAN-cables for industrial cabling
Manufacturer	LAPP
Supplier	LAPP
Height	0,00 mm
Width	0,00 mm
Depth	0,00 mm
Weight	0,00 kg

## References

Multi-line	31W6	=LIN1+OMA1/33.5
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## 31W7

### Properties

Trade	Electrical engineering
Function text (automatic)	FREKVENČNIK
Cable type	ETHERLINE® PN Cat.5e Y
Cable: No. of conductors	4
Cable: Conductor cross-section / diameter	22

### Part properties

Parts: LAPP.2170891 Variant: 1

Part type	Component
Order number	2170891
Designation 1	Profinet 2pair cabling Cat.5/5e PVC fixed 2X2X22AWG
Description	Data Communication Systems For ETHERNET-Technology / Accessories for Industrial networking / LAN-cables for industrial cabling
Manufacturer	LAPP
Supplier	LAPP
Height	0,00 mm
Width	0,00 mm
Depth	0,00 mm
Weight	0,00 kg

### References

Multi-line	31W7	=LIN1+OMA1/33.6
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## 32W8

### Properties

Trade	Electrical engineering
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### Part properties

Parts: Variant:

Part type	Undefined
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### References

Multi-line	32W8	=LIN1+OMA1/34.0
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32W9		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	32W9	=LIN1+OMA1/34.1

32W10		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	32W10	=LIN1+OMA1/34.2

33W11		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	33W11	=LIN1+OMA1/35.0

33W12		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	33W12	=LIN1+OMA1/35.1

33W13		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	33W13	=LIN1+OMA1/35.3

39W14		
Properties		
Trade	Electrical engineering	
Cable: No. of conductors	7G	
Cable: Conductor cross-section / diameter	0,5	
Part properties		
Parts: 7G075 Variant: 1		
Part type	Component	
Height	0,00 mm	
Width	0,00 mm	
Depth	0,00 mm	
Weight	0,00 kg	
References		
Multi-line	39W14	=LIN1+OMA1/41.5

=LIN1+OMA1-36A1

Properties	
Trade	Electrical engineering

Part properties	
Parts: Variant:	
Part type	Undefined
Parts: SIE.6ES7215-1AG40-0XB0 Variant: 1	
Part type	Component
Order number	6ES7215-1AG40-0XB0
Designation 1	CPU 1215C, DC/DC/DC, 14DI/10DO/2AI/2AO
Designation 2	SIMATIC, S7-1200
Designation 3	Central processing unit
Description	SIMATIC S7-1200, CPU 1215C, compact CPU, DC/DC/DC, 2 PROFINET ports, onboard I/O: 14 DI 24 V DC/ 10 DO 24 V DC/ 0.5A/ 2 AI 0-10 V DC, 2 AO 0-20 mA DC, Power supply: DC 20.4-28.8V DC, Program/data memory 125 KB
Manufacturer	Siemens
Supplier	Siemens
Height	100,00 mm
Width	130,00 mm
Depth	75,00 mm
Weight	0,45 kg

References		
Overview	=LIN1+OMA1-36A1	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1	=LIN1+OMA1/40.2
Single-line	=LIN1+OMA1-36A1	=LIN1+OMA1/36.1
Multi-line	=LIN1+OMA1-36A1:1	=LIN1+OMA1/40.2
Overview	=LIN1+OMA1-36A1:1	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:2	=LIN1+OMA1/40.2
Overview	=LIN1+OMA1-36A1:2	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:3	=LIN1+OMA1/40.2
Overview	=LIN1+OMA1-36A1:3	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:4	=LIN1+OMA1/40.3
Overview	=LIN1+OMA1-36A1:4	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:5	=LIN1+OMA1/40.3
Overview	=LIN1+OMA1-36A1:5	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:6	=LIN1+OMA1/40.3
Overview	=LIN1+OMA1-36A1:6	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:7	=LIN1+OMA1/42.1
Overview	=LIN1+OMA1-36A1:7	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:8	=LIN1+OMA1/42.3
Overview	=LIN1+OMA1-36A1:8	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:9	=LIN1+OMA1/42.5
Overview	=LIN1+OMA1-36A1:9	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:10	=LIN1+OMA1/42.8
Overview	=LIN1+OMA1-36A1:10	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:11	=LIN1+OMA1/43.1
Overview	=LIN1+OMA1-36A1:11	=LIN1+OMA1/38.4



# =LIN1+OMA1-36A1

Multi-line	=LIN1+OMA1-36A1:12	=LIN1+OMA1/43.3
Overview	=LIN1+OMA1-36A1:12	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:13	=LIN1+OMA1/43.5
Overview	=LIN1+OMA1-36A1:13	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:14	=LIN1+OMA1/43.8
Overview	=LIN1+OMA1-36A1:14	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:15	=LIN1+OMA1/44.1
Overview	=LIN1+OMA1-36A1:15	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:16	=LIN1+OMA1/44.3
Overview	=LIN1+OMA1-36A1:16	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:17	=LIN1+OMA1/44.5
Overview	=LIN1+OMA1-36A1:17	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:18	=LIN1+OMA1/44.8
Overview	=LIN1+OMA1-36A1:18	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:19	=LIN1+OMA1/45.1
Overview	=LIN1+OMA1-36A1:19	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:20	=LIN1+OMA1/45.3
Overview	=LIN1+OMA1-36A1:20	=LIN1+OMA1/38.4
Multi-line	=LIN1+OMA1-36A1:1	=LIN1+OMA1/40.4
Overview	=LIN1+OMA1-36A1:1	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:2	=LIN1+OMA1/47.b.2
Overview	=LIN1+OMA1-36A1:2	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:3	=LIN1+OMA1/47.b.5
Overview	=LIN1+OMA1-36A1:3	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:4	=LIN1+OMA1/40.4
Overview	=LIN1+OMA1-36A1:4	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:5	=LIN1+OMA1/47.c.2
Overview	=LIN1+OMA1-36A1:5	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:6	=LIN1+OMA1/47.c.5
Overview	=LIN1+OMA1-36A1:6	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:1	=LIN1+OMA1/40.4
Overview	=LIN1+OMA1-36A1:1	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:2	=LIN1+OMA1/40.4
Overview	=LIN1+OMA1-36A1:2	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:3	=LIN1+OMA1/46.1
Overview	=LIN1+OMA1-36A1:3	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:4	=LIN1+OMA1/46.3
Overview	=LIN1+OMA1-36A1:4	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:5	=LIN1+OMA1/46.5
Overview	=LIN1+OMA1-36A1:5	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:6	=LIN1+OMA1/46.8
Overview	=LIN1+OMA1-36A1:6	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:7	=LIN1+OMA1/47.1
Overview	=LIN1+OMA1-36A1:7	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:8	=LIN1+OMA1/47.3
Overview	=LIN1+OMA1-36A1:8	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:9	=LIN1+OMA1/47.5
Overview	=LIN1+OMA1-36A1:9	=LIN1+OMA1/38.6

=LIN1+OMA1-36A1

Multi-line	=LIN1+OMA1-36A1:10	=LIN1+OMA1/47.8
Overview	=LIN1+OMA1-36A1:10	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:11	=LIN1+OMA1/47.a.1
Overview	=LIN1+OMA1-36A1:11	=LIN1+OMA1/38.6
Multi-line	=LIN1+OMA1-36A1:12	=LIN1+OMA1/47.a.3
Overview	=LIN1+OMA1-36A1:12	=LIN1+OMA1/38.6
	=LIN1+OMA1-36A1	=LIN1+OMA1/38.6
Single-line	=LIN1+OMA1-36A1	=LIN1+OMA1/36.2
Overview	=LIN1+OMA1-36A1	=LIN1+OMA1/38.6
Single-line	=LIN1+OMA1-36A1	=LIN1+OMA1/36.3
Panel layout	=LIN1+OMA1-36A1	=LIN1+OMA1/37.2

=LIN1+OMA1-37A2

Properties	
Trade	Electrical engineering

Part properties	
Parts: Variant:	
Part type	Undefined
Parts: SIE.6ES7231-5QD32-0XB0 Variant: 1	
Part type	Component
Order number	6ES7231-5QD32-0XB0
Designation 1	S7-1200, ANALOG INPUT SM 1231 TC, 4 AI
Designation 2	SIMATIC, S7-1200
Description	SIMATIC S7-1200, Analog input, SM 1231 TC, 4 AI thermocouples
Manufacturer	Siemens
Height	100,00 mm
Width	45,00 mm
Depth	75,00 mm
Weight	0,17 kg

References		
Overview	=LIN1+OMA1-37A2	=LIN1+OMA1/39.0
Multi-line	=LIN1+OMA1-37A2	=LIN1+OMA1/40.5
	=LIN1+OMA1-37A2:1	=LIN1+OMA1/40.5
Overview	=LIN1+OMA1-37A2:1	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:2	=LIN1+OMA1/40.6
Overview	=LIN1+OMA1-37A2:2	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:3	=LIN1+OMA1/40.6
Overview	=LIN1+OMA1-37A2:3	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:4	=LIN1+OMA1/48.1
Overview	=LIN1+OMA1-37A2:4	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:5	=LIN1+OMA1/48.1
Overview	=LIN1+OMA1-37A2:5	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:6	=LIN1+OMA1/48.3
Overview	=LIN1+OMA1-37A2:6	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:7	=LIN1+OMA1/48.3
Overview	=LIN1+OMA1-37A2:7	=LIN1+OMA1/39.1
	=LIN1+OMA1-37A2:1	=LIN1+OMA1/39.1
	=LIN1+OMA1-37A2:2	=LIN1+OMA1/39.1
	=LIN1+OMA1-37A2:3	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:4	=LIN1+OMA1/48.5
Overview	=LIN1+OMA1-37A2:4	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:5	=LIN1+OMA1/48.5
Overview	=LIN1+OMA1-37A2:5	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:6	=LIN1+OMA1/48.7
Overview	=LIN1+OMA1-37A2:6	=LIN1+OMA1/39.1
Multi-line	=LIN1+OMA1-37A2:7	=LIN1+OMA1/48.7
Overview	=LIN1+OMA1-37A2:7	=LIN1+OMA1/39.1
Panel layout	=LIN1+OMA1-37A2	=LIN1+OMA1/37.5

=LIN1+OMA1-1EC1

### Properties

Trade	Electrical engineering
Function text (automatic)	HLAJENJE
Engraving text	255x255

### Part properties

Parts: RIT.3240500 Variant: 1

Part type	Component
Order number	3240500
Designation 1	TopTherm fan-and-filter units
Designation 2	SK fan and filter units TopTherm, 180 m³/h, 200-240 V, 1~, 50/60 Hz, WHD: 255 x 255 x 25 mm, EC-Technology
Manufacturer	Rittal
Height	255,00 mm
Width	255,00 mm
Depth	130,40 mm
Weight	2,01 kg

### References

Multi-line	=LIN1+OMA1-1EC1	=LIN1+OMA1/2.1
	=LIN1+OMA1-1EC1:L1	=LIN1+OMA1/2.1
	=LIN1+OMA1-1EC1:N	=LIN1+OMA1/2.1
	=LIN1+OMA1-1EC1:PE	=LIN1+OMA1/2.2

=LIN1+OMA1-1F1

### Properties

Trade	Electrical engineering
Technical characteristics	C50

### Part properties

Parts: SCHR.BM017310-- Variant: 1

Part type	Component
Order number	BM017310--
Designation 1	Inštalacijski odklopnik, karak. C, 10A, 10kA, 3-polni
Description	Inštalacijski odklopnik, karak. C, 10A, 10kA, 3-polni serija B MS0, standard za izdelek EN 60898,EN 60947-2
Manufacturer	Schrack
Supplier	Schrack
Height	80,00 mm
Width	53,10 mm
Depth	74,90 mm
Weight	0,37 kg

### References

Multi-line	=LIN1+OMA1-1F1:2;1;4;3;6;5	=LIN1+OMA1/1.1
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## =LIN1+OMA1-1F2

### Properties

Trade	Electrical engineering
Technical characteristics	C2

### Part properties

Parts: SCHR.BM017302-- Variant: 1

Part type	Component
Order number	BM017302--
Designation 1	Inštalacijski odklopnik, karak. C, 2A, 3-polni, 10kA
Description	Inštalacijski odklopnik, karak. C, 2A, 3-polni, 10kA serija BM S0, standard za izdelek EN 60898,EN 60947-2
Manufacturer	Schrack
Supplier	Schrack
Height	80,00 mm
Width	53,10 mm
Depth	74,90 mm
Weight	0,37 kg

### References

Multi-line	=LIN1+OMA1-1F2:2;1;4;3;6;5	=LIN1+OMA1/1.3
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## =LIN1+OMA1-2F3

### Properties

Trade	Electrical engineering
Technical characteristics	C4/3

### Part properties

Parts: SCHR.BM017302-- Variant: 1

Part type	Component
Order number	BM017302--
Designation 1	Inštalacijski odklopnik, karak. C, 2A, 3-polni, 10kA
Description	Inštalacijski odklopnik, karak. C, 2A, 3-polni, 10kA serija BM S0, standard za izdelek EN 60898,EN 60947-2
Manufacturer	Schrack
Supplier	Schrack
Height	80,00 mm
Width	53,10 mm
Depth	74,90 mm
Weight	0,37 kg

### References

Multi-line	=LIN1+OMA1-2F3:2;1;4;3;6;5	=LIN1+OMA1/3.1
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# =LIN1+OMA1-21FC1

## Properties

Trade	Electrical engineering
Technical characteristics	IN: 24 V DC OUT: 24 V DC / 5x2 A , 3x6 A

## Part properties

Parts: MURR.9000-41068-0200600 Variant: 1

Part type	Component
Order number	9000-41068-0200600
Designation 1	Current monitoring equipment
Designation 2	MICO BASIC 5.2/3.6 ELEC AUX CIRCUIT, 8 CHANNELS (IN: 24VDC OUT: 5x24V/2ADC 3x24V/6ADC)
Description	MICO BASIC 5.2/3.6 8 channels Current adjustment 5 × 2 A; 3 × 6 A More information may be found on <a href="https://www.muerelektronik.com">https://www.muerelektronik.com</a> or in the technical datasheet
Height	90,00 mm
Width	70,00 mm
Depth	80,00 mm
Weight	0,16 kg

## References

Multi-line	=LIN1+OMA1-21FC1	=LIN1+OMA1/23.1
	=LIN1+OMA1-21FC1:14	=LIN1+OMA1/23.3
	=LIN1+OMA1-21FC1:ON	=LIN1+OMA1/23.2
	=LIN1+OMA1-21FC1:OUT1	=LIN1+OMA1/23.2
	=LIN1+OMA1-21FC1:OUT2	=LIN1+OMA1/23.3
	=LIN1+OMA1-21FC1:OUT3	=LIN1+OMA1/23.3
	=LIN1+OMA1-21FC1:OUT4	=LIN1+OMA1/23.4
	=LIN1+OMA1-21FC1:OUT5	=LIN1+OMA1/23.4
	=LIN1+OMA1-21FC1:OUT6	=LIN1+OMA1/23.5
	=LIN1+OMA1-21FC1:OUT7	=LIN1+OMA1/23.5
	=LIN1+OMA1-21FC1:OUT8	=LIN1+OMA1/23.6
	=LIN1+OMA1-21FC1:+24V	=LIN1+OMA1/23.2
	=LIN1+OMA1-21FC1:GND	=LIN1+OMA1/23.2

=LIN1+OMA1-1H1

Properties		
Trade	Electrical engineering	
Technical characteristics	L1	
Part properties		
Parts: SE.XB4BVM4 Variant: 1		
Part type	Component	
Order number	XB4BVM4	
Designation 1	Red complete pilot light Ø22 plain lens with integral LED 230.. ..240V	
Manufacturer	Schneider Electric	
Supplier	Schneider Electric	
Height	47,00 mm	
Width	30,00 mm	
Depth	54,00 mm	
Weight	0,08 kg	
References		
Multi-line	=LIN1+OMA1-1H1:X1;X2	=LIN1+OMA1/1.3

=LIN1+OMA1-1H2

Properties		
Trade	Electrical engineering	
Technical characteristics	L2	
Part properties		
Parts: SE.XB4BVM4 Variant: 1		
Part type	Component	
Order number	XB4BVM4	
Designation 1	Red complete pilot light Ø22 plain lens with integral LED 230.. ..240V	
Manufacturer	Schneider Electric	
Supplier	Schneider Electric	
Height	47,00 mm	
Width	30,00 mm	
Depth	54,00 mm	
Weight	0,08 kg	
References		
Multi-line	=LIN1+OMA1-1H2:X1;X2	=LIN1+OMA1/1.3

=LIN1+OMA1-1H3

Properties		
Trade	Electrical engineering	
Technical characteristics	L3	
Part properties		
Parts: SE.XB4BVM4 Variant: 1		
Part type	Component	
Order number	XB4BVM4	
Designation 1	Red complete pilot light Ø22 plain lens with integral LED 230.. ..240V	
Manufacturer	Schneider Electric	
Supplier	Schneider Electric	
Height	47,00 mm	
Width	30,00 mm	
Depth	54,00 mm	
Weight	0,08 kg	
References		
Multi-line	=LIN1+OMA1-1H3:X1;X2	=LIN1+OMA1/1.4

=LIN1+OMA1-1H4

Properties		
Trade	Electrical engineering	
Function text (automatic)	DOVOD – NAPAJANJE	
Technical characteristics	230..240V	
Part properties		
Parts: SE.XB4BVM4 Variant: 1		
Part type	Component	
Order number	XB4BVM4	
Designation 1	Red complete pilot light Ø22 plain lens with integral LED 230.. ..240V	
Manufacturer	Schneider Electric	
Supplier	Schneider Electric	
Height	47,00 mm	
Width	30,00 mm	
Depth	54,00 mm	
Weight	0,08 kg	
References		
Multi-line	=LIN1+OMA1-1H4:X1;X2	=LIN1+OMA1/1.6



=LIN1+OMA1-1H5
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Properties	
Trade	Electrical engineering
Function text (automatic)	NAPAKA ZAPOREDJA FAZ
Technical characteristics	230..240V

Part properties	
Parts: SE.XB4BVM4 Variant: 1	
Part type	Component
Order number	XB4BVM4
Designation 1	Red complete pilot light Ø22 plain lens with integral LED 230. ..240V
Manufacturer	Schneider Electric
Supplier	Schneider Electric
Height	47,00 mm
Width	30,00 mm
Depth	54,00 mm
Weight	0,08 kg

References		
Multi-line	=LIN1+OMA1-1H5:X1;X2	=LIN1+OMA1/1.7

=LIN1+OMA1-1K1

Properties	
Trade	Electrical engineering
Technical characteristics	230VAC

Part properties	
Parts: SE.LC1D40AP7 Variant: 1	
Part type	Component
Order number	LC1D40AP7
Designation 1	Contactor TeSys LC1-D - 3P - AC-3 440V 40 A, Coil 230 V AC
Designation 2	Coil 230 V AC
Description	Contactor TeSys LC1-D - 3P - AC-3 440V 40 A, Coil 230 V AC
Manufacturer	Schneider Electric
Supplier	Schneider Electric
Height	117,00 mm
Width	55,00 mm
Depth	118,00 mm
Weight	0,86 kg

References		
Multi-line	=LIN1+OMA1-1K1:A1;A2	=LIN1+OMA1/1.7
	=LIN1+OMA1-1K1:1/L1;2/T1	=LIN1+OMA1/1.7
	=LIN1+OMA1-1K1:3/L2;4/T2	=LIN1+OMA1/1.7
	=LIN1+OMA1-1K1:5/L3;6/T3	=LIN1+OMA1/1.8
	=LIN1+OMA1-1K1:13;14	=LIN1+OMA1/1.6

=LIN1+OMA1-4K2
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Properties	
Trade	Electrical engineering
Technical characteristics	24VDC

Part properties	
Parts: SE.LC1D18BD Variant: 1	
Part type	Component
Order number	LC1D18BD
Designation 1	Contacteur TeSys LC1-D - 3P - AC-3 440V 18 A, Coil 24 V DC
Designation 2	Coil 24 V DC
Description	Contacteur TeSys LC1-D - 3P - AC-3 440V 18 A, Coil 24 V DC
Manufacturer	Schneider Electric
Supplier	Schneider Electric
Height	77,00 mm
Width	45,00 mm
Depth	93,00 mm
Weight	0,33 kg

References		
Multi-line	=LIN1+OMA1-4K2:A1;A2	=LIN1+OMA1/5.5
	=LIN1+OMA1-4K2:1/L1;2/T1	=LIN1+OMA1/5.1
	=LIN1+OMA1-4K2:3/L2;4/T2	=LIN1+OMA1/5.1
	=LIN1+OMA1-4K2:5/L3;6/T3	=LIN1+OMA1/5.2

## =LIN1+OMA1-47K2

### Properties

Trade	Electrical engineering
Function text (automatic)	Hlajenje omare

### Part properties

Parts: WEI.1123490000 Variant: 1

Part type	Component
Order number	1123490000
Designation 1	Relay module
Designation 2	Relay module, 24 V DC +/-20 %, Green LED, Free-wheeling diode, Reverse polarity protection, 2 CO contact (AgNi) , 250 V AC, 8 A, Screw connection
Description	Assembly of plug-in relay and plug-in socket. Control circuit and load circuit are electrically isolated.
Height	89,60 mm
Width	12,80 mm
Depth	87,80 mm
Weight	0,06 kg

### References

Multi-line	=LIN1+OMA1-47K2:+A1;-A2	=LIN1+OMA1/47.3
	=LIN1+OMA1-47K2:12 (NC);11 (COM);14 (NO)	=LIN1+OMA1/2.1

## =LIN1+OMA1-47K3

### Properties

Trade	Electrical engineering
Function text (automatic)	STO enable

### Part properties

Parts: WEI.1123490000 Variant: 1

Part type	Component
Order number	1123490000
Designation 1	Relay module
Designation 2	Relay module, 24 V DC +/-20 %, Green LED, Free-wheeling diode, Reverse polarity protection, 2 CO contact (AgNi) , 250 V AC, 8 A, Screw connection
Description	Assembly of plug-in relay and plug-in socket. Control circuit and load circuit are electrically isolated.
Height	89,60 mm
Width	12,80 mm
Depth	87,80 mm
Weight	0,06 kg

### References

Multi-line	=LIN1+OMA1-47K3:+A1;-A2	=LIN1+OMA1/47.8
	=LIN1+OMA1-47K3:12 (NC);11 (COM);14 (NO)	=LIN1+OMA1/8.2

# =LIN1+OMA1-31KF1

## Properties

Trade Electrical engineering

## Part properties

Parts: MURR.58171 Variant: 1

Part type	Component
Order number	58171
Designation 1	TREE 8TX METALL – UNMANAGED SWITCH – 8 PORTS
Description	Further information is available at <a href="http://www.murrelektronik.de">http://www.murrelektronik.de</a>
Height	90,00 mm
Width	45,00 mm
Depth	78,00 mm
Weight	0,27 kg

## References

Multi-line	=LIN1+OMA1-31KF1	=LIN1+OMA1/33.0
	=LIN1+OMA1-31KF1:F.G.	=LIN1+OMA1/33.1
	=LIN1+OMA1-31KF1:V+	=LIN1+OMA1/33.1
	=LIN1+OMA1-31KF1:V-	=LIN1+OMA1/33.1
	=LIN1+OMA1-31KF1:V+	=LIN1+OMA1/33.0
	=LIN1+OMA1-31KF1:V-	=LIN1+OMA1/33.0
Single-line	=LIN1+OMA1-31KF1:1	=LIN1+OMA1/33.0
	=LIN1+OMA1-31KF1:1	=LIN1+OMA1/33.2
	=LIN1+OMA1-31KF1:1	=LIN1+OMA1/33.3
	=LIN1+OMA1-31KF1:1	=LIN1+OMA1/33.4
	=LIN1+OMA1-31KF1:1	=LIN1+OMA1/33.5
	=LIN1+OMA1-31KF1:1	=LIN1+OMA1/33.6
	=LIN1+OMA1-31KF1:1	=LIN1+OMA1/33.7
	=LIN1+OMA1-31KF1:1	=LIN1+OMA1/33.8

# =LIN1+OMA1-4M1

## Properties

Trade Electrical engineering  
Function text (automatic) AKTUATOR

## Part properties

Parts: Variant:

Part type Undefined

## References

Multi-line	=LIN1+OMA1-4M1:U1;V1;W1;PE	=LIN1+OMA1/5.1
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=LIN1+OMA1-4M2		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+OMA1-4M2:x1;x2	=LIN1+OMA1/5.2

=LIN1+OMA1-1N1		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+OMA1-1N1:5	=LIN1+OMA1/1.7
	=LIN1+OMA1-1N1:7	=LIN1+OMA1/1.6

## =LIN1+OMA1-1N2

### Properties

Trade	Electrical engineering
Function text (automatic)	N BusBar

### Part properties

Parts: Variant:

Part type	Undefined
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Parts: SCHR.IK021038I- Variant: 1

Part type	Component
Order number	IK021038I-
Designation 1	N-sponka za 15 odvodov, montaža na DIN letev, izolirana
Description	N-sponka za 15 odvodov, montaža na DIN letev, izolirana
Manufacturer	Schrack
Supplier	Schrack
Height	20,00 mm
Width	100,00 mm
Depth	90,00 mm
Weight	0,06 kg

### References

Multi-line	=LIN1+OMA1-1N2	=LIN1+OMA1/1.1
	=LIN1+OMA1-1N2:1	=LIN1+OMA1/1.1
	=LIN1+OMA1-1N2:1	=LIN1+OMA1/2.1
	=LIN1+OMA1-1N2:3	=LIN1+OMA1/1.4

## =LIN1+OMA1-4N3

### Properties

Trade	Electrical engineering
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### Part properties

Parts: SCHR.IK021039I- Variant: 1

Part type	Component
Order number	IK021039I-
Designation 1	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Description	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Manufacturer	Schrack
Supplier	Schrack
Height	20,00 mm
Width	100,00 mm
Depth	90,00 mm
Weight	0,06 kg

### References

Multi-line	=LIN1+OMA1-4N3:2	=LIN1+OMA1/5.2
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=LIN1+OMA1-1PE1
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Properties	
Trade	Electrical engineering

Part properties	
Parts: SCHR.IK021039I- Variant: 1	
Part type	Component
Order number	IK021039I-
Designation 1	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Description	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Manufacturer	Schrack
Supplier	Schrack
Height	20,00 mm
Width	100,00 mm
Depth	90,00 mm
Weight	0,06 kg

References		
Multi-line	=LIN1+OMA1-1PE1:8	=LIN1+OMA1/33.1



=LIN1+OMA1-1PE2

Properties	
Trade	Electrical engineering
Function text (automatic)	PE BusBar

Part properties	
Parts: Variant:	
Part type	Undefined
Parts: SCHR.IK021039I- Variant: 1	
Part type	Component
Order number	IK021039I-
Designation 1	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Description	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Manufacturer	Schrack
Supplier	Schrack
Height	20,00 mm
Width	100,00 mm
Depth	90,00 mm
Weight	0,06 kg

References		
Multi-line	=LIN1+OMA1-1PE2	=LIN1+OMA1/1.2
	=LIN1+OMA1-1PE2:1	=LIN1+OMA1/1.1
	=LIN1+OMA1-1PE2:1	=LIN1+OMA1/2.2
	=LIN1+OMA1-1PE2:2	=LIN1+OMA1/1.2
	=LIN1+OMA1-1PE2:6	=LIN1+OMA1/1.4
	=LIN1+OMA1-1PE2:9	=LIN1+OMA1/1.3
	=LIN1+OMA1-1PE2:10	=LIN1+OMA1/1.3

## =LIN1+OMA1-2PE3

### Properties

Trade Electrical engineering

### Part properties

Parts: SCHR.IK021039I- Variant: 1

Part type	Component
Order number	IK021039I-
Designation 1	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Description	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Manufacturer	Schrack
Supplier	Schrack
Height	20,00 mm
Width	100,00 mm
Depth	90,00 mm
Weight	0,06 kg

### References

Multi-line =LIN1+OMA1-2PE3:1 =LIN1+OMA1/3.1

## =LIN1+OMA1-4PE4

### Properties

Trade Electrical engineering

### Part properties

Parts: SCHR.IK021039I- Variant: 1

Part type	Component
Order number	IK021039I-
Designation 1	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Description	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana
Manufacturer	Schrack
Supplier	Schrack
Height	20,00 mm
Width	100,00 mm
Depth	90,00 mm
Weight	0,06 kg

### References

Multi-line =LIN1+OMA1-4PE4:2 =LIN1+OMA1/5.2

=LIN1+OMA1-1Q1

Properties	
Trade	Electrical engineering
Technical characteristics	0.5A

Part properties	
Parts: SCHR.BE082882-- Variant: 1	
Part type	Component
Order number	BE082882--
Designation 1	Pomožni kontakt MZS BE5, 1Z in 1O, čelna vgradnja
Description	Pomožni kontakt MZS BE5, 1Z in 1O, čelna vgradnja
Manufacturer	Schrack
Supplier	Schrack
Height	68,00 mm
Width	70,00 mm
Depth	76,00 mm
Weight	0,02 kg
Parts: SCHR.BE501000-- Variant: 1	
Part type	Component
Order number	BE501000--
Designation 1	Motorsko zaščitno stikalo BE5 0,63-1,0A / 3P
Description	Motorsko zaščitno stikalo BE5 0,63-1,0A / 3P Velikost BE5, Naprava Razred 10
Manufacturer	Schrack
Supplier	Schrack
Height	93,00 mm
Width	45,00 mm
Depth	76,00 mm
Weight	0,30 kg

References		
Multi-line	=LIN1+OMA1-1Q1:2;1;4;3;6;5	=LIN1+OMA1/2.1

=LIN1+OMA1-4Q2

Properties	
Trade	Electrical engineering
Technical characteristics	0.5A

Part properties	
Parts: SCHR.BE082882-- Variant: 1	
Part type	Component
Order number	BE082882--
Designation 1	Pomožni kontakt MZS BE5, 1Z in 1O, čelna vgradnja
Description	Pomožni kontakt MZS BE5, 1Z in 1O, čelna vgradnja
Manufacturer	Schrack
Supplier	Schrack
Height	68,00 mm
Width	70,00 mm
Depth	76,00 mm
Weight	0,02 kg
Parts: SCHR.BE501000-- Variant: 1	
Part type	Component
Order number	BE501000--
Designation 1	Motorsko zaščitno stikalo BE5 0,63-1,0A / 3P
Description	Motorsko zaščitno stikalo BE5 0,63-1,0A / 3P Velikost BE5, Naprava Razred 10
Manufacturer	Schrack
Supplier	Schrack
Height	93,00 mm
Width	45,00 mm
Depth	76,00 mm
Weight	0,30 kg

References		
Multi-line	=LIN1+OMA1-4Q2:2;1;4;3;6;5	=LIN1+OMA1/5.1

=LIN1+OMA1-1S1

Properties	
Trade	Electrical engineering
Function text (automatic)	Glavno stikalo 63A

Part properties	
Parts: ETN.P3-63/EA/SVB-SW/N Variant: 1	
Part type	Component
Order number	012771
Designation 1	Main switch, 3 pole + N, 63 A, STOP function, Lockable in the 0 (Off) position, flush mounting
Description	Main switch/switch-disconnector on-off according to IEC/EN 60947-3, 690V/63A, degree of protection Front IP65, handle black with black locking collar lockable with 3 padlocks, switch-disconnectors P3 have a very compact and robust design. The manual drive act directly to the connection of the contacts. The contacts are forced open when switching off. Design general: insulating material-surface mounting enclosure, flush mounting, rear mounting, IVS service distribution board mounting
Manufacturer	Eaton
Supplier	Eaton
Height	102,00 mm
Width	90,00 mm
Depth	128,00 mm
Weight	0,50 kg

References		
Multi-line	=LIN1+OMA1-1S1:1;2	=LIN1+OMA1/1.1
	=LIN1+OMA1-1S1:3;4	=LIN1+OMA1/1.1
	=LIN1+OMA1-1S1:5;6	=LIN1+OMA1/1.1
	=LIN1+OMA1-1S1:N1;N2	=LIN1+OMA1/1.1

=LIN1+OMA1-1S2

Properties		
Trade	Electrical engineering	
Function text (automatic)	VKLOP   1	
Part properties		
Parts: SE.XB4BP11 Variant: 1		
Part type	Component	
Order number	XB4BP11	
Designation 1	White projecting complete pushbutton Ø22Spring return 1NO "unmarked"	
Manufacturer	Schneider Electric	
Height	47,00 mm	
Width	30,00 mm	
Depth	61,00 mm	
Weight	0,08 kg	
References		
Multi-line	=LIN1+OMA1-1S2:13;14	=LIN1+OMA1/1.7

=LIN1+OMA1-1S3

Properties		
Trade	Electrical engineering	
Function text (automatic)	Termostat 0–60° C	
Part properties		
Parts: SCHR.IUK08561— Variant: 1		
Part type	Component	
Order number	IUK08561—	
Designation 1	Termostat, 10–60 ° C, 1 preklopni kontakt	
Description	Termostat, 10–60 ° C, 1 preklopni kontakt	
Manufacturer	Schrack	
Supplier	Schrack	
Height	64,00 mm	
Width	46,00 mm	
Depth	37,00 mm	
Weight	0,10 kg	
References		
Multi–line	=LIN1+OMA1–1S3;2;3;1	=LIN1+OMA1/2.6

=LIN1+OMA1-2TB1

Properties	
Trade	Electrical engineering

Part properties	
Parts: WEI.1469530000 Variant: 1	
Part type	Component
Order number	1469530000
Designation 1	Continuous current supply
Designation 2	Power supply, 120 W, 5 A at 55 ° C
Description	Power supply unit for providing DC voltage.
Height	125,00 mm
Width	40,00 mm
Depth	109,00 mm
Weight	0,68 kg

References		
Multi-line	=LIN1+OMA1-2TB1	=LIN1+OMA1/3.0
	=LIN1+OMA1-2TB1:13	=LIN1+OMA1/3.2
	=LIN1+OMA1-2TB1:14	=LIN1+OMA1/3.2
	=LIN1+OMA1-2TB1:+	=LIN1+OMA1/3.1
	=LIN1+OMA1-2TB1:+	=LIN1+OMA1/3.1
	=LIN1+OMA1-2TB1:-	=LIN1+OMA1/3.1
	=LIN1+OMA1-2TB1:-	=LIN1+OMA1/3.1
	=LIN1+OMA1-2TB1:L1(+)	=LIN1+OMA1/3.1
	=LIN1+OMA1-2TB1:L2(-)	=LIN1+OMA1/3.1
	=LIN1+OMA1-2TB1:L3	=LIN1+OMA1/3.1
	=LIN1+OMA1-2TB1:PE	=LIN1+OMA1/3.1

=LIN1+OMA1-1U1

Properties	
Trade	Electrical engineering
Part properties	
Parts: SCH.UR6P3052 Variant: 1	
Part type	Component
Order number	UR6P3052
Designation 1	UR6P3052   Rele, nadzor zaporedja faz, 3-fazni, 2 preklopna kontakta
Description	UR6P3052 – Rele, nadzor zaporedja faz, 3-fazni, 2 preklopna kontakta
Manufacturer	Schrack
Supplier	Schrack
Height	129,00 mm
Width	29,00 mm
Depth	92,00 mm
Weight	0,00 kg

References		
Multi-line	=LIN1+OMA1-1U1	=LIN1+OMA1/1.3
	=LIN1+OMA1-1U1:12;11;14	=LIN1+OMA1/1.7
	=LIN1+OMA1-1U1:L1	=LIN1+OMA1/1.3
	=LIN1+OMA1-1U1:L2	=LIN1+OMA1/1.3
	=LIN1+OMA1-1U1:L3	=LIN1+OMA1/1.4
	=LIN1+OMA1-1U1:N	=LIN1+OMA1/1.4
	=LIN1+OMA1-1U1:PE	=LIN1+OMA1/1.4

=LIN1+OMA1-4U2

Properties		
Trade	Electrical engineering	
Function text (automatic)	Servo drive 6A	
Technical characteristics	AKD	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+OMA1-4U2	=LIN1+OMA1/5.0
	=LIN1+OMA1-4U2	=LIN1+OMA1/6.0
	=LIN1+OMA1-4U2	=LIN1+OMA1/7.0
	=LIN1+OMA1-4U2	=LIN1+OMA1/8.1



=LIN1+OMA1-4U2-X1		
Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-4U2-X1:1	=LIN1+OMA1/8.1
	=LIN1+OMA1-4U2-X1:2	=LIN1+OMA1/8.1
	=LIN1+OMA1-4U2-X1:3	=LIN1+OMA1/8.2

=LIN1+OMA1-4U2-X2		
Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-4U2-X2:1	=LIN1+OMA1/5.2
	=LIN1+OMA1-4U2-X2:2	=LIN1+OMA1/5.3
	=LIN1+OMA1-4U2-X2:3	=LIN1+OMA1/5.2
	=LIN1+OMA1-4U2-X2:4	=LIN1+OMA1/5.1
	=LIN1+OMA1-4U2-X2:5	=LIN1+OMA1/5.1
	=LIN1+OMA1-4U2-X2:6	=LIN1+OMA1/5.2

=LIN1+OMA1-4U2-X3		
Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-4U2-X3:L1	=LIN1+OMA1/5.1
	=LIN1+OMA1-4U2-X3:L2	=LIN1+OMA1/5.1
	=LIN1+OMA1-4U2-X3:L3	=LIN1+OMA1/5.2
	=LIN1+OMA1-4U2-X3:N	=LIN1+OMA1/5.2
	=LIN1+OMA1-4U2-X3:PE	=LIN1+OMA1/5.2

=LIN1+OMA1-4U2-X7

Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-4U2-X7:1	=LIN1+OMA1/6.0
	=LIN1+OMA1-4U2-X7:2	=LIN1+OMA1/6.0
	=LIN1+OMA1-4U2-X7:3	=LIN1+OMA1/6.1
	=LIN1+OMA1-4U2-X7:4	=LIN1+OMA1/6.1
	=LIN1+OMA1-4U2-X7:5	=LIN1+OMA1/6.1
	=LIN1+OMA1-4U2-X7:6	=LIN1+OMA1/6.2
	=LIN1+OMA1-4U2-X7:7	=LIN1+OMA1/6.2
	=LIN1+OMA1-4U2-X7:8	=LIN1+OMA1/6.3
	=LIN1+OMA1-4U2-X7:9	=LIN1+OMA1/6.3
	=LIN1+OMA1-4U2-X7:10	=LIN1+OMA1/6.4

=LIN1+OMA1-4U2-X8

Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-4U2-X8:1	=LIN1+OMA1/7.0
	=LIN1+OMA1-4U2-X8:2	=LIN1+OMA1/7.1
	=LIN1+OMA1-4U2-X8:3	=LIN1+OMA1/7.1
	=LIN1+OMA1-4U2-X8:4	=LIN1+OMA1/7.1
	=LIN1+OMA1-4U2-X8:5	=LIN1+OMA1/7.2
	=LIN1+OMA1-4U2-X8:6	=LIN1+OMA1/7.2
	=LIN1+OMA1-4U2-X8:7	=LIN1+OMA1/7.3
	=LIN1+OMA1-4U2-X8:8	=LIN1+OMA1/7.3
	=LIN1+OMA1-4U2-X8:9	=LIN1+OMA1/7.4
	=LIN1+OMA1-4U2-X8:10	=LIN1+OMA1/7.4

=LIN1+OMA1-4U2-X10

Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-4U2-X10:FEEDBACK	=LIN1+OMA1/5.3

=LIN1+OMA1-34U6
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Properties	
Trade	Electrical engineering
Technical characteristics	Kollmorgen AKD

Part properties	
Parts: Variant:	
Part type	Undefined

References		
Multi-line	=LIN1+OMA1-34U6	=LIN1+OMA1/36.5
Single-line	=LIN1+OMA1-34U6	=LIN1+OMA1/36.5

# =LIN1+OMA1-1X1

## Properties

Trade	Electrical engineering
Function text (automatic)	Dovodne sponke

## Part properties

### Parts: WEI.1010500000 Variant: 1

Part type	Component
Order number	1010500000
Designation 1	PE terminal
Designation 2	PE terminal, Screw connection, 35 mm², 800 V, Number of connections: 2, Number of levels: 1, Green/yellow
Description	Terminal block for connecting protective earth conductors to the mounting base (earth). Hardened steel withstands the mechanical forces, tin-coated copper ensures top conductivity.
Height	56,00 mm
Width	15,90 mm
Depth	62,50 mm
Weight	0,08 kg

### Parts: WEI.1020500000 Variant: 1

Part type	Component
Order number	1020500000
Designation 1	Feed-through terminal block
Designation 2	Feed-through terminal block, Screw connection, 35 mm², 1000 V, 125 A, Number of connections: 2
Description	Terminal block for connecting or joining conductors with permanently secure contact. Hardened steel withstands the mechanical forces, tin-coated copper ensures top conductivity.
Height	60,00 mm
Width	15,90 mm
Depth	62,25 mm
Weight	0,05 kg

### Parts: WEI.1020580000 Variant: 1

Part type	Component
Order number	1020580000
Designation 1	Feed-through terminal block
Designation 2	Feed-through terminal block, Screw connection, 35 mm², 1000 V, 125 A, Number of connections: 2
Description	Terminal block for connecting or joining conductors with permanently secure contact. Hardened steel withstands the mechanical forces, tin-coated copper ensures top conductivity.
Height	60,00 mm
Width	15,90 mm
Depth	62,25 mm
Weight	0,05 kg

### Parts: WEI.1061200000 Variant: 1

Part type	Component
Order number	1061200000
Designation 1	End bracket
Designation 2	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in

## =LIN1+OMA1-1X1

Description	The end bracket ensures a permanently secure fit on the mounting rail and prevents slipping. The end bracket has marking options for group markers and the option of receiving test plugs.
Height	56,10 mm
Width	8,00 mm
Depth	46,50 mm
Weight	0,01 kg

### References

Multi-line	=LIN1+OMA1-1X1	=LIN1+OMA1/1.0
	=LIN1+OMA1-1X1:1:1;2	=LIN1+OMA1/1.1
	=LIN1+OMA1-1X1:2:1;2	=LIN1+OMA1/1.1
	=LIN1+OMA1-1X1:3:1;2	=LIN1+OMA1/1.1
	=LIN1+OMA1-1X1:4:1;2	=LIN1+OMA1/1.1
	=LIN1+OMA1-1X1:PE:1;2	=LIN1+OMA1/1.1

## =LIN1+OMA1-2X1

### Properties

Trade	Electrical engineering
Function text (automatic)	Hlajenje ele. omare

### Part properties

Parts: Variant:

Part type	Undefined
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### References

Multi-line	=LIN1+OMA1-2X1:1	=LIN1+OMA1/2.1
	=LIN1+OMA1-2X1:N	=LIN1+OMA1/2.1
	=LIN1+OMA1-2X1:PE	=LIN1+OMA1/2.2

=LIN1+OMA1-3X2

Properties	
Trade	Electrical engineering
Part properties	
Parts: WEI.1020000000 Variant: 1	
Part type	Component
Order number	1020000000
Designation 1	Feed-through terminal block
Designation 2	Feed-through terminal block, Screw connection, 2.5 mm², 800 V, 24 A, Number of connections: 2
Description	Terminal block for connecting or joining conductors with permanently secure contact. Hardened steel withstands the mechanical forces, tin-coated copper ensures top conductivity.
Height	60,00 mm
Width	5,10 mm
Depth	46,25 mm
Weight	0,01 kg

References		
Multi-line	=LIN1+OMA1-3X2:1:1;2	=LIN1+OMA1/4.1
	=LIN1+OMA1-3X2:2:1;2	=LIN1+OMA1/4.1
	=LIN1+OMA1-3X2:3:1;2	=LIN1+OMA1/4.1
	=LIN1+OMA1-3X2:4:1;2	=LIN1+OMA1/4.2
	=LIN1+OMA1-3X2:5:1;2	=LIN1+OMA1/4.2
	=LIN1+OMA1-3X2:6:1;2	=LIN1+OMA1/4.2
	=LIN1+OMA1-3X2:7:1;2	=LIN1+OMA1/4.2
	=LIN1+OMA1-3X2:8:1;2	=LIN1+OMA1/4.2
	=LIN1+OMA1-3X2:9:1;2	=LIN1+OMA1/4.3
	=LIN1+OMA1-3X2:10:1;2	=LIN1+OMA1/4.3

=LIN1+OMA1-3X3

Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+OMA1-3X3:1	=LIN1+OMA1/3.a.1
	=LIN1+OMA1-3X3:2	=LIN1+OMA1/3.a.1
	=LIN1+OMA1-3X3:3	=LIN1+OMA1/3.a.2
	=LIN1+OMA1-3X3:4	=LIN1+OMA1/3.a.2
	=LIN1+OMA1-3X3:5	=LIN1+OMA1/3.a.2

=LIN1+OMA1-6X1		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+OMA1-6X1:1	=LIN1+OMA1/6.0
	=LIN1+OMA1-6X1:2	=LIN1+OMA1/6.0
	=LIN1+OMA1-6X1:3	=LIN1+OMA1/6.1
	=LIN1+OMA1-6X1:4	=LIN1+OMA1/6.1
	=LIN1+OMA1-6X1:5	=LIN1+OMA1/6.1
	=LIN1+OMA1-6X1:6	=LIN1+OMA1/6.2
	=LIN1+OMA1-6X1:7	=LIN1+OMA1/6.2
	=LIN1+OMA1-6X1:8	=LIN1+OMA1/6.3
	=LIN1+OMA1-6X1:9	=LIN1+OMA1/6.3
	=LIN1+OMA1-6X1:10	=LIN1+OMA1/6.4
	=LIN1+OMA1-6X1:11	=LIN1+OMA1/7.0
	=LIN1+OMA1-6X1:12	=LIN1+OMA1/7.1
	=LIN1+OMA1-6X1:13	=LIN1+OMA1/7.1
	=LIN1+OMA1-6X1:14	=LIN1+OMA1/7.1
	=LIN1+OMA1-6X1:15	=LIN1+OMA1/7.2
	=LIN1+OMA1-6X1:16	=LIN1+OMA1/7.2
	=LIN1+OMA1-6X1:17	=LIN1+OMA1/7.3
	=LIN1+OMA1-6X1:18	=LIN1+OMA1/7.3
	=LIN1+OMA1-6X1:19	=LIN1+OMA1/7.4
	=LIN1+OMA1-6X1:20	=LIN1+OMA1/7.4
	=LIN1+OMA1-6X1:21	=LIN1+OMA1/8.1
	=LIN1+OMA1-6X1:22	=LIN1+OMA1/8.1
	=LIN1+OMA1-6X1:23	=LIN1+OMA1/8.2

=LIN1+OMA1-8X1		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+OMA1-8X1:1	=LIN1+OMA1/8.1

=LIN1+OMA1-32X3

Properties	
Trade	Electrical engineering

Part properties	
Parts: WEI.1020000000 Variant: 1	
Part type	Component
Order number	1020000000
Designation 1	Feed-through terminal block
Designation 2	Feed-through terminal block, Screw connection, 2.5 mm², 800 V, 24 A, Number of connections: 2
Description	Terminal block for connecting or joining conductors with permanently secure contact. Hardened steel withstands the mechanical forces, tin-coated copper ensures top conductivity.
Height	60,00 mm
Width	5,10 mm
Depth	46,25 mm
Weight	0,01 kg

References		
Multi-line	=LIN1+OMA1-32X3:1:1;2	=LIN1+OMA1/34.0
	=LIN1+OMA1-32X3:2:1;2	=LIN1+OMA1/34.1
	=LIN1+OMA1-32X3:3:1;2	=LIN1+OMA1/34.1
	=LIN1+OMA1-32X3:4:1;2	=LIN1+OMA1/34.1
	=LIN1+OMA1-32X3:5:1;2	=LIN1+OMA1/34.2
	=LIN1+OMA1-32X3:6:1;2	=LIN1+OMA1/34.2
	=LIN1+OMA1-32X3:7:1;2	=LIN1+OMA1/41.6
	=LIN1+OMA1-32X3:8:1;2	=LIN1+OMA1/41.6
	=LIN1+OMA1-32X3:9:1;2	=LIN1+OMA1/41.6
	=LIN1+OMA1-32X3:25:1;2	=LIN1+OMA1/34.3
	=LIN1+OMA1-32X3:26:1;2	=LIN1+OMA1/34.4
	=LIN1+OMA1-32X3:27:1;2	=LIN1+OMA1/34.4
	=LIN1+OMA1-32X3:28:1;2	=LIN1+OMA1/34.4
	=LIN1+OMA1-32X3:29:1;2	=LIN1+OMA1/34.4
	=LIN1+OMA1-32X3:30:1;2	=LIN1+OMA1/34.4
	=LIN1+OMA1-32X3:31:1;2	=LIN1+OMA1/34.5
	=LIN1+OMA1-32X3:32:1;2	=LIN1+OMA1/34.5
	=LIN1+OMA1-32X3:33:1;2	=LIN1+OMA1/34.5
	=LIN1+OMA1-32X3:34:1;2	=LIN1+OMA1/34.5



=LIN1+OMA1-32X4

Properties	
Trade	Electrical engineering

Part properties	
Parts: WEI.1024100000 Variant: 1	
Part type	Component
Order number	1024100000
Designation 1	Thermocouple terminal
Designation 2	Thermocouple terminal, Screw connection, 2.5, dark beige
Description	The thermocouple terminal is specially designed for the transmission of very small voltages in temperature measuring circuits. Special current rails ensure that no erroneous signals can be generated in the terminal in the case of temperature differences.
Height	59,70 mm
Width	10,20 mm
Depth	49,73 mm
Weight	0,02 kg

References		
Multi-line	=LIN1+OMA1-32X4:1:1;2;3;4	=LIN1+OMA1/34.7
	=LIN1+OMA1-32X4:2:1;2;3;4	=LIN1+OMA1/34.8
	=LIN1+OMA1-32X4:3:1;2;3;4	=LIN1+OMA1/34.8
	=LIN1+OMA1-32X4:4:1;2;3;4	=LIN1+OMA1/34.9

=LIN1+OMA1-42X1

Properties	
Trade	Electrical engineering
Function text (automatic)	Trigger

Part properties	
Parts: Variant:	
Part type	Undefined

References		
Multi-line	=LIN1+OMA1-42X1:1	=LIN1+OMA1/42.1
	=LIN1+OMA1-42X1:2	=LIN1+OMA1/42.3
	=LIN1+OMA1-42X1:3	=LIN1+OMA1/42.5
	=LIN1+OMA1-42X1:4	=LIN1+OMA1/42.8
	=LIN1+OMA1-42X1:5	=LIN1+OMA1/43.1
	=LIN1+OMA1-42X1:6	=LIN1+OMA1/43.3
	=LIN1+OMA1-42X1:7	=LIN1+OMA1/43.5
	=LIN1+OMA1-42X1:8	=LIN1+OMA1/43.8
	=LIN1+OMA1-42X1:9	=LIN1+OMA1/44.1
	=LIN1+OMA1-42X1:10	=LIN1+OMA1/44.3
	=LIN1+OMA1-42X1:11	=LIN1+OMA1/44.5
	=LIN1+OMA1-42X1:12	=LIN1+OMA1/44.8
	=LIN1+OMA1-42X1:13	=LIN1+OMA1/45.1
	=LIN1+OMA1-42X1:14	=LIN1+OMA1/45.3
	=LIN1+OMA1-42X1:15	=LIN1+OMA1/45.5
	=LIN1+OMA1-42X1:16	=LIN1+OMA1/45.8
	=LIN1+OMA1-42X1:17	=LIN1+OMA1/46.1
	=LIN1+OMA1-42X1:18	=LIN1+OMA1/46.3
	=LIN1+OMA1-42X1:19	=LIN1+OMA1/46.5
	=LIN1+OMA1-42X1:20	=LIN1+OMA1/46.8
	=LIN1+OMA1-42X1:21	=LIN1+OMA1/47.1
	=LIN1+OMA1-42X1:22	=LIN1+OMA1/47.3
	=LIN1+OMA1-42X1:23	=LIN1+OMA1/47.5
	=LIN1+OMA1-42X1:24	=LIN1+OMA1/47.8
	=LIN1+OMA1-42X1:25	=LIN1+OMA1/47.a.1
	=LIN1+OMA1-42X1:26	=LIN1+OMA1/47.a.3
	=LIN1+OMA1-42X1:27	=LIN1+OMA1/47.b.2
	=LIN1+OMA1-42X1:28	=LIN1+OMA1/47.b.5
	=LIN1+OMA1-42X1:29	=LIN1+OMA1/47.c.2
	=LIN1+OMA1-42X1:30	=LIN1+OMA1/47.c.5

=LIN1+OMA1-31XF1

Properties	
Trade	Electrical engineering

Part properties	
Parts: MURR.4000-73000-0010000 Variant: 1	
Part type	Component
Order number	4000-73000-0010000
Designation 1	Connector (special)
Designation 2	MSDD INSTALLATION SOCKET RJ45 CAT5e BU/BU
Description	Pass-through 1x RJ45, 8-pole metal, CAT5e (female/female) More information may be found on <a href="https://www.murrelektronik.com">https://www.murrelektronik.com</a> or in the technical datasheet
Height	29,50 mm
Width	29,50 mm
Depth	29,00 mm
Weight	0,02 kg

References		
Multi-line	=LIN1+OMA1-31XF1	=LIN1+OMA1/33.8
	=LIN1+OMA1-31XF1:1.-8.;1-8	=LIN1+OMA1/33.8
	=LIN1+OMA1-31XF1:1.-8.;1-8	=LIN1+OMA1/33.8

## =LIN1+FIELD-39A1

### Properties

Trade Electrical engineering

### Part properties

Parts: SIE.6AV2123-2GB03-0AX0 Variant: 1

Part type	Component
Order number	6AV2123-2GB03-0AX0
Designation 1	SIMATIC HMI KTP700 BASIC
Designation 2	SIMATIC, HMI
Designation 3	Basic Panel
Description	SIMATIC HMI, KTP700 Basic, Basic Panel, Key/touch operation, 7" TFT display, 65536 colors, PROFINET interface, configurable from WinCC Basic V13/ STEP 7 Basic V13, contains open-source software, which is provided free of charge see enclosed CD
Manufacturer	Siemens
Supplier	Siemens
Height	158,00 mm
Width	214,00 mm
Depth	39,00 mm
Weight	0,98 kg

### References

Multi-line	=LIN1+FIELD-39A1	=LIN1+OMA1/41.2
	=LIN1+FIELD-39A1:1	=LIN1+OMA1/41.6
	=LIN1+FIELD-39A1:2	=LIN1+OMA1/41.6
	=LIN1+FIELD-39A1	=LIN1+OMA1/41.6

## =LIN1+FIELD-33B1

### Properties

Trade Electrical engineering

### Part properties

Parts: Variant:

Part type Undefined

### References

Multi-line	=LIN1+FIELD-33B1:;-	=LIN1+OMA1/35.1
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=LIN1+FIELD-33B2		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+FIELD-33B2:+;-	=LIN1+OMA1/35.1

=LIN1+FIELD-33B3		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+FIELD-33B3:+;-	=LIN1+OMA1/35.3

=LIN1+FIELD-33X1		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Multi-line	=LIN1+FIELD-33X1:+	=LIN1+OMA1/35.1
	=LIN1+FIELD-33X1:-	=LIN1+OMA1/35.1

=LIN1+FIELD-33X2
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Properties	
Trade	Electrical engineering

Part properties	
Parts: Variant:	
Part type	Undefined

References		
Multi-line	=LIN1+FIELD-33X2:1	=LIN1+OMA1/35.3
	=LIN1+FIELD-33X2:2	=LIN1+OMA1/35.3
	=LIN1+FIELD-33X2:+	=LIN1+OMA1/35.1
	=LIN1+FIELD-33X2:-	=LIN1+OMA1/35.2