



DAFRA D.O.O,  
Cesta ob železnici 3, 3310 Žalec

Phone. 386 713 32 30

Company / customer	RRI	
Project description	08/2024  RRI	
Job number	/	
Commission	DAFRA D.O.O., Egasi d.o.o.	
Project name	RRI	
Responsible for project	Dejan Rožič	
Last EPLAN version used	2024.0.3	
Manufacturing date	08.2024	
Type	Machine board	
Place of installation	DAFRA	
Power supply	5G2.5, 3G2.5	
Input lead	3x230/1x230	
Control voltage	24V DC	
Special customer regulations		
Created on	30. 05. 2024	
Edit date	28. 08. 2024	
by (short name) DEJAN		Number of pages 73

# SAFETY REGULATIONS

DAFRA D.O.O,  
Cesta ob železnici 3, 3310 Žalec



## GENERAL SAFETY REGULATIONS



During plant operation certain items are under dangerous voltage!  
Non-observance of safety instructions can result in death, serious injuries or material damage.

Only specialist personnel may carry out transport, installation and commissioning work.

The applicable valid standards as well as the national and / or company-specific accident prevention regulations are to be observed.

The following safety instructions are to be observed:

The erection, commissioning, troubleshooting as well as repair of the plant may only be carried out by qualified personnel that is familiar with the corresponding operating instructions.

Mounting of the devices has to be effected in accordance with the valid standards, state and local regulations.  
Proper grounding and conductor dimensioning as well as proper short-circuit proofing have to be ensured.  
These measures serve to ensure the safety of the plant and of the operating personnel.

Before carrying out safety checks, maintenance work and repair measures ensure that all the power supplies are switched off, are secured against being switched on unintentionally and are marked correspondingly.

Only test devices that are in a technically perfect condition and are suitable for the respective measurement may be used to carry out measurements!

The instructions specified in the respective operating instructions are to be followed strictly!  
It is mandatory that hazard, warning and safety instructions be observed!

All doors and covers are to be kept closed during the plant operation.  
If cooling devices are installed in the plant, ensure that these systems operate trouble-free.  
These include the regular cleaning of the filters, in as far as they exist.

Parts list

F01\_002

Device tag	Quantity	Designation	Type number	Manufacturer	Part number	Pos.
Placement	QU		Order number	Supplier	Function text	
=L1+MP-?X1	0					
=L1+MP-?X2	0					
=L1+MP-?X3	0					
=LIN1+OMA1-17A1 =LIN1+OMA1/16.2	0					
=LIN1+OMA1-18A2 =LIN1+OMA1/16.5	0					
=LIN1+OMA1-F2 =LIN1+OMA1/32.6	1				IUKNE150	
=LIN1+OMA1-6M2 =LIN1+OMA1/6.1	0				AKTUATOR	
=LIN1+OMA1-6M3 =LIN1+OMA1/6.2	0					
=LIN1+OMA1-31M4 =LIN1+OMA1/32	0					
=LIN1+OMA1-32M5 =LIN1+OMA1/33.0	0					
=LIN1+OMA1-6U2 =LIN1+OMA1/7.0;=LIN1+OMA1/8.0;=LIN1+OMA1/9.1	0					
=LIN1+OMA1-14U6 =LIN1+OMA1/14.5	0					
=LIN1+OMA1-31U2 =LIN1+OMA1/31.2	1				Teltonika.RUT241 router	
=LIN1+OMA1-1X1 =LIN1+OMA1/33.0	0					
=LIN1+OMA1-2X2 =LIN1+OMA1/2.0;=LIN1+OMA1/33.1	0				Hlajenje ele. omare	
=LIN1+OMA1-4X3 =LIN1+OMA1/4.0;=LIN1+OMA1/33.3	0				24V DC	
=LIN1+OMA1-5X4 =LIN1+OMA1/5.0;=LIN1+OMA1/33.3	0				0V DC	
=LIN1+OMA1-6X2 =LIN1+OMA1/6.7;=LIN1+OMA1/6.8	0					

Parts list

F01\_002

Device tag	Quantity	Designation	Type number	Manufacturer	Part number	Pos.
Placement	QU		Order number	Supplier	Function text	
=LIN1+OMA1-7X5 =LIN1+OMA1/7.0;=LIN1+OMA1/33.0	0				I/O sponke	
=LIN1+OMA1-12X6 =LIN1+OMA1/12.7;=LIN1+OMA1/33.1	0				Termoclen sponke	
=LIN1+OMA1-21X7 =LIN1+OMA1/21.0;=LIN1+OMA1/33.2	0				PLC sponke	
=LIN1+FIELD-13B1 =LIN1+OMA1/13.1	0					
=LIN1+FIELD-13B2 =LIN1+OMA1/13.1	0					
=LIN1+FIELD-13B3 =LIN1+OMA1/13.3	0					
=LIN1+FIELD-31U1 =LIN1+OMA1/31.0	1				Lenovo.PC PC - lenovo	
=LIN1+OMA1-1S1 =LIN1+OMA1/1.1	1	Main switch, 3 pole + N, 63 A, STOP function, Lockable in the 0 (Off) position, flush mounting	P3-63/EA/SVB-SW/N 012771	ETN ETN	ETN.P3-63/EA/SVB-SW/N Glavno stikalo 63A Main Switch 63A	
=LIN1+OMA1-6U2 =LIN1+OMA1/6.0	1	AKD-6A	AKD-6A AKD-6A	Kollmorgen Kollmorgen	AKD-6A Servo drive 6A	
=LIN1+OMA1-10FC1 =LIN1+OMA1/10.1	1 piece	Current monitoring equipment MICO BASIC 5.2/3.6 ELEC AUX CIRCUIT, 8 CHANNELS (IN: 24VDC OUT: 5x24V/2ADC 3x24V/6ADC)	9000-41068-0200600 9000-41068-0200600	MURR	MURR.9000-41068-0200600	
=LIN1+OMA1-11KF1 =LIN1+OMA1/11.0	1 Piece	TREE 8TX METALL - UNMANAGED SWITCH - 8 PORTS	8 port unmanaged switch 58171	MURR	MURR.58171	
=LIN1+OMA1-11XF1 =LIN1+OMA1/11.6	1 Piece	Connector (special) MSDD INSTALLATION SOCKET RJ45 CAT5e BU/BU	4000-73000-0010000 4000-73000-0010000	MURR	MURR.4000-73000-0010000	
=LIN1+OMA1-11XF2 =LIN1+OMA1/11.7	1 Piece	Connector (special) MSDD INSTALLATION SOCKET RJ45 CAT5e BU/BU	4000-73000-0010000 4000-73000-0010000	MURR	MURR.4000-73000-0010000	
=LIN1+OMA1-1F1 =LIN1+OMA1/1.1	1 KOS piece	Inštalacijski odklopnik, karak. C, 10A, 10kA, 3-polni Miniature Circuit Breaker (MCB) C10/3, 10kA	BM017310-- BM017310--	SCHR SCHR	SCHR.BM017310--	
=LIN1+OMA1-1F2 =LIN1+OMA1/1.3	1 KOS piece	Inštalacijski odklopnik, karak. C, 2A, 3-polni, 10kA Miniature Circuit Breaker (MCB) C2/3, 10kA	BM017302-- BM017302--	SCHR SCHR	SCHR.BM017302--	
=LIN1+OMA1-6F1 =LIN1+OMA1/6.6	1 kos piece	Inštalacijski odklopnik, karak. C, 6A, 1-polni, 10kA Miniature Circuit Breaker (MCB) C6/1, 10kA	BM017106-- BM017106--	SCHR	SCHR.BM017106--	
=LIN1+OMA1-6F2 =LIN1+OMA1/6.7	1 kos piece	Inštalacijski odklopnik, karak. C, 6A, 1-polni, 10kA Miniature Circuit Breaker (MCB) C6/1, 10kA	BM017106-- BM017106--	SCHR	SCHR.BM017106--	
=LIN1+OMA1-2M1 =LIN1+OMA1/2.1	1 KOS piece	Ventilator s filtrom 230V, 11W, 109x109x62mm, IP54, 16m3/h Filter Ventilator 109x109x62mm (25m³/h), IP54	IUKNF1523A IUKNF1523A	SCHR SCHR	SCHR.IUKNF1523A Hlajenje ele. omare Cooling Cabinet	

Parts list

F01\_002

Device tag	Quantity	Designation	Type number	Manufacturer	Part number	Pos.
Placement	QU		Order number	Supplier	Function text	
=LIN1+OMA1-N =LIN1+OMA1/1.1	0 KOS piece	N-sponka za 15 odvodov, montaža na DIN letev, izolirana Insulated neutral terminal, 15 outgoing terminals	IK021038I- IK021038I-	SCHR SCHR	SCHR.IK021038I- N BusBar	
=LIN1+OMA1-PE =LIN1+OMA1/1.2	0 KOS piece	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana Insulated PE terminal, 15 outgoing terminals	IK021039I- IK021039I-	SCHR SCHR	SCHR.IK021039I- PE BusBar	
=LIN1+OMA1-2Q1 =LIN1+OMA1/2.1	1 KOS piece	Motorsko zaščitno stikalo BE5 0,63-1,0A / 3P Motor Protection Circuit Breaker, 3-pole, 0.63-1.0A	BE501000-- BE501000--	SCHR SCHR	SCHR.BE501000--	
=LIN1+OMA1-2Q1 =LIN1+OMA1/2.1	1 KOS piece	Pomožni kontakt MZS BE5, 1Z in 1O, čelna vgradnja Auxiliary contact front, 1NO+1NC	BE082882-- BE082882--	SCHR SCHR	SCHR.BE082882--	
=LIN1+OMA1-4Q3 =LIN1+OMA1/3.1	1 KOS piece	Motorsko zaščitno stikalo BE5 0,63-1,0A / 3P Motor Protection Circuit Breaker, 3-pole, 0.63-1.0A	BE501000-- BE501000--	SCHR SCHR	SCHR.BE501000--	
=LIN1+OMA1-4Q3 =LIN1+OMA1/3.1	1 KOS piece	Pomožni kontakt MZS BE5, 1Z in 1O, čelna vgradnja Auxiliary contact front, 1NO+1NC	BE082882-- BE082882--	SCHR SCHR	SCHR.BE082882--	
=LIN1+OMA1-6Q2 =LIN1+OMA1/6.1	1 KOS piece	Motorsko zaščitno stikalo BE5 6,30-10,0A / 3P Motor Protection Circuit Breaker, 3-pole, 6.3-10A	BE510000-- BE510000--	SCHR SCHR	SCHR.BE510000--	
=LIN1+OMA1-6Q2 =LIN1+OMA1/6.1	1 KOS piece	Pomožni kontakt MZS BE5, 1Z in 1O, čelna vgradnja Auxiliary contact front, 1NO+1NC	BE082882-- BE082882--	SCHR SCHR	SCHR.BE082882--	
=LIN1+OMA1-2S3 =LIN1+OMA1/2.6	1 KOS piece	Termostat za ventilator, 0 - 60° C, 1 delovni kontakt Ventilation thermostat 1 NO switch, blue, 0°-60°C	IUK08566-- IUK08566--	SCHR SCHR	SCHR.IUK08566-- Termostat 0-60	
=LIN1+OMA1-1U1 =LIN1+OMA1/1.3	1	UR6P3052   Rele, nadzor zaporedja faz, 3-fazni, 2 preklopna kontakta	UR6P3052 UR6P3052	SCHR SCHR	SCH.UR6P3052	
=LIN1+OMA1-6X1 =LIN1+OMA1/6.6	3 KOS piece	Vtičnica za montažo na letev s LED signalizacijo Rail mountable socket, with LED and screw connection	BZ325003-- BZ325003--	SCHR SCHR	SCHR.BZ325003--	
=LIN1+OMA1-6X2 =LIN1+OMA1/6.7	1 KOS piece	Vtičnica za montažo na letev s LED signalizacijo Rail mountable socket, with LED and screw connection	BZ325003-- BZ325003--	SCHR SCHR	SCHR.BZ325003--	
=LIN1+OMA1-1H1 =LIN1+OMA1/1.2	1 Piece	Red complete pilot light Ø22 plain lens with integral LED 230...240V	XB4BVM4 XB4BVM4	SE SE	SE.XB4BVM4	
=LIN1+OMA1-1H2 =LIN1+OMA1/1.2	1 Piece	Red complete pilot light Ø22 plain lens with integral LED 230...240V	XB4BVM4 XB4BVM4	SE SE	SE.XB4BVM4	
=LIN1+OMA1-1H3 =LIN1+OMA1/1.3	1 Piece	Red complete pilot light Ø22 plain lens with integral LED 230...240V	XB4BVM4 XB4BVM4	SE SE	SE.XB4BVM4	
=LIN1+OMA1-1K1 =LIN1+OMA1/1.7	1	Contactor TeSys LC1-D - 3P - AC-3 440V 38 A, Coil 230 V AC	LC1-D 3P 38A LC1D38P7	SE SE	SE.LC1D38P7	
=LIN1+OMA1-1K1 =LIN1+OMA1/33.2	1	Contactor TeSys LC1-D - 3P - AC-3 440V 18 A, Coil 24 V DC	LC1-D 3P 18A LC1D18BD	SE SE	SE.LC1D18BD	
=LIN1+OMA1-27K5 =LIN1+OMA1/27.1	1	Contactor TeSys LC1-D - 3P - AC-3 440V 18 A, Coil 24 V DC	LC1-D 3P 18A LC1D18BD	SE SE	SE.LC1D18BD AKD power ON	

Parts list

F01\_002

Device tag	Quantity	Designation	Type number	Manufacturer	Part number	Pos.
Placement	QU		Order number	Supplier	Function text	
=LIN1+OMA1-17A1 =LIN1+OMA1/17.4	1	CPU 1215C, DC/DC/DC, 14DI/10DO/2AI/2AO SIMATIC, S7-1200	6ES7215-1AG40-0XB0 6ES7215-1AG40-0XB0	SIE SIE	SIE.6ES7215-1AG40-0XB0	
=LIN1+OMA1-18A2 =LIN1+OMA1/18.0	1 piece	S7-1200, ANALOG INPUT SM 1231 TC, 4 AI SIMATIC, S7-1200	6ES7231-5QD32-0XB0 6ES7231-5QD32-0XB0	SIE	SIE.6ES7231-5QD32-0XB0	
=LIN1+OMA1-15K2 =LIN1+OMA1/15.2	1	SIMATIC HMI KTP700 BASIC SIMATIC, HMI	6AV2123-2GB03-0AX0 6AV2123-2GB03-0AX0	SIE SIE	SIE.6AV2123-2GB03-0AX0	
=LIN1+FIELD-20A1 =LIN1+OMA1/20.2	1	SIMATIC HMI KTP700 BASIC SIMATIC, HMI	6AV2123-2GB03-0AX0 6AV2123-2GB03-0AX0	SIE SIE	SIE.6AV2123-2GB03-0AX0	
=LIN1+OMA1-26K3 =LIN1+OMA1/26.3	1 Piece	Relay module Relay module, 24 V DC +/-20 %, Green LED, Free-wheeling diode, Reverse polarity protection, 21ES4900000	TRS 24VDC 2CO 21ES4900000 (AgNi) , 250 V AC, 8 A, Screw connection	WEI	WEI.1123490000 Hlajenje omare	
=LIN1+OMA1-26K4 =LIN1+OMA1/26.8	1 Piece	Relay module Relay module, 24 V DC +/-20 %, Green LED, Free-wheeling diode, Reverse polarity protection, 21ES4900000	TRS 24VDC 2CO 21ES4900000 (AgNi) , 250 V AC, 8 A, Screw connection	WEI	WEI.1123490000 STO enable	
=LIN1+OMA1-3TB1 =LIN1+OMA1/3.0	1 piece	Continuous current supply Power supply, 120 W, 5 A at 55 °C	PRO ECO3 120W 24V 5A 1469530000	WEI	WEI.1469530000	
=LIN1+OMA1-1X1 =LIN1+OMA1/1.0	2 Piece	End bracket End bracket, Wemid, dark beige, Rail: TS 35, when screwed in	WEW 35/2 1061200000	WEI	WEI.1061200000 Dovodne sponke	

Summarized parts list

F02\_002

Order number	Quantity	Designation	Type number	Supplier	Unit price	Total price
	0					0,00
6ES7215-1AG40-0XB0	1	CPU 1215C, DC/DC/DC, 14DI/10DO/2AI/2AO	6ES7215-1AG40-0XB0	SIE	0,00	0,00
6ES7231-5QD32-0XB0	1	S7-1200, ANALOG INPUT SM 1231 TC, 4 AI	6ES7231-5QD32-0XB0		0,00	0,00
	1					0,00
BM017310--	1	Inštalacijski odklopnik, karak. C, 10A, 10kA, 3-polni Miniature Circuit Breaker (MCB) C10/3, 10kA	BM017310--	SCHR	0,00	0,00
BM017302--	1	Inštalacijski odklopnik, karak. C, 2A, 3-polni, 10kA Miniature Circuit Breaker (MCB) C2/3, 10kA	BM017302--	SCHR	0,00	0,00
BM017106--	2	Inštalacijski odklopnik, karak. C, 6A, 1-polni, 10kA Miniature Circuit Breaker (MCB) C6/1, 10kA	BM017106--		0,00	0,00
9000-41068-0200600	1	Current monitoring equipment	9000-41068-0200600		0,00	0,00
XB4BVM4	3	Red complete pilot light Ø22 plain lens with integral LED 230...240V	XB4BVM4	SE	0,00	0,00
LC1D38P7	1	Contactora TeSys LC1-D - 3P - AC-3 440V 38 A, Coil 230 V AC	LC1-D 3P 38A	SE	0,00	0,00
LC1D18BD	2	Contactora TeSys LC1-D - 3P - AC-3 440V 18 A, Coil 24 V DC	LC1-D 3P 18A	SE	0,00	0,00
6AV2123-2GB03-0AX0	2	SIMATIC HMI KTP700 BASIC	6AV2123-2GB03-0AX0	SIE	0,00	0,00
1123490000	2	Relay module	TRS 24VDC 2CO		0,00	0,00
58171	1	TREE 8TX METALL - UNMANAGED SWITCH - 8 PORTS	8 port unmanaged switch		0,00	0,00
IUKNF1523A	1	Ventilator s filtrom 230V, 11W, 109x109x62mm, IP54, 16m3/h Filter Ventilator 109x109x62mm (25m³/h), IP54	IUKNF1523A	SCHR	0,00	0,00
IK021038I-	0	N-sponka za 15 odvodov, montaža na DIN letev, izolirana Insulated neutral terminal, 15 outgoing terminals	IK021038I-	SCHR	0,00	0,00
IK021039I-	0	PE-sponka za 15 odvodov, montaža na DIN letev, izolirana Insulated PE terminal, 15 outgoing terminals	IK021039I-	SCHR	0,00	0,00
BE501000--	2	Motorsko zaščitno stikalo BE5 0,63-1,0A / 3P Motor Protection Circuit Breaker, 3-pole, 0.63-1.0A	BE501000--	SCHR	0,00	0,00
BE082882--	3	Pomožni kontakt MZS BE5, 1Z in 1O, čelna vgradnja Auxiliary contact front, 1NO+1NC	BE082882--	SCHR	0,00	0,00
BE510000--	1	Motorsko zaščitno stikalo BE5 6,30-10,0A / 3P Motor Protection Circuit Breaker, 3-pole, 6.3-10A	BE510000--	SCHR	0,00	0,00
012771	1	Main switch, 3 pole + N, 63 A, STOP function, Lockable in the 0 (Off) position, flush mounting	P3-63/EA/SVB-SW/N	ETN	0,00	0,00
IUK08566--	1	Termostat za ventilator, 0 - 60° C, 1 delovni kontakt Ventilation thermostat 1 NO switch, blue, 0°-60°C	IUK08566--	SCHR	0,00	0,00
1469530000	1	Continuous current supply	PRO ECO3 120W 24V 5A		0,00	0,00
UR6P3052	1	UR6P3052   Rele, nadzor zaporedja faz, 3-fazni, 2 preklopna kontakta	UR6P3052	SCHR	0,00	0,00
AKD-6A	1	AKD-6A	AKD-6A	Kollmorgen	0,00	0,00
	1				0,00	0,00
1061200000	2	End bracket	WEW 35/2		0,00	0,00
BZ325003--	4	Vtičnica za montažo na letev s LED signalizacijo Rail mountable socket, with LED and screw connection	BZ325003--	SCHR	0,00	0,00

0	1	2	3	4	5	6	7	8	9
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Summarized parts list

F02\_002

Order number	Quantity	Designation	Type number	Supplier	Unit price	Total price
4000-73000-0010000	2	Connector (special)	4000-73000-0010000		0,00	0,00
	1				0,00	0,00



Cable name

6W1

Cable type

Free conductors

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-6M2:U1	AKTUATOR			
	=LIN1+OMA1-6M2:V1	=			
	=LIN1+OMA1-6M3:x1				
	=LIN1+OMA1-6M2:PE	AKTUATOR			
	=LIN1+OMA1-6M2:W1	=			
	=LIN1+OMA1-6M3:x2				

BK

BN

BU

GNYE

GY

RD

BK

BN

BU

GNYE

GY

RD

-6W1

L1

L2

Cable parts

Order number

Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+OMA1-6U2-X2:4	
				=LIN1+OMA1-6U2-X2:5	
				=LIN1+OMA1-6U2-X2:1	
				=LIN1+OMA1-6U2-X2:3	
				=LIN1+OMA1-6U2-X2:6	
				=LIN1+OMA1-6U2-X2:2	

Cable name

11W2

Cable type

ETHERLINE® PN Cat.5e Y 4x22 mm²

Free conductors

Cable parts

LAPP.2170891

Order number

2170891

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-11KF1:X1	PLC KOMUNIKACIJA			

L1

WH

YE

BU

OG

SH

-11W2

L2

WH

YE

BU

OG

SH

Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+OMA1-17A1:X1P1 R	

Cable name11W3

Cable typeETHERLINE® PN Cat.5e Y 4x22 mm²

Free conductors

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number

WH

YE

BU

OG

SH

WH

YE

BU

OG

SH

-11W3

Cable parts

Order number

LAPP.2170891

2170891

Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				NG-LIN1+OMA1-11KF1:X2:1	

Cable name11W4

Cable typeETHERLINE® PN Cat.5e Y 4x22 mm²

Free conductors

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number

WH

YE

BU

OG

SH

WH

YE

BU

OG

SH

-11W4

L2

Cable parts

Order number

LAPP.2170891

2170891

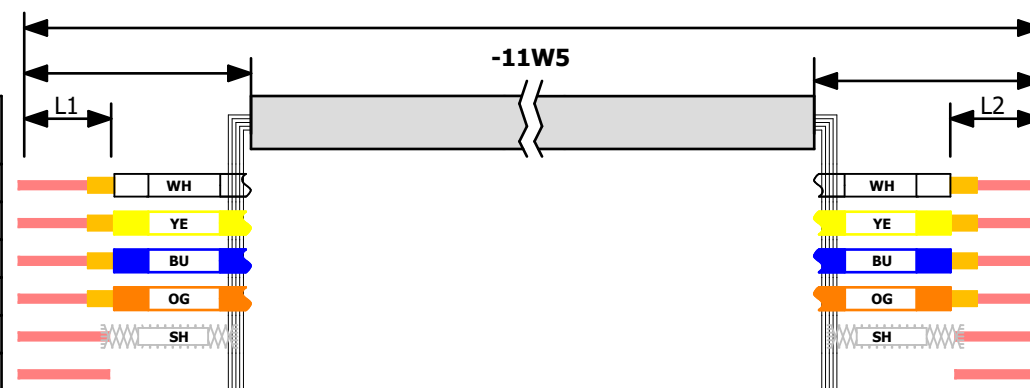
Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
			HMI KOMUNIKACIJA	LIN1+OMA1-11KF1:X3:1	

0	1	2	3	4	5	6	7	8	9
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**Cable name** 11W5  
**Cable type** ETHERLINE® PN Cat.5e Y 4x22 mm<sup>2</sup>  
**Free conductors** 4

<b>Cable parts</b>	LAPP.2170891
<b>Order number</b>	2170891

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-11KF1:X4;NC				



Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				#LIN1+OMA1-15K2:X1P1	

Cable name11W6

Cable typeETHERLINE® PN Cat.5e Y 4x22 mm<sup>2</sup>

Free conductors

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-11KF1:X5:NC				

WH

YE

BU

OG

SH

-11W6

WH

YE

BU

OG

SH

Part number

L2 [mm]

Stopper

Function text target

Target

Location designation

				=LIN1+OMA1-14U6:X1P2 R	

5

DAFRA

Kontakt tehnologija

inovativno · zanesljivo · globalno

Odgovoren

Dejan Rožič

28. 08. 2024

Preveril

Vodja projekte

Mail

dejan.rozic@dafra-kt.si

Verzija eplan

2024.0.3

DAFRA D.O.O., Egasi d.o.o.

08/2024| RRI

Diagram kablov

= Dokumentacija

+ Cable\_Diagram

/

Page

6

Page

14 / 73

7

Cable name11W7

Cable typeETHERLINE® PN Cat.5e Y 4x22 mm<sup>2</sup>

Free conductors

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-11KF1:XG:1				

WH

YE

BU

OG

SH

-11W7

WH

YE

BU

OG

SH

L1

L2

Cable parts

Order number

LAPP.2170891

2170891

Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+OMA1-11XF1:X1:IN:1-8	

6

inovativno • zanesljivo • globalno

DAFRA

Kontakt tehnologija

Odgovoren	Dejan Rožič	28. 08. 2024
Preveril	Vodja projektive	
Mail	dejan.rozic@dafra-kt.si	
Verzija eplan	2024.0.3	

DAFRA D.O.O., Egasi d.o.o.

08/2024| RRI

Diagram kablov

= Dokumentacija

+ Cable\_Diagram

/

Page7

Page15 / 73

8

Cable name11W8

Cable typeETHERLINE® PN Cat.5e Y 4x22 mm<sup>2</sup>

Free conductors

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-11KF1:X7:NC				

WH

YE

BU

OG

SH

-11W8

WH

YE

BU

OG

SH

L1

L2

Cable parts

Order number

LAPP.2170891

2170891

Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
			=LIN1+OMA1-11XF2:X1:IN:1-8		

7

DAFRA

Kontakt tehnologija

inovativno · zanesljivo · globalno

Odgovoren

Dejan Rožič

28. 08. 2024

Preveril

Vodja projekte

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2024.0.3

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08/2024| RRI

Diagram kablov

= Dokumentacija

+ Cable\_Diagram

/

Page

8

Page

16 / 73

9



Cable name11W9

Cable typeETHERLINE® PN Cat.5e Y 4x22 mm<sup>2</sup>

Free conductors

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-11KF1:X8:NC				

WH

YE

BU

OG

SH

WH

YE

BU

OG

SH

-11W9

Cable parts

Order number

LAPP.2170891

2170891

Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+OMA1-31U2-LAN:2	

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

**Cable name** 12W10

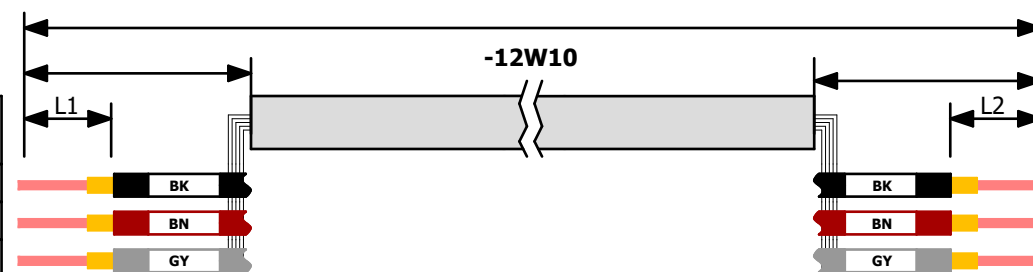
### Cable type

## Free conductors

## Cable parts

**Order number**

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-7X5:24:2				
	=LIN1+OMA1-7X5:25:2				
	=LIN1+OMA1-7X5:26:2				



Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+PLC-32X1:1	
				=LIN1+PLC-32X1:3	
				=LIN1+PLC-32X1:4	

0

1

2

3

4

5

6

7

8

9

Cable name12W11

Cable type

Free conductors

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-7X5:27:2				
	=LIN1+OMA1-7X5:28:2				
	=LIN1+OMA1-7X5:29:2				

-12W11

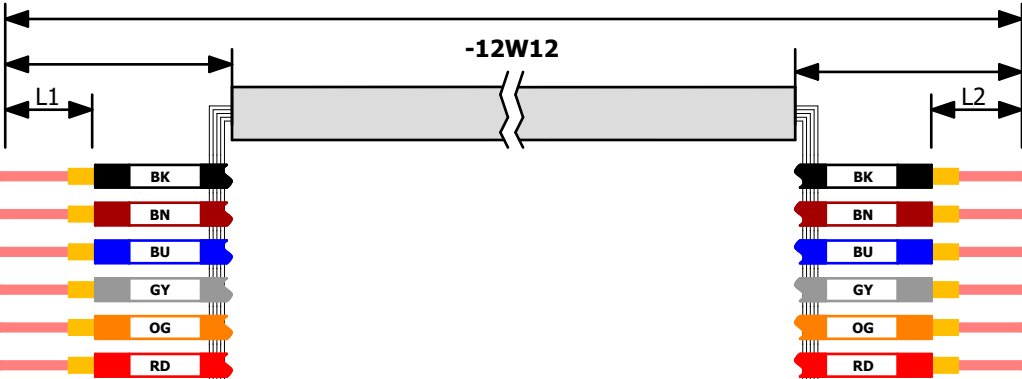
Cable parts

Order number

Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+PLC-32X2:1	
				=LIN1+PLC-32X2:3	
				=LIN1+PLC-32X2:4	

10

12

0		1		2		3		4		5		6		7		8		9	
<div><div>Cable name12W12</div><div>Cable type</div><div>Free conductors</div></div>												<div>Cable parts</div> <div>Order number</div>							
Location designationSourceFunction text sourceStopperL1 [mm]Part number												Part numberL2 [mm]StopperFunction text targetTargetLocation designation							

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

**Cable name** 13W13

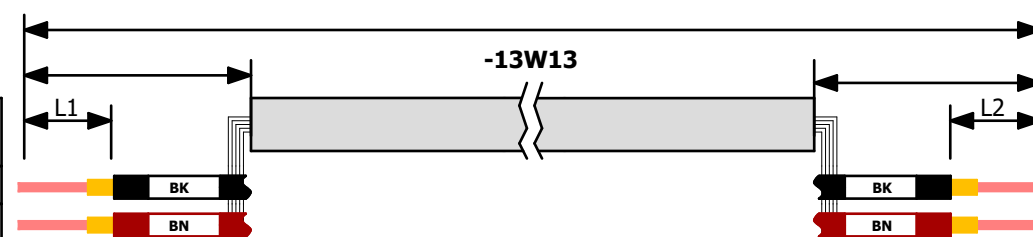
### Cable type

## Free conductors

## Cable parts

**Order number**

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-12X6:1:2				
	=LIN1+OMA1-12X6:1:4				



Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+FIELD-13X1:+	<i>FIELD</i>
				=LIN1+FIELD-13X1:-	<i>FIELD</i>

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

**Cable name** 13W14

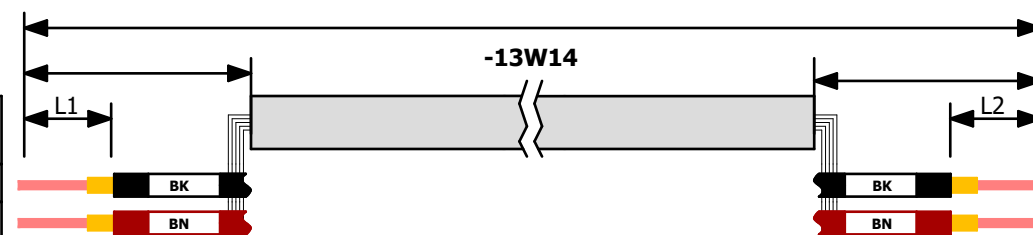
### Cable type

## Free conductors

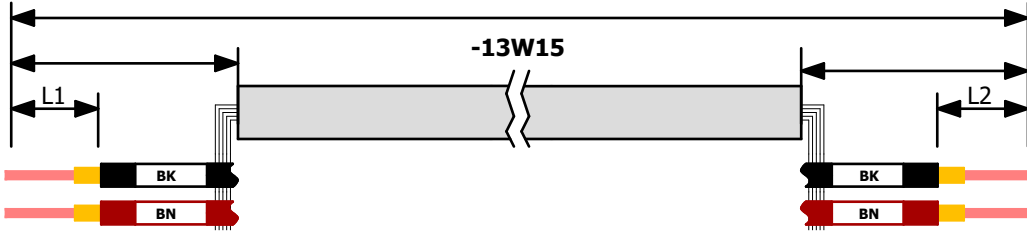
## Cable parts

**Order number**

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-12X6:2:2				
	=LIN1+OMA1-12X6:2:4				



Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+FIELD-13X2:+	<i>FIELD</i>
				=LIN1+FIELD-13X2:-	<i>FIELD</i>

0		1		2		3		4		5		6		7		8		9																																	
Cable name 13W15										Cable parts																																									
Cable type										Order number																																									
Free conductors																																																			
<table><tr><td>Location designation</td><td>Source</td><td>Function text source</td><td>Stopper</td><td>L1 [mm]</td><td>Part number</td></tr><tr><td></td><td>=LIN1+OMA1-12X6:3:2</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>=LIN1+OMA1-12X6:3:4</td><td></td><td></td><td></td><td></td></tr></table>						Location designation	Source	Function text source	Stopper	L1 [mm]	Part number		=LIN1+OMA1-12X6:3:2						=LIN1+OMA1-12X6:3:4									<table><tr><td>Part number</td><td>L2 [mm]</td><td>Stopper</td><td>Function text target</td><td>Target</td><td>Location designation</td></tr><tr><td></td><td></td><td></td><td></td><td>=LIN1+FIELD-13X2:1</td><td>FIELD</td></tr><tr><td></td><td></td><td></td><td></td><td>=LIN1+FIELD-13X2:2</td><td>FIELD</td></tr></table>						Part number	L2 [mm]	Stopper	Function text target	Target	Location designation					=LIN1+FIELD-13X2:1	FIELD					=LIN1+FIELD-13X2:2	FIELD
Location designation	Source	Function text source	Stopper	L1 [mm]	Part number																																														
	=LIN1+OMA1-12X6:3:2																																																		
	=LIN1+OMA1-12X6:3:4																																																		
Part number	L2 [mm]	Stopper	Function text target	Target	Location designation																																														
				=LIN1+FIELD-13X2:1	FIELD																																														
				=LIN1+FIELD-13X2:2	FIELD																																														

Cable name

20W16

Cable type

7G0,5 mm²

Free conductors

4

Cable parts

7G075

Order number

Location designation	Source	Function text source	Stopper	L1 [mm]	Part number
	=LIN1+OMA1-7X5:40:1				
	=LIN1+OMA1-7X5:41:1				
	=LIN1+OMA1-7X5:42:1				

L1

1

2

3

4

5

6

PE

-20W16

L2

1

2

3

4

5

6

PE

Part number	L2 [mm]	Stopper	Function text target	Target	Location designation
				=LIN1+FIELD-20A1:-X80:1	FIELD
				=LIN1+FIELD-20A1:-X80:2	FIELD
				=LIN1+FIELD-20A1:FE	FIELD



Cable overview

F10\_002

Cable type	Cable description	Device tag	Conductors	Cross-section	Length	Function text
		6W1				
		6W2				
ETHERLINE® PN Cat.5e Y	ETHERLINE Y CAT5 2X2XAWG22	11W2	4	22		PLC KOMUNIKACIJA
	ETHERLINE Y CAT5 2X2XAWG22	11W3	4	22		NC
	ETHERLINE Y CAT5 2X2XAWG22	11W4	4	22		HMI KOMUNIKACIJA
	ETHERLINE Y CAT5 2X2XAWG22	11W5	4	22		NC
	ETHERLINE Y CAT5 2X2XAWG22	11W6	4	22		=
	ETHERLINE Y CAT5 2X2XAWG22	11W7	4	22		FREKVENČNIK
	ETHERLINE Y CAT5 2X2XAWG22	11W8	4	22		NC
	ETHERLINE Y CAT5 2X2XAWG22	11W9	4	22		=
		12W10				
		12W11				
		12W12				
		13W13				
		13W14				
		13W15				
		20W16	7G	0,5		

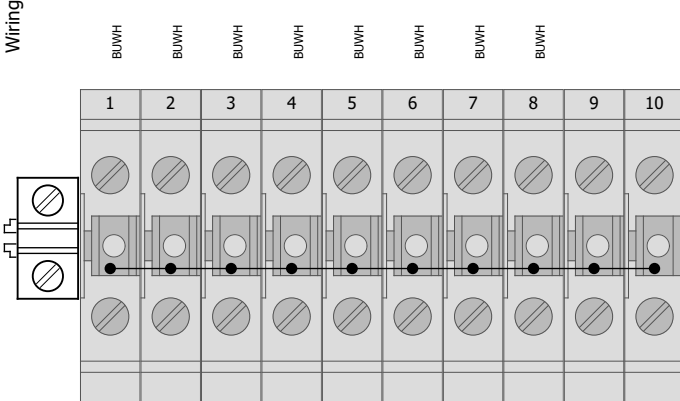
# Terminal diagram

F13\_005

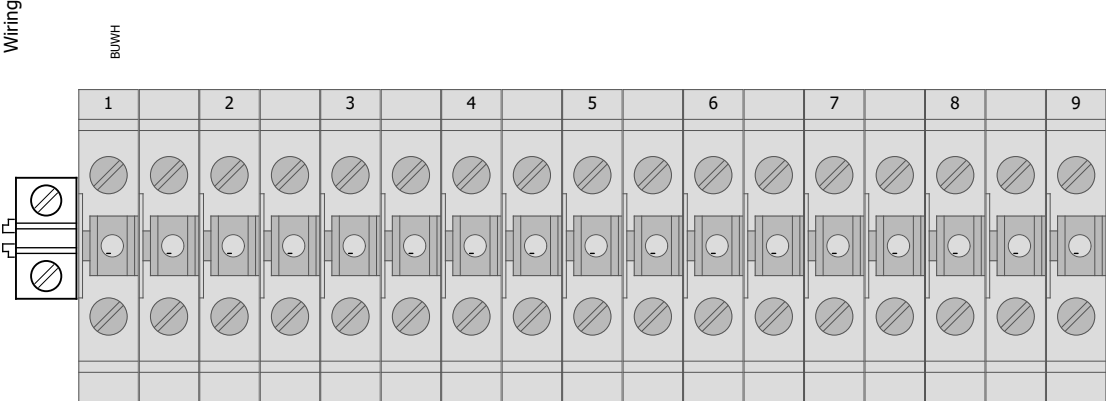
[illegible]

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

Strip  
=LIN1+OMA1-5X4

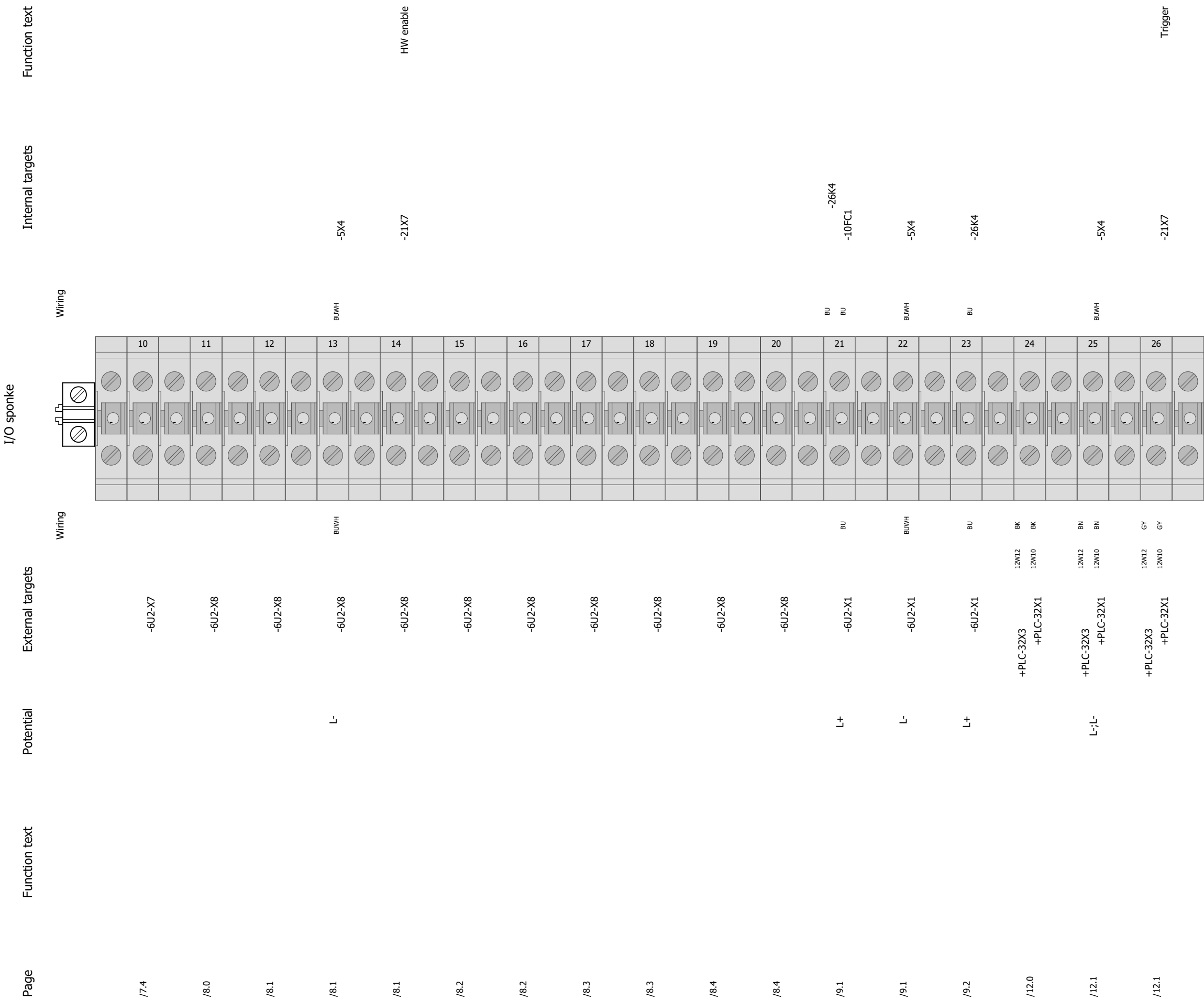
Page	Function text	Potential	External targets	Internal targets	Function text
/5.1 /5.1 /5.1 /5.2 /5.2 /5.2 /5.2 /5.3 /5.3	0V DC		-3TB1	-17A1	Hajenje omare
			-10FC1	-17A1	
			-7X5	-17A1	
			-7X5	-18A2	
			-7X5	-17A1	
			-7X5	-7X5	
			-7X5	-11KF1	
			-7X5	-26K3	

Strip  
=LIN1+OMA1-7X5

Page	Function text	Potential	External targets	Internal targets	Function text
/7.0 /7.0 /7.1 /7.1 /7.1 /7.2 /7.2 /7.3 /7.3	I/O sponke		-6U2-X7	-5X4	
			-6U2-X7		
			-6U2-X7		
			-6U2-X7		
			-6U2-X7		
			-6U2-X7		
			-6U2-X7		
			-6U2-X7		
			-6U2-X7		

# Terminal diagram

F13\_005



1.a

1.c

Terminal diagram										F13_005									
Strip										=LIN1+OMA1-7X5									
I/O sponke										Wiring									
External targets										Internal targets									
Potential										Function text									
Page										Function text									
/12.1										/12.1									
/12.2										/12.2									
/12.2										/12.2									
/12.3										/12.3									
/12.4										/12.4									
/12.4										/12.4									
/12.4										/12.4									
/12.4										/12.4									
/12.4										/12.4									
/12.5										/12.5									
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/12.5										/12.5									
/12.5										/12.5									
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/20.6										/20.6									
/20.6										/20.6									

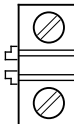
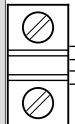
# Terminal diagram

F13\_005

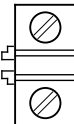
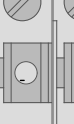
Terminal diagram

F13\_005

Strip  
=LIN1+OMA1-12X6

Page	Function text	Potential	External targets	Termodlen sponke	Internal targets	Function text
/12.7			-18A2 +FIELD-13X1	Wiring 		
/12.8			-18A2 +FIELD-13X2	13W13 BK	-18A2	TEMP. ORODJA
/12.8			-18A2 +FIELD-13X2	13W14 BK	-18A2	=
/12.9			-18A2 +FIELD-13X2	13W15 BK	-18A2	TEMP. OKOLICE
			-18A2		-18A2	

Strip  
=LIN1+OMA1-21X7

Page	Function text	Potential	External targets	PLC sponke	Internal targets	Function text
/21.1	Trigger		-17A1	Wiring 	-7X5	
/21.3			-17A1			
/21.5			-17A1			
/21.8			-17A1			
/22.1			-17A1			
/22.3			-17A1			
/22.5			-17A1			
/22.8			-17A1			
/23.1			-17A1			
/23.3	Termostant - hlajenje	L+	-17A1	Wiring 	-2S3	Termostat 0-60
/23.5			-17A1			
/23.8			-17A1			

# Terminal diagram

F13\_005

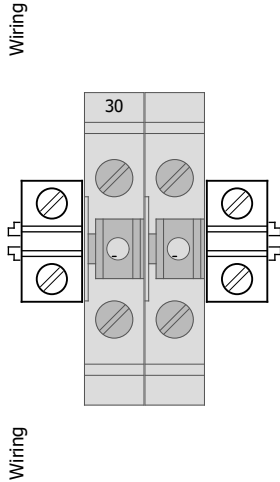
Terminal diagram

F13\_005

Page	Function text	Potential	External targets	Wiring	PLC sponke	Wiring	Internal targets	Function text
/24.1			-17A1					
/24.3			-17A1					
/24.5								
/24.8								
/25.1			-7X5				-17A1	Sistem feedback OK
/25.3							-17A1	
/25.5							-17A1	
/25.8							-17A1	
/26.1							-17A1	
/26.3	Hlajenje onare		-26K3				-17A1	Hlajenje onare
/26.5			-7X5				-17A1	HW enable
/26.8	STO enable		-26K4				-17A1	STO enable
/27.1	AKD power ON		-27K5				-17A1	AKD power ON
/27.3							-17A1	
/28.2			-17A1					
/28.5			-17A1					
/29.2			-17A1					

Strip  
=LIN1+OMA1-21X7

Page      Function text      Potential      External targets      PLC sponke      Internal targets      Function text



-17A1

/29.5



## Plug diagram

F22\_001

[illegible]

## F22\_001

1

Plug overview

F23\_002

Plug designation	Function text	Plug					Page of plug diagram
		first	last	Total PE	Total N	Total number	
=L1+MP-?X1				0	0	0	
=L1+MP-?X2				0	0	0	
=L1+MP-?X3				0	0	0	
=LIN1+OMA1-6X1		1	3	0	0	3	
=LIN1+OMA1-6X2		1	3	0	0	3	
=LIN1+FIELD-13X1		+	-	0	0	2	=Dokumentacija+Plug_Diagram/1
=LIN1+FIELD-13X2		1	-	0	0	4	=Dokumentacija+Plug_Diagram/2

Terminal-strip overview

F14\_002

Terminal strip	Function text	Terminals					Terminal diagram page
		first	last	Total PE	Total N	Total number	
=LIN1+OMA1-1X1	Dovodne sponke	1	PE	1	0	5	=Dokumentacija+Terminal_Diagram/1
=LIN1+OMA1-2X2	Hlajenje ele. omare	1	PE	1	1	3	=Dokumentacija+Terminal_Diagram/1
=LIN1+OMA1-4X3	24V DC	1	5	0	0	5	=Dokumentacija+Terminal_Diagram/1
=LIN1+OMA1-5X4	0V DC	1	10	0	0	10	=Dokumentacija+Terminal_Diagram/1
=LIN1+OMA1-7X5	I/O sponke	1	42	0	0	84	=Dokumentacija+Terminal_Diagram/1
=LIN1+OMA1-12X6	Termoclen sponke	1	4	0	0	4	=Dokumentacija+Terminal_Diagram/1
=LIN1+OMA1-21X7	PLC sponke	1	30	0	0	60	=Dokumentacija+Terminal_Diagram/1

Table of contents

F06\_002

Function designation	Location designation	Page	Page description	supplementary page field	Date	Edited by
Dokumentacija	TitlePage	1	Naslovna stran		13. 08. 2024	DEJAN
	TitlePage	2	Title page / cover sheet		13. 08. 2024	DEJAN
	Part_List	1	naprava		28. 08. 2024	DEJAN
	Part_List	1.a	naprava		28. 08. 2024	DEJAN
	Part_List	1.b	naprava		28. 08. 2024	DEJAN
	Part_List	1.c	naprava		28. 08. 2024	DEJAN
	Summarized_partList	1	Sumarna kosovnica		28. 08. 2024	DEJAN
	Summarized_partList	1.a	Sumarna kosovnica		28. 08. 2024	DEJAN
	Cable_Diagram	1	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	2	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	3	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	4	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	5	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	6	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	7	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	8	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	9	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	10	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	11	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	12	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	13	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	14	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	15	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Diagram	16	Diagram kablov		13. 08. 2024	DEJAN
	Cable_Overview	1	Pregled kablov		13. 08. 2024	DEJAN
	Terminal_Diagram	1	Terminal diagram =LIN1+OMA1-1X1 =LIN1+OMA1-2X2 =LIN1+OMA1-4X3		13. 08. 2024	DEJAN
	Terminal_Diagram	1.a	Terminal diagram =LIN1+OMA1-5X4 =LIN1+OMA1-7X5		13. 08. 2024	DEJAN
	Terminal_Diagram	1.b	Terminal diagram =LIN1+OMA1-7X5		13. 08. 2024	DEJAN

Table of contents

F06\_002

Function designation	Location designation	Page	Page description	supplementary page field	Date	Edited by
Dokumentacija	Terminal_Diagram	1.c	Terminal diagram =LIN1+OMA1-7X5		13. 08. 2024	DEJAN
	Terminal_Diagram	1.d	Terminal diagram =LIN1+OMA1-12X6 =LIN1+OMA1-21X7		13. 08. 2024	DEJAN
	Terminal_Diagram	1.e	Terminal diagram =LIN1+OMA1-21X7		13. 08. 2024	DEJAN
	Terminal_Diagram	1.f	Terminal diagram =LIN1+OMA1-21X7		13. 08. 2024	DEJAN
	Plug_Diagram	1	Plug diagram =LIN1+FIELD-13X1		13. 08. 2024	DEJAN
	Plug_Diagram	2	Plug diagram =LIN1+FIELD-13X2		13. 08. 2024	DEJAN
	Plug_Overview	1	Plug overview : =L1+MP-?X1 - =LIN1+FIELD-13X2		13. 08. 2024	DEJAN
	Terminal_strip_OverView	1	Pregled spončnih letev		13. 08. 2024	DEJAN
	TOC	1	Kazalo vsebine		28. 08. 2024	DEJAN
	TOC	1.a	Kazalo vsebine		28. 08. 2024	DEJAN
	TOC	1.b	Kazalo vsebine		28. 08. 2024	DEJAN
LIN1	OMA1	1	Dovod		27. 08. 2024	DEJAN
	OMA1	2	HLAJENJE ELE. OMARE		13. 08. 2024	DEJAN
	OMA1	3	220V AC / 24V DC		27. 08. 2024	DEJAN
	OMA1	4	24V periferija		13. 08. 2024	DEJAN
	OMA1	5	DISTRIBUCIJA 0V		13. 08. 2024	DEJAN
	OMA1	6	AKD SERVO - NAPAJANJE / 230V Vtičnice		27. 08. 2024	DEJAN
	OMA1	7	io-BOARD		13. 08. 2024	DEJAN
	OMA1	8	io-BOARD		13. 08. 2024	DEJAN
	OMA1	9	io-BOARD		13. 08. 2024	DEJAN
	OMA1	10	24V - VAROVALKE		13. 08. 2024	DEJAN
	OMA1	11	MREŽA		13. 08. 2024	DEJAN
	OMA1	12	IO		13. 08. 2024	DEJAN
	OMA1	13	Merjenje temperature - termočleni		13. 08. 2024	DEJAN
	OMA1	14	Profinet mreža		13. 08. 2024	DEJAN
	OMA1	15	HMI		13. 08. 2024	DEJAN
	OMA1	16	PLC PREGLEJ		13. 08. 2024	DEJAN
	OMA1	17	PLC		13. 08. 2024	DEJAN

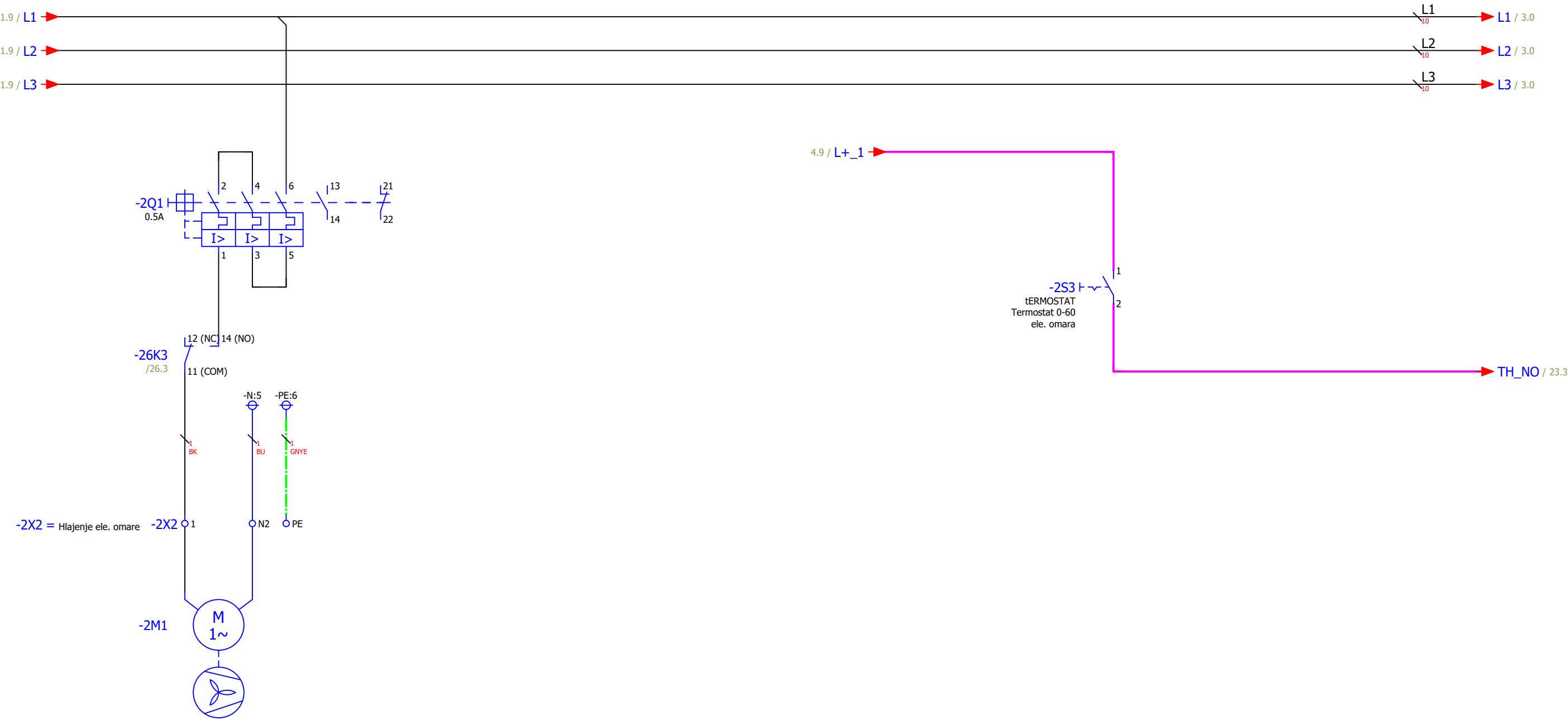
Table of contents

F06\_002

Function designation	Location designation	Page	Page description	supplementary page field	Date	Edited by
LIN1	OMA1	18	AI		13. 08. 2024	DEJAN
	OMA1	19	PLC napajanje		13. 08. 2024	DEJAN
	OMA1	20	HMI napajanje		13. 08. 2024	DEJAN
	OMA1	21	DI		13. 08. 2024	DEJAN
	OMA1	22	DI		13. 08. 2024	DEJAN
	OMA1	23	DI		13. 08. 2024	DEJAN
	OMA1	24	DI		13. 08. 2024	DEJAN
	OMA1	25	DQ		13. 08. 2024	DEJAN
	OMA1	26	DQ		13. 08. 2024	DEJAN
	OMA1	27	DQ		13. 08. 2024	DEJAN
	OMA1	28	AQ		13. 08. 2024	DEJAN
	OMA1	29	AI		13. 08. 2024	DEJAN
	OMA1	30	TC		13. 08. 2024	DEJAN
	OMA1	31	PC & Router komunikacija		13. 08. 2024	DEJAN
	OMA1	32	OMARA1 - dimenzije ele. omare - WSA1008260		28. 08. 2024	DEJAN
	OMA1	33	OMARA1 - montažna plošča - WSA1008260		28. 08. 2024	DEJAN
	OMA1	34	Komponente		28. 08. 2024	DEJAN

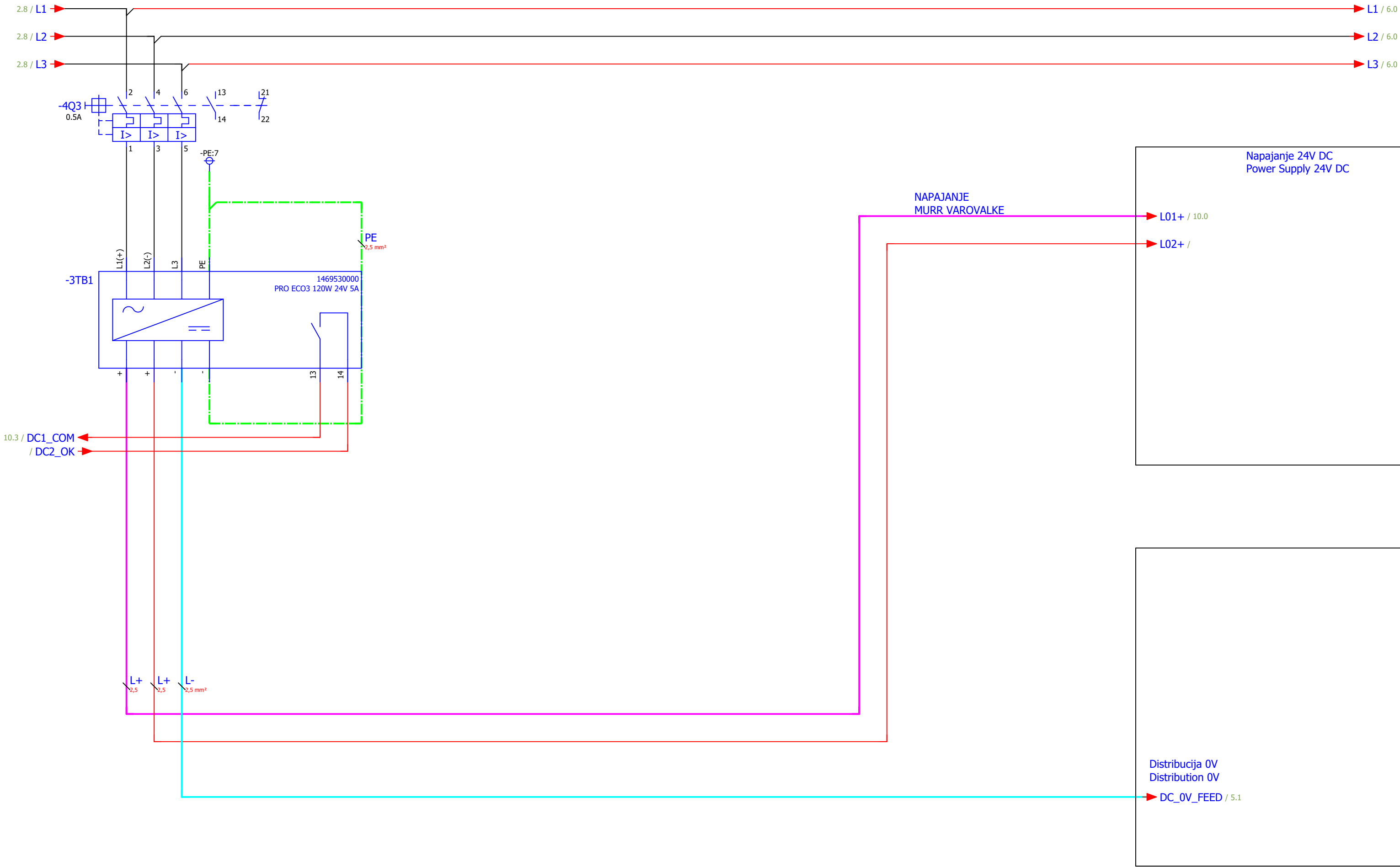




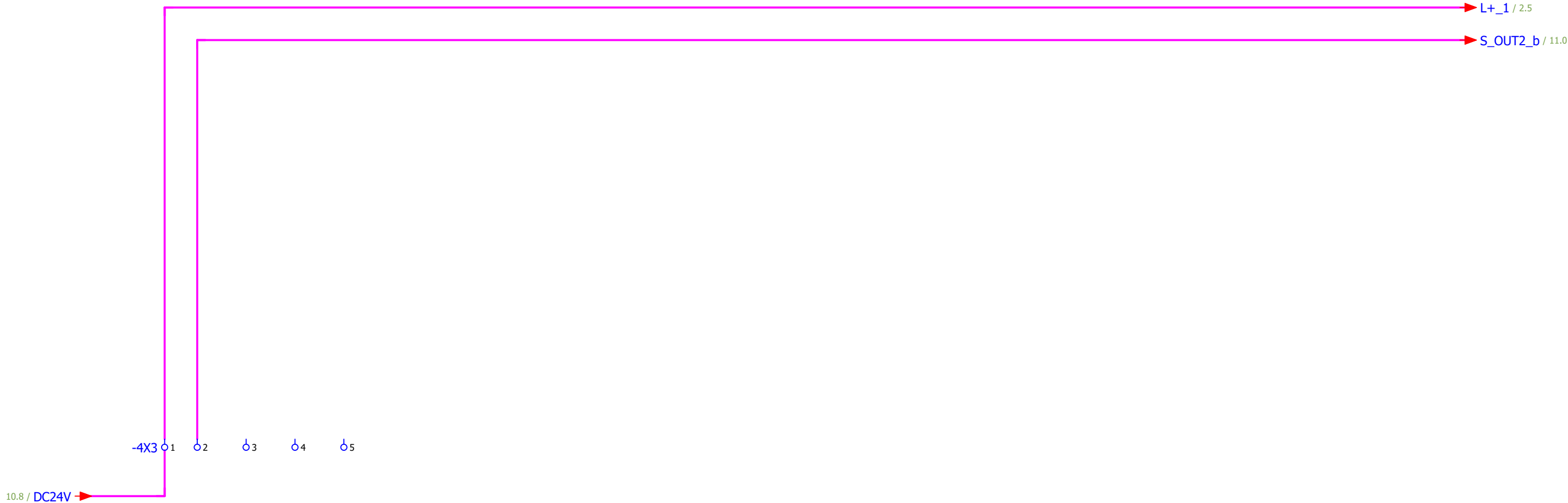


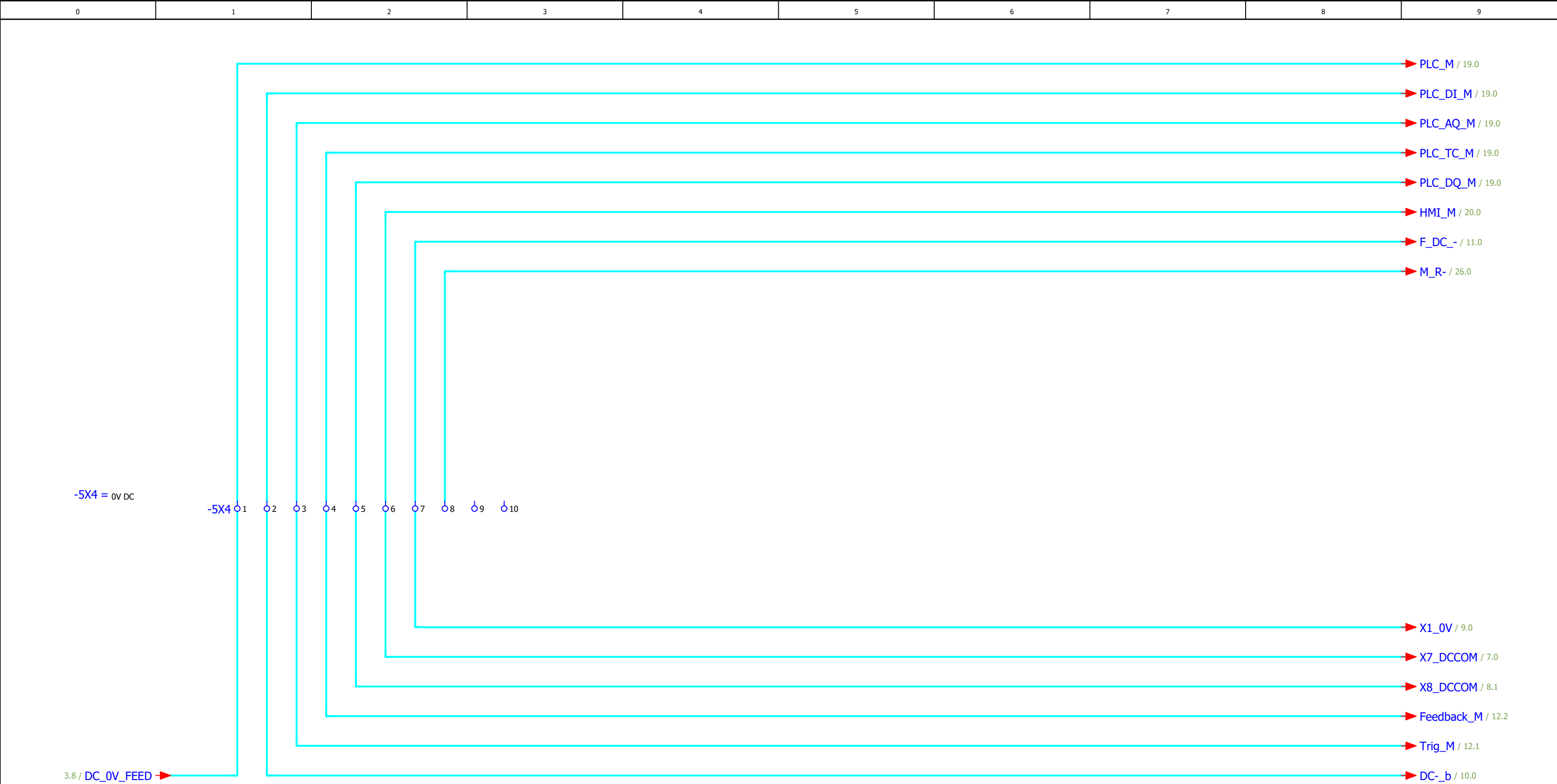
Hlajenje ele. omare  
Cooling Cabinet

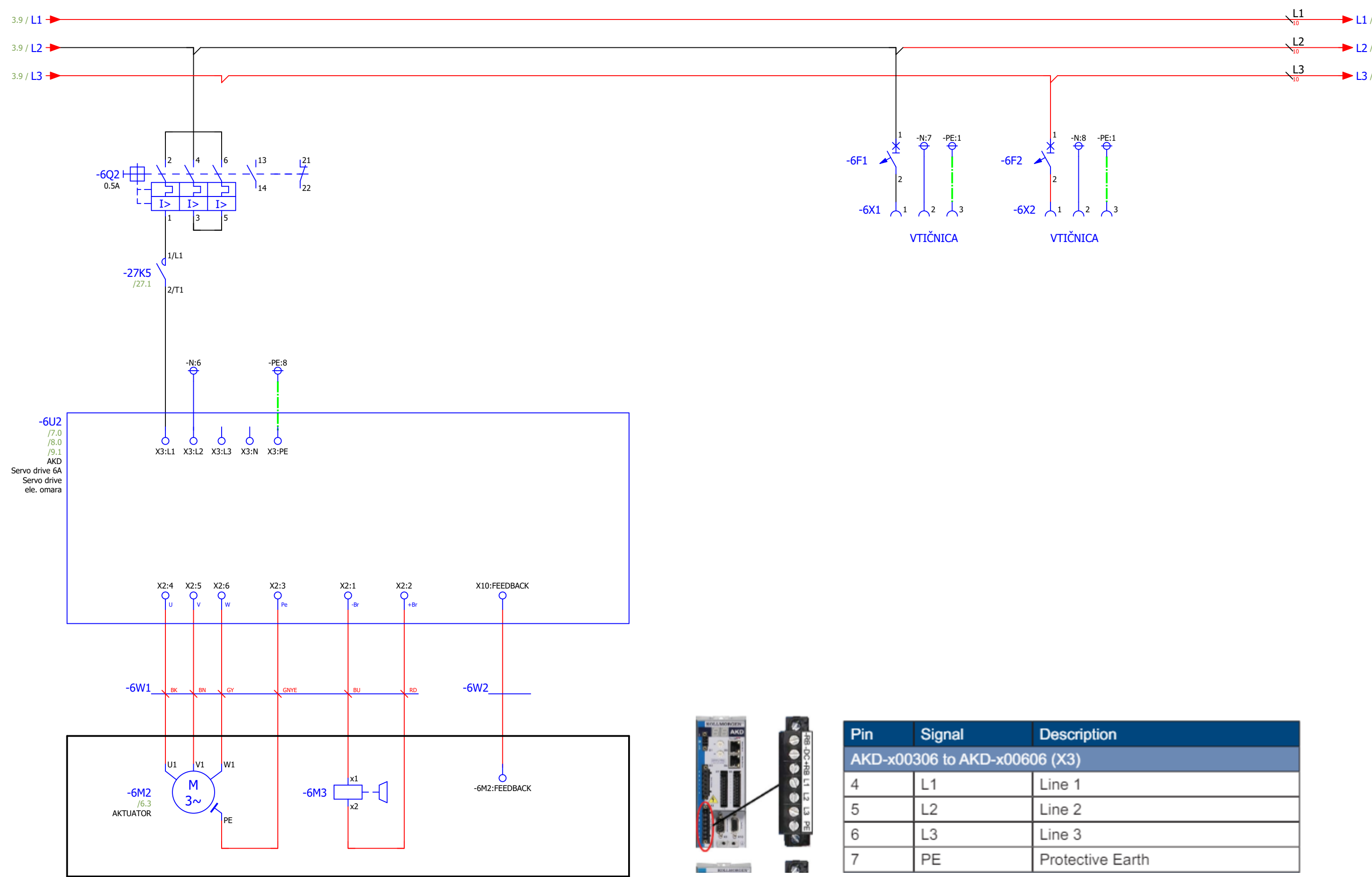
TERMOSTAT



ALARM DC1

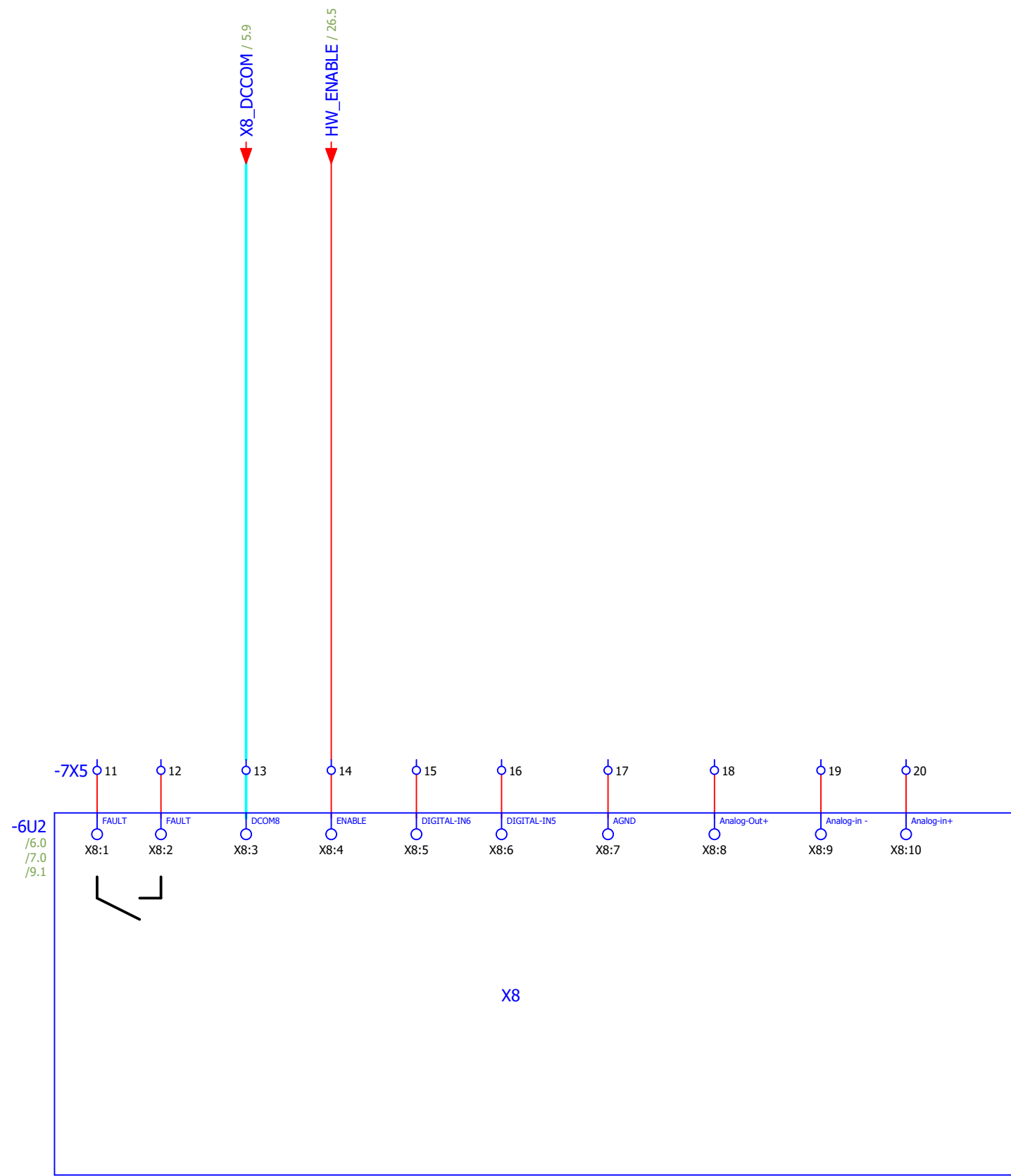






Pin	Signal	Description
AKD-x00306 to AKD-x00606 (X3)		
4	L1	Line 1
5	L2	Line 2
6	L3	Line 3
7	PE	Protective Earth





### 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.

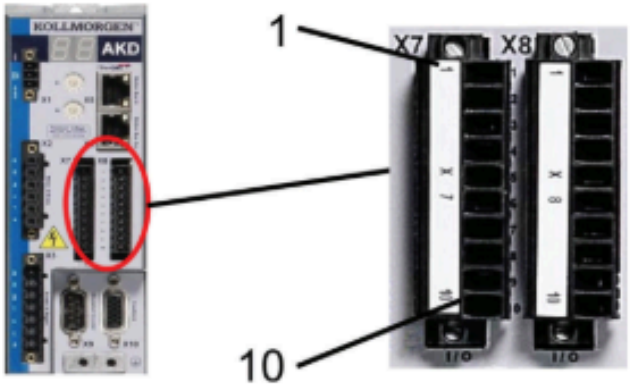
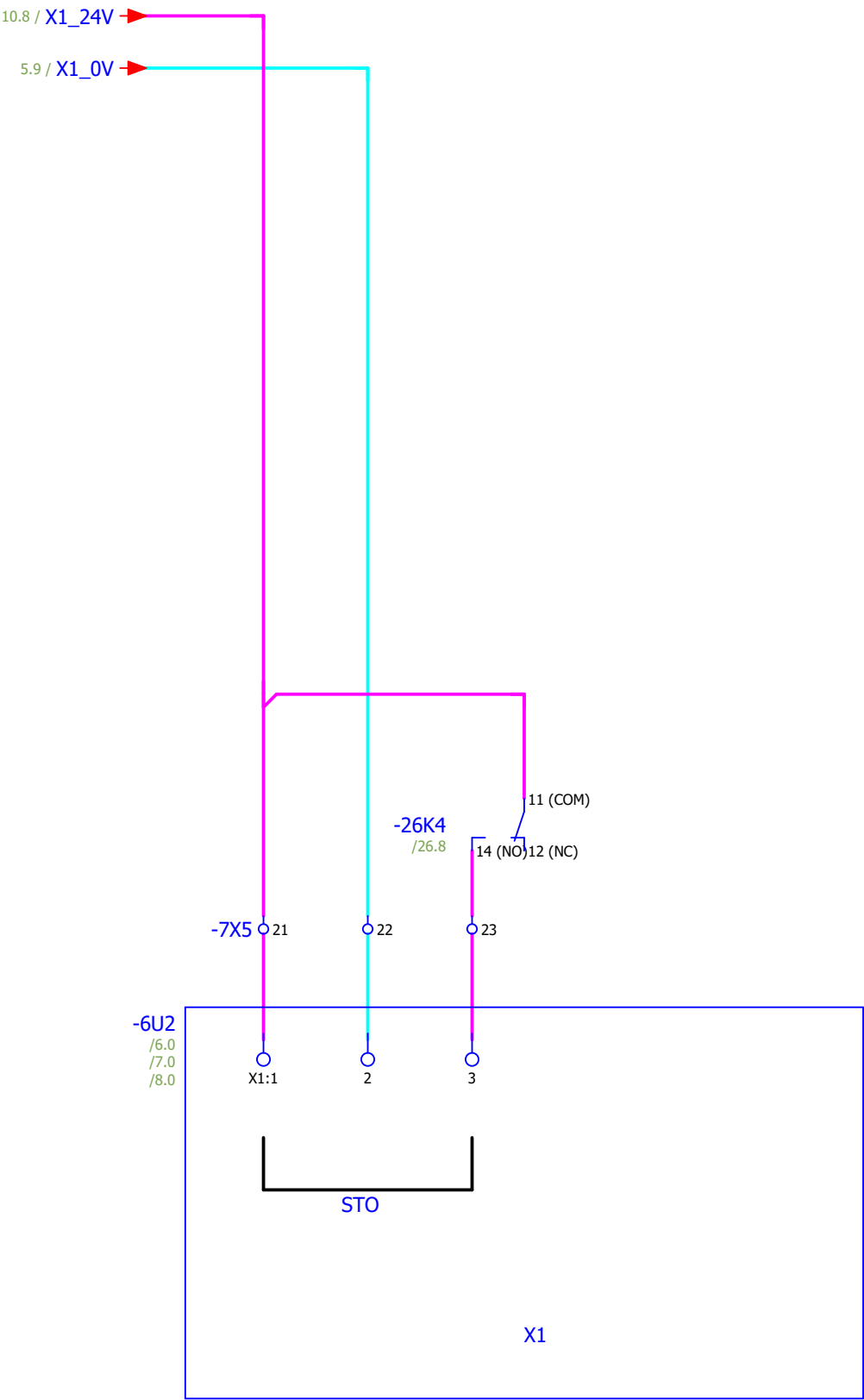
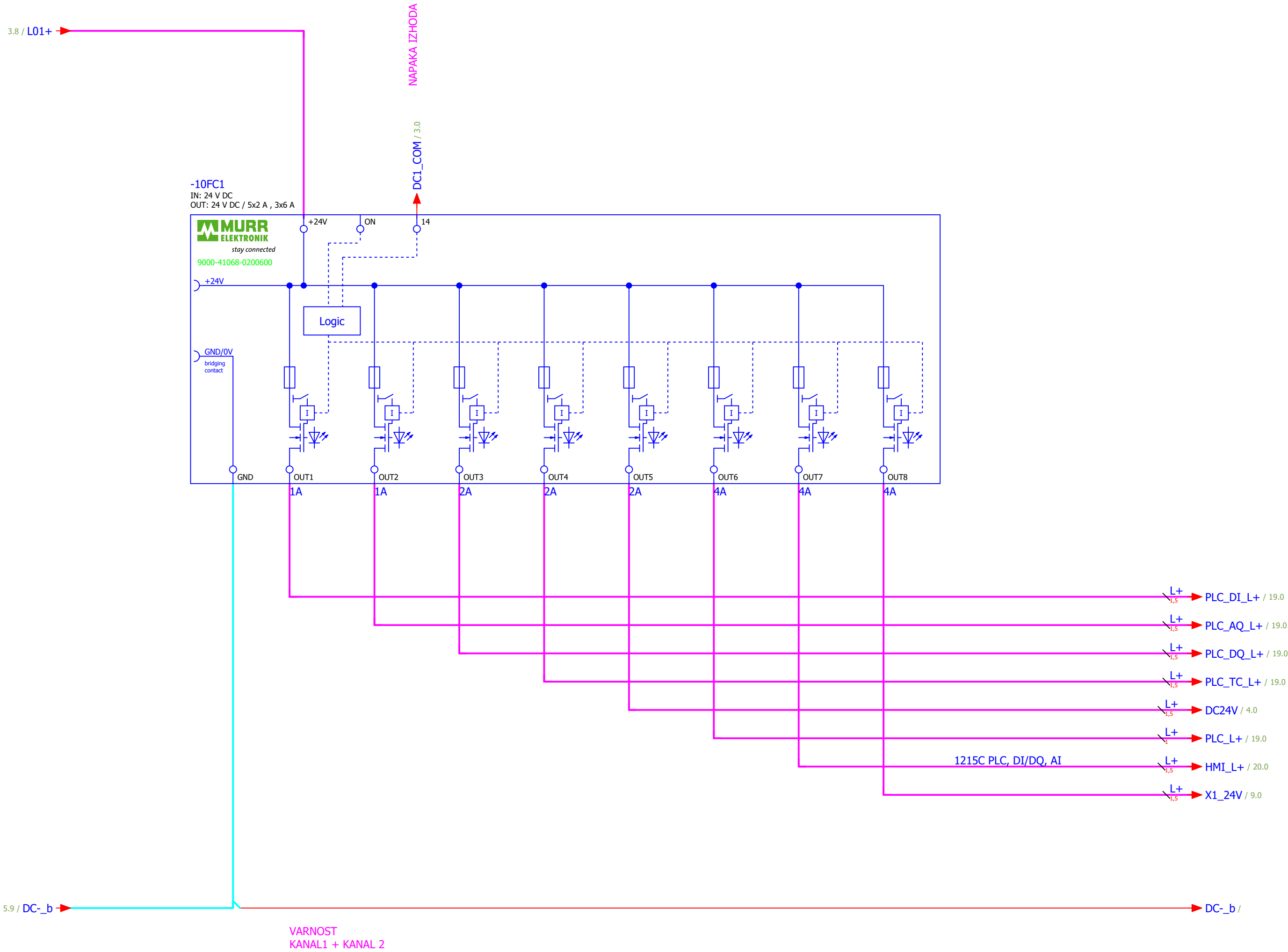


Figure 8. I/O Connection Pin Configuration

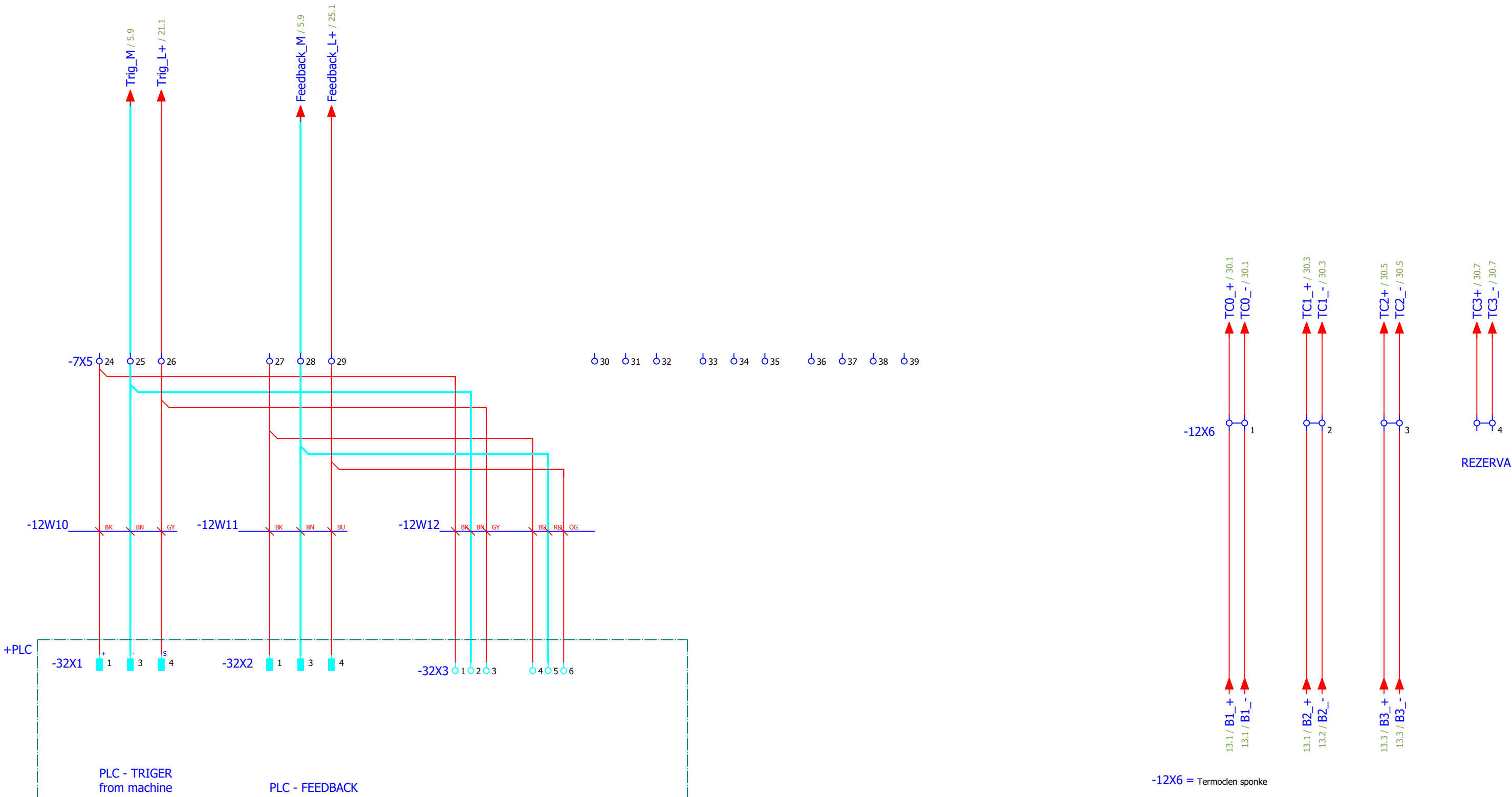
Connector	Pin	Signal	Recommended Function	Specials
X7	1	Digital Common X7	Common line for X7 pins 2,3,4,9	N/A
X7	2	Digital Input 7	Programmable	N/A
X7	3	Digital Input 4	Programmable	N/A
X7	4	Digital Input 3	Programmable	N/A
X7	5	Digital Output 2-	Programmable	N/A
X7	6	Digital Output 2+	Programmable	N/A
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

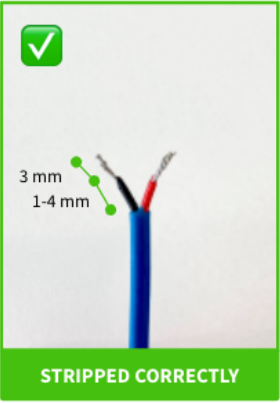




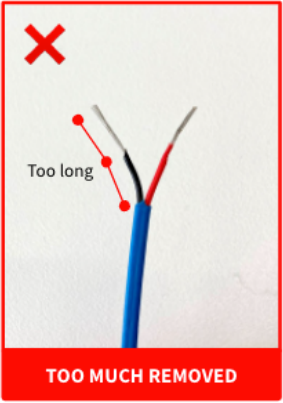




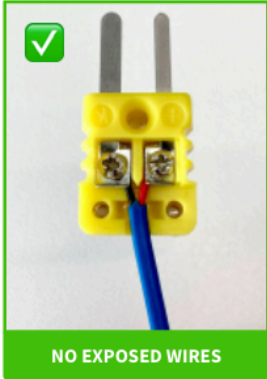




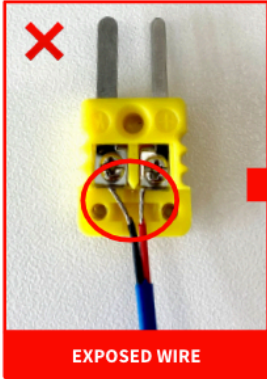
Only remove a minimum amount of cable insulation material as illustrated



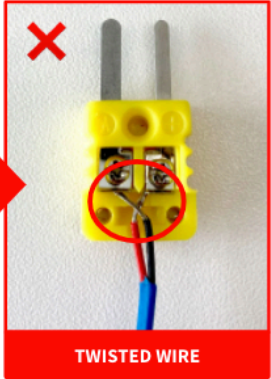
When removing too much, the risk of exposed wires inside the connector is high



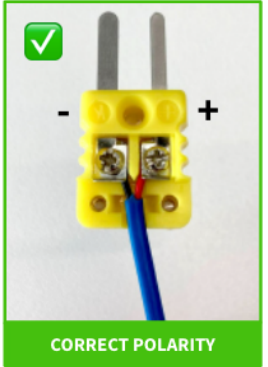
When assembling the connector, ensure that the wires are not exposed and visible



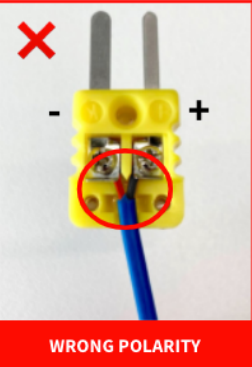
When removing too much, the risk of exposed wires inside the connector is high



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



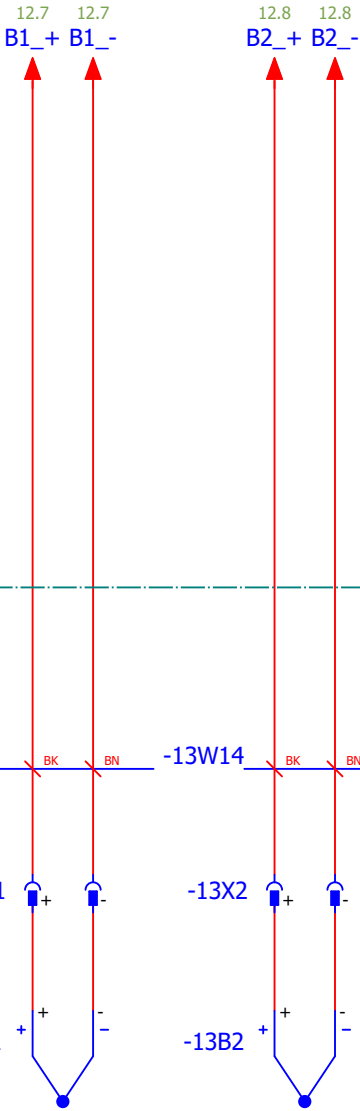
When assembling the connector, ensure that plus and minus are connected as illustrated



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

MERJENJE TEMP. ORODJA

MERJENJE TEMP. KABINE/OKOLICE



Termočlen      Termočlen

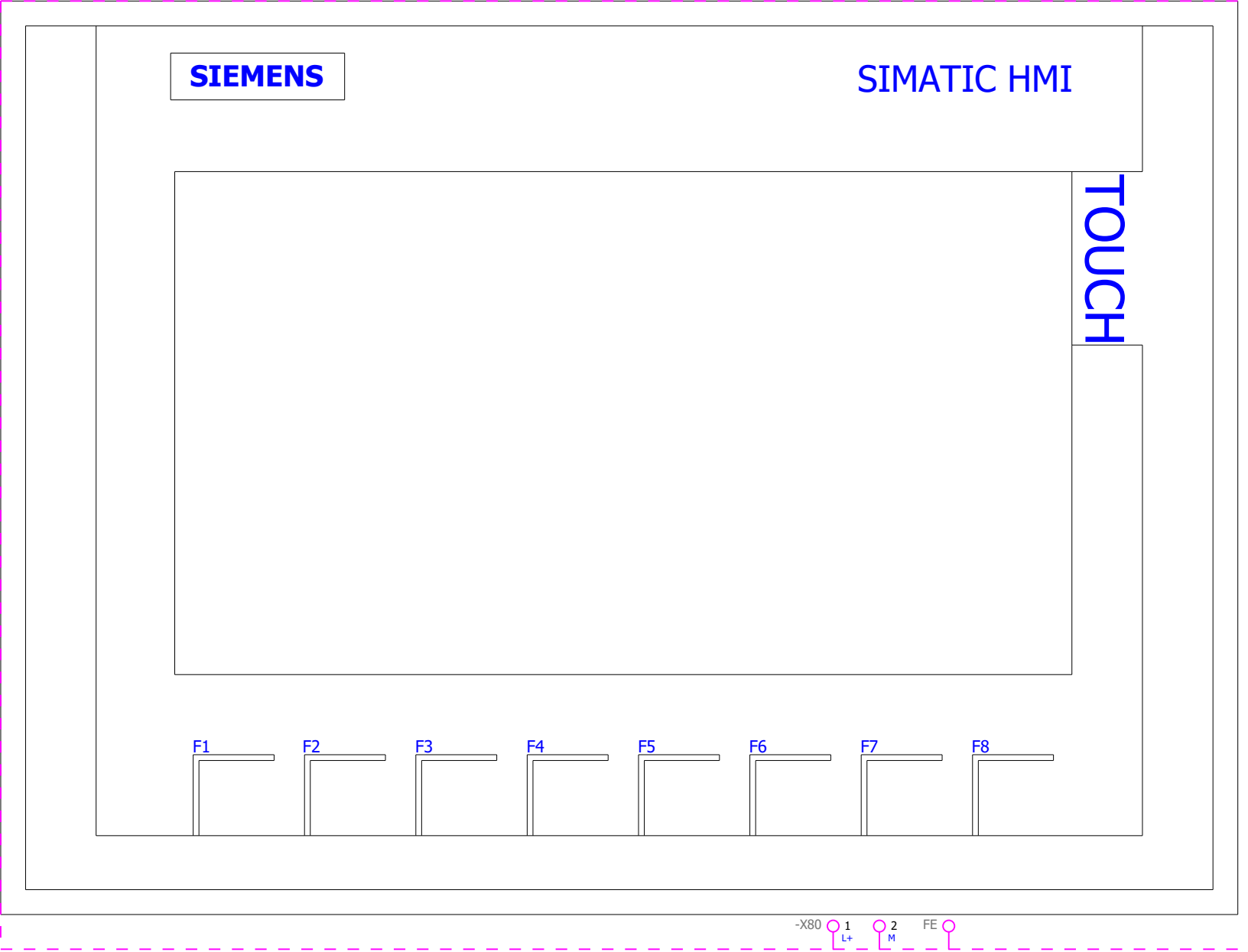


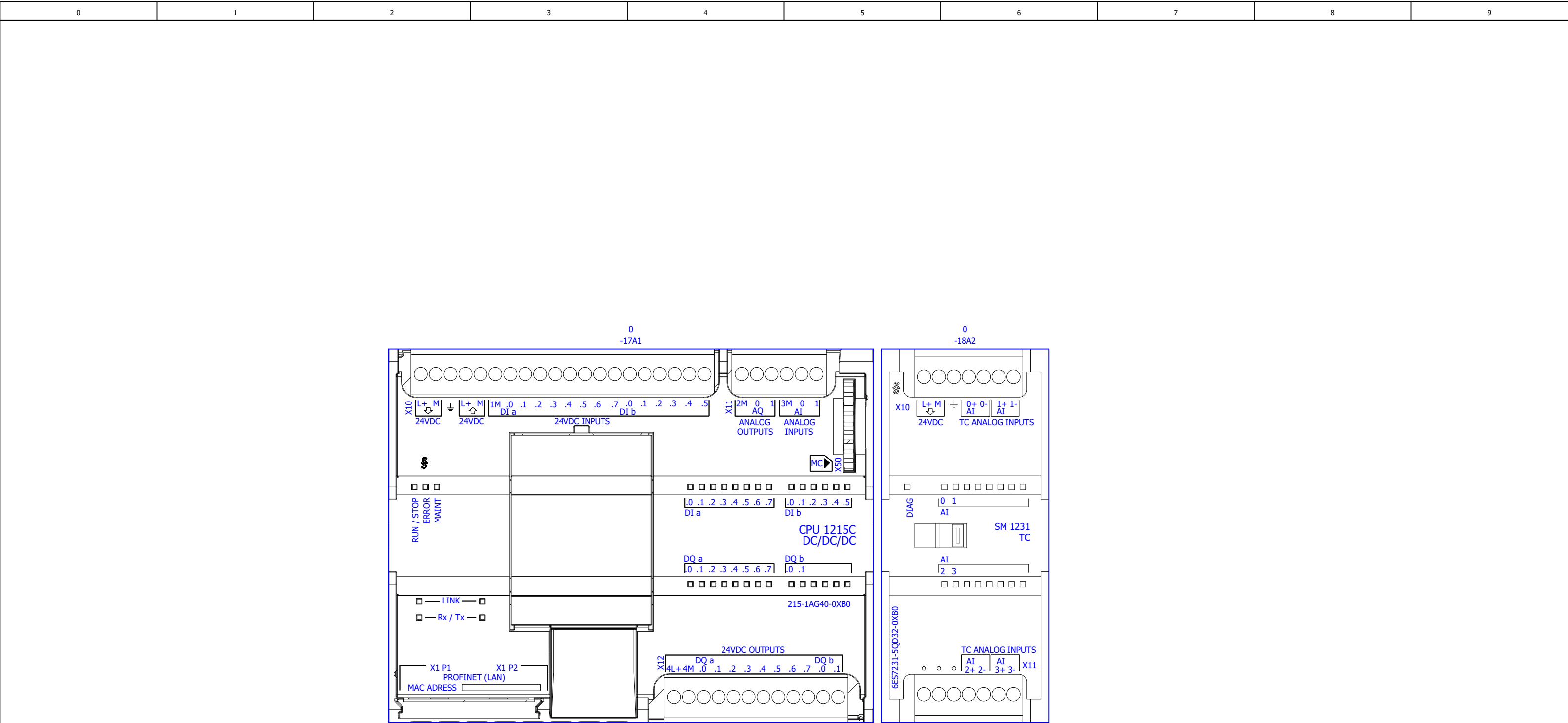
Termočlen

+FIELD

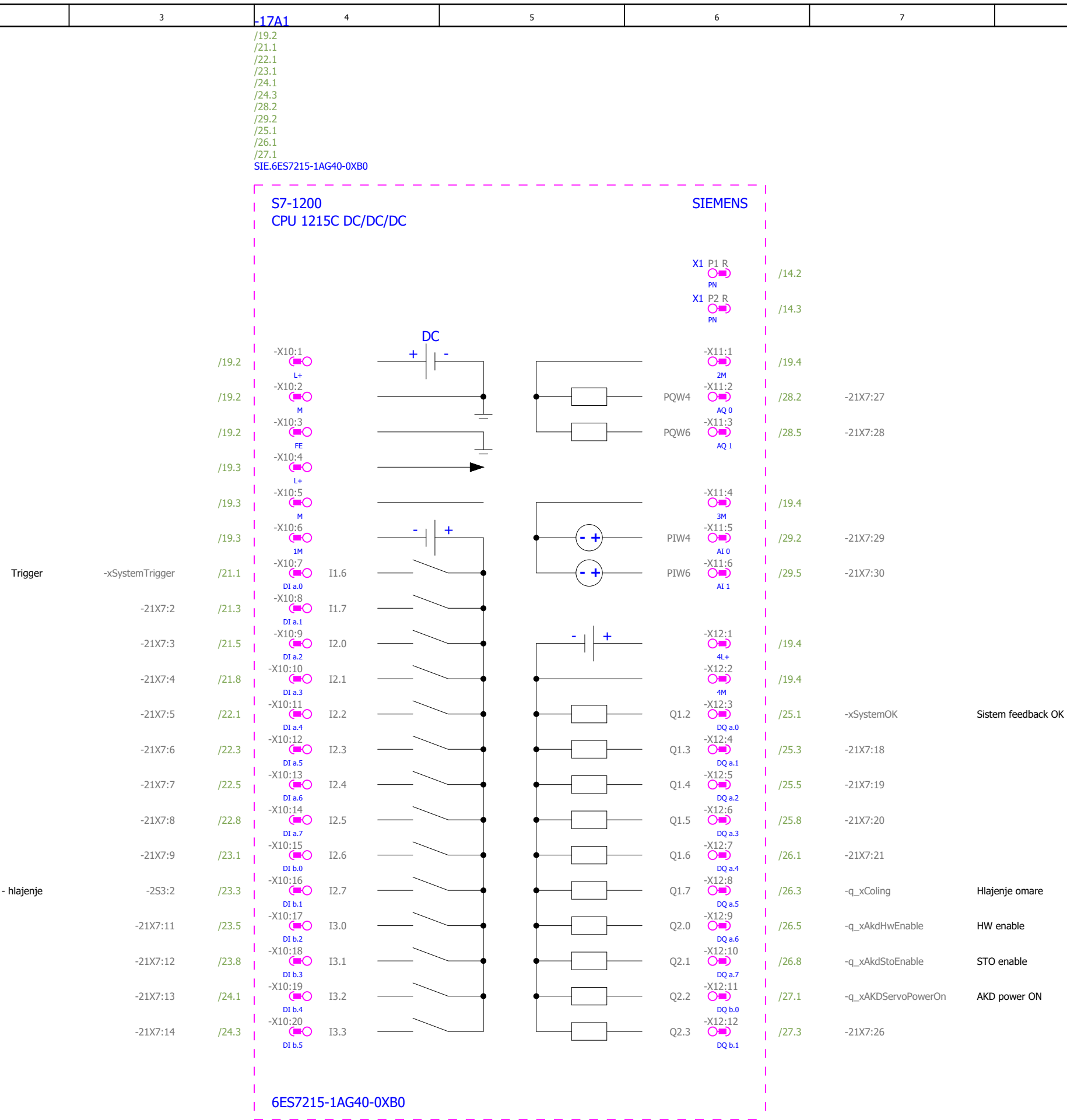


-15K2



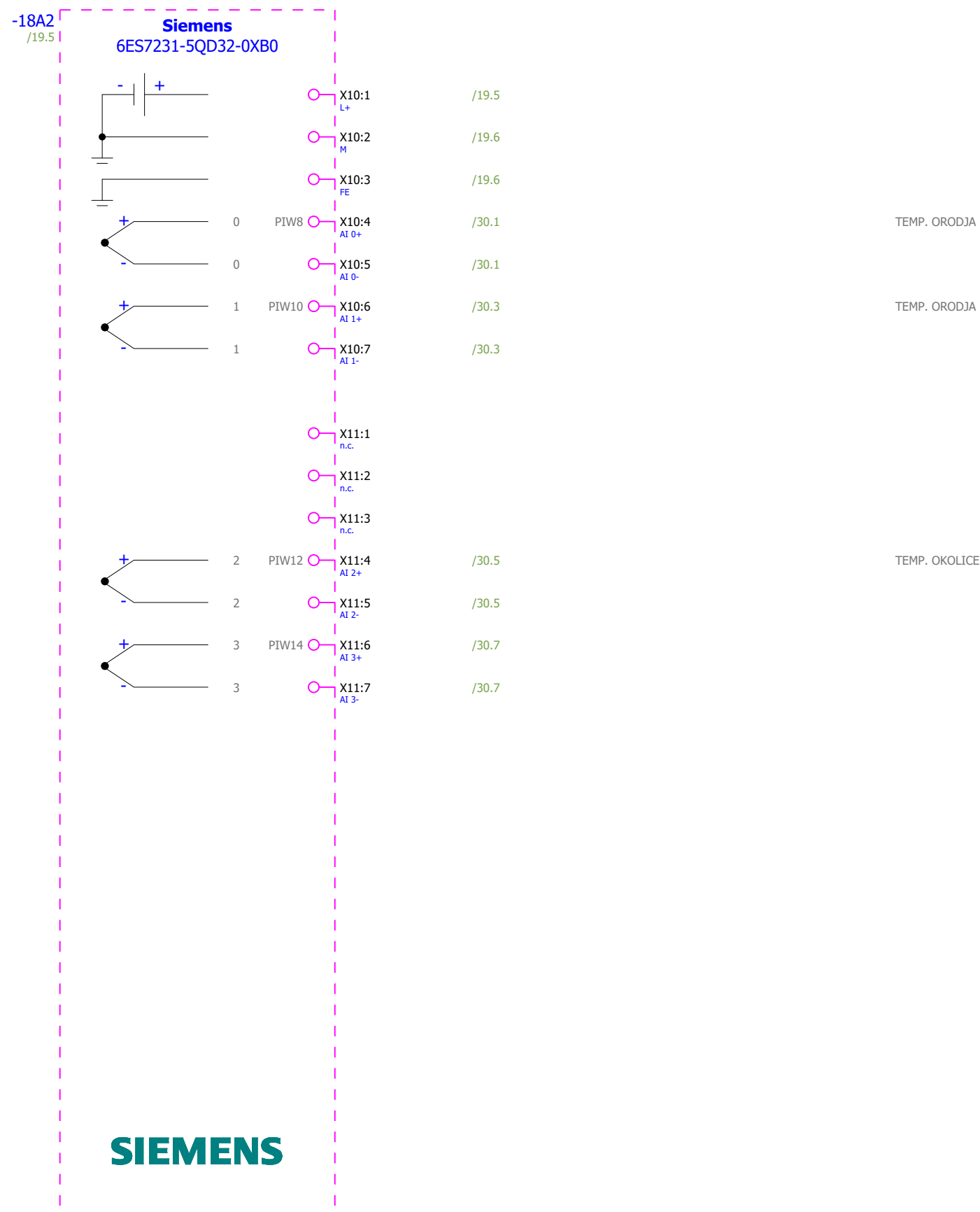


0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---





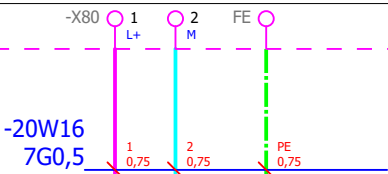
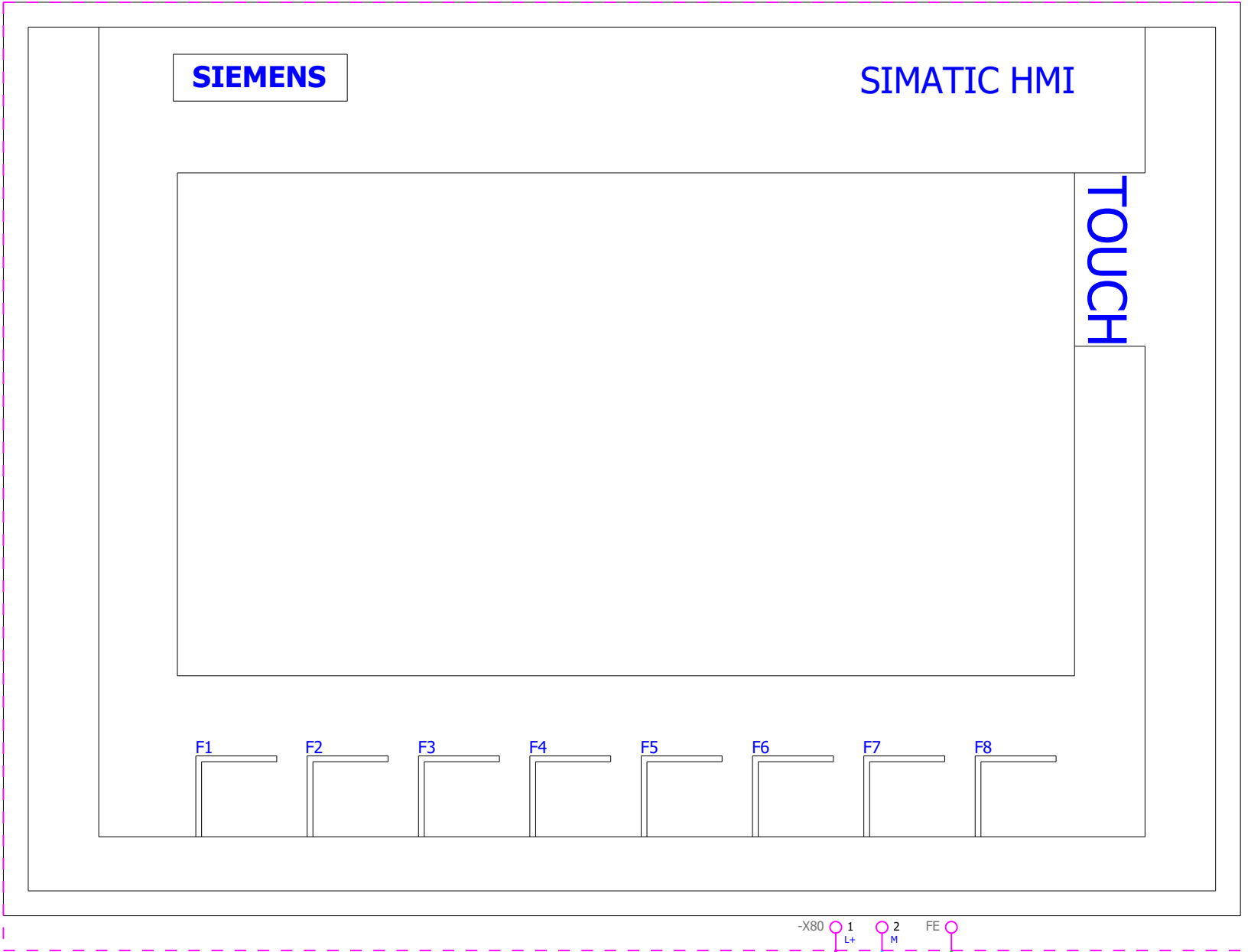
0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



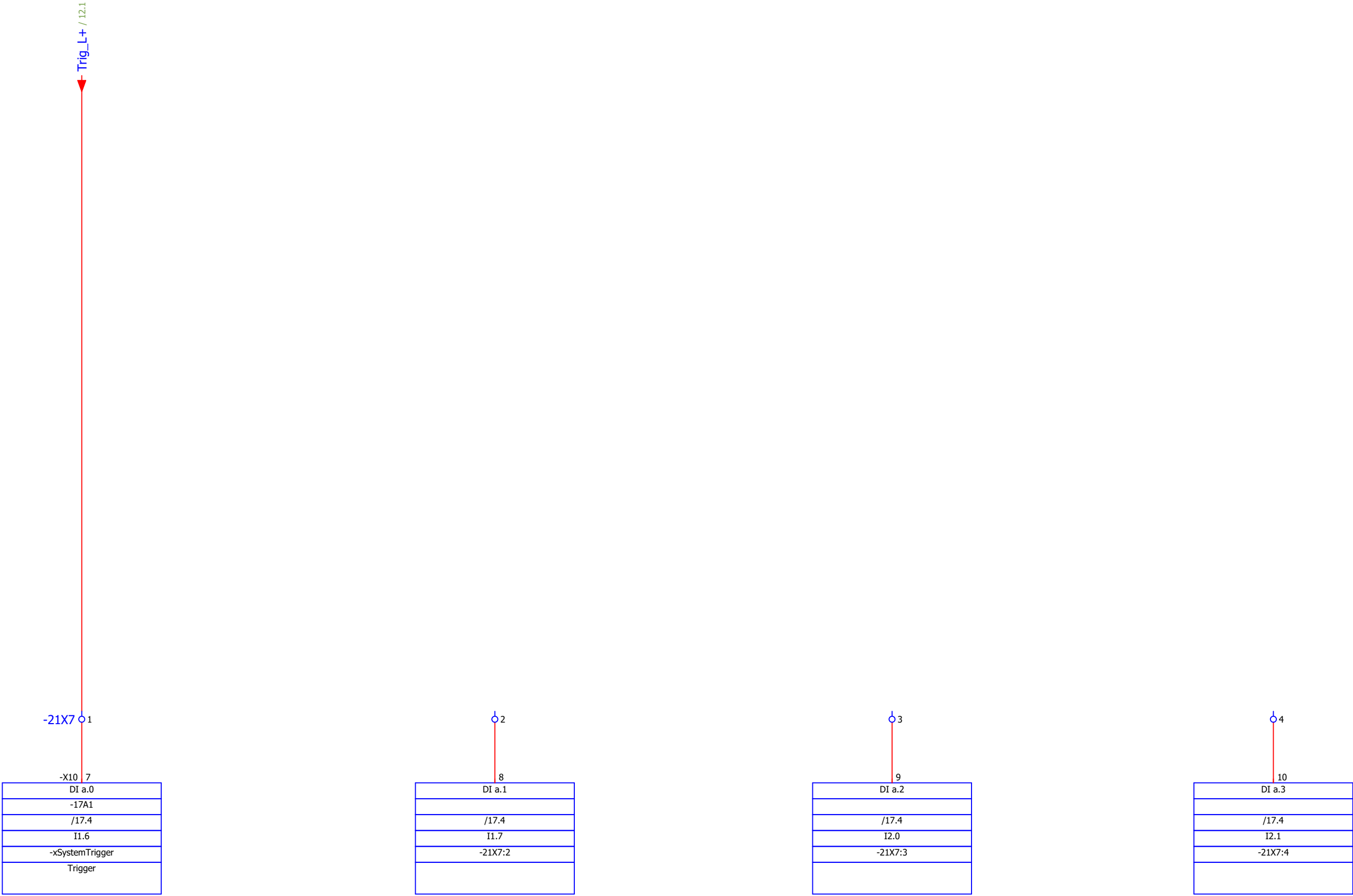


+FIELD

-20A1

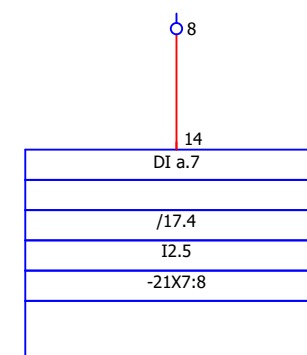
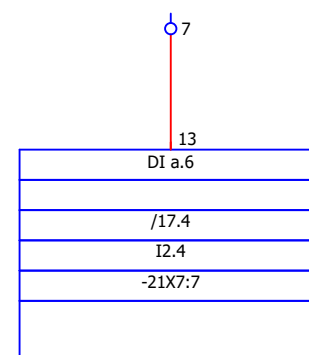
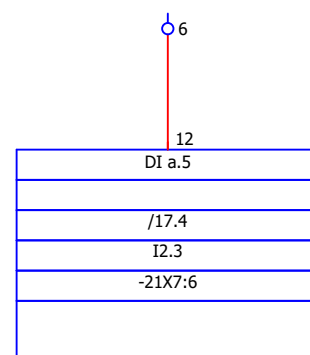
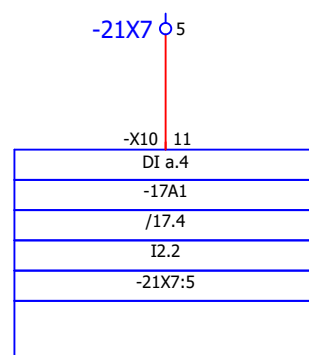


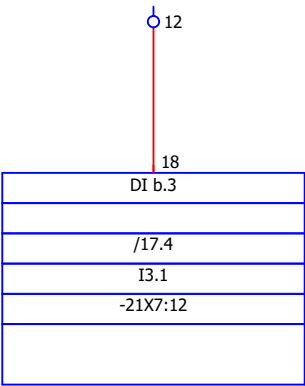
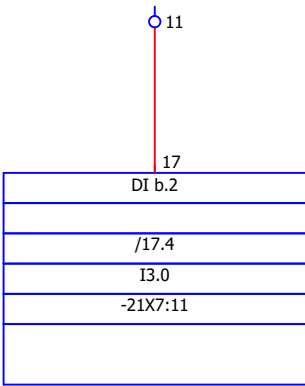
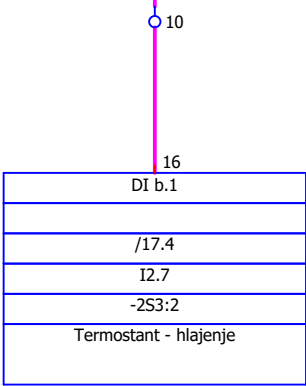
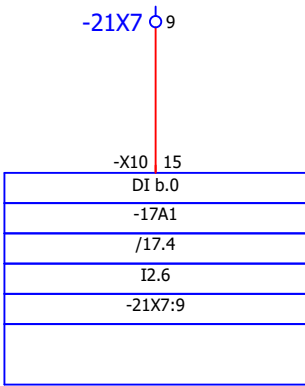
10.8 / HMI\_L+ →  
5.9 / HMI\_M →  
1.3 / HMI\_PE →



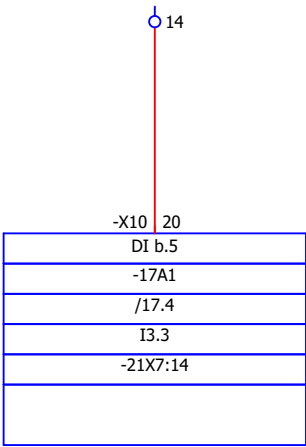
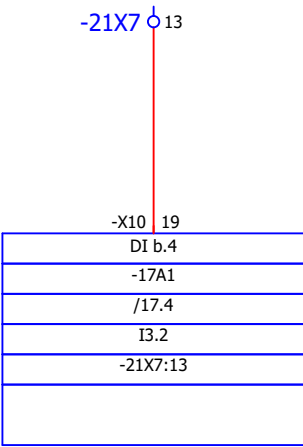
-21X7 = PLC sponke      Trigger

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---





Termostant - hlajenje



15

16

Sistem feedback OK
-q_xSystemFeedback
Q1.2
/17.6
-17A1
DQ a.0
-X12 3

-21X7 17

-21X7:18
Q1.3
/17.6
DQ a.1
4

18

-21X7:19
Q1.4
/17.6
DQ a.2
5

19

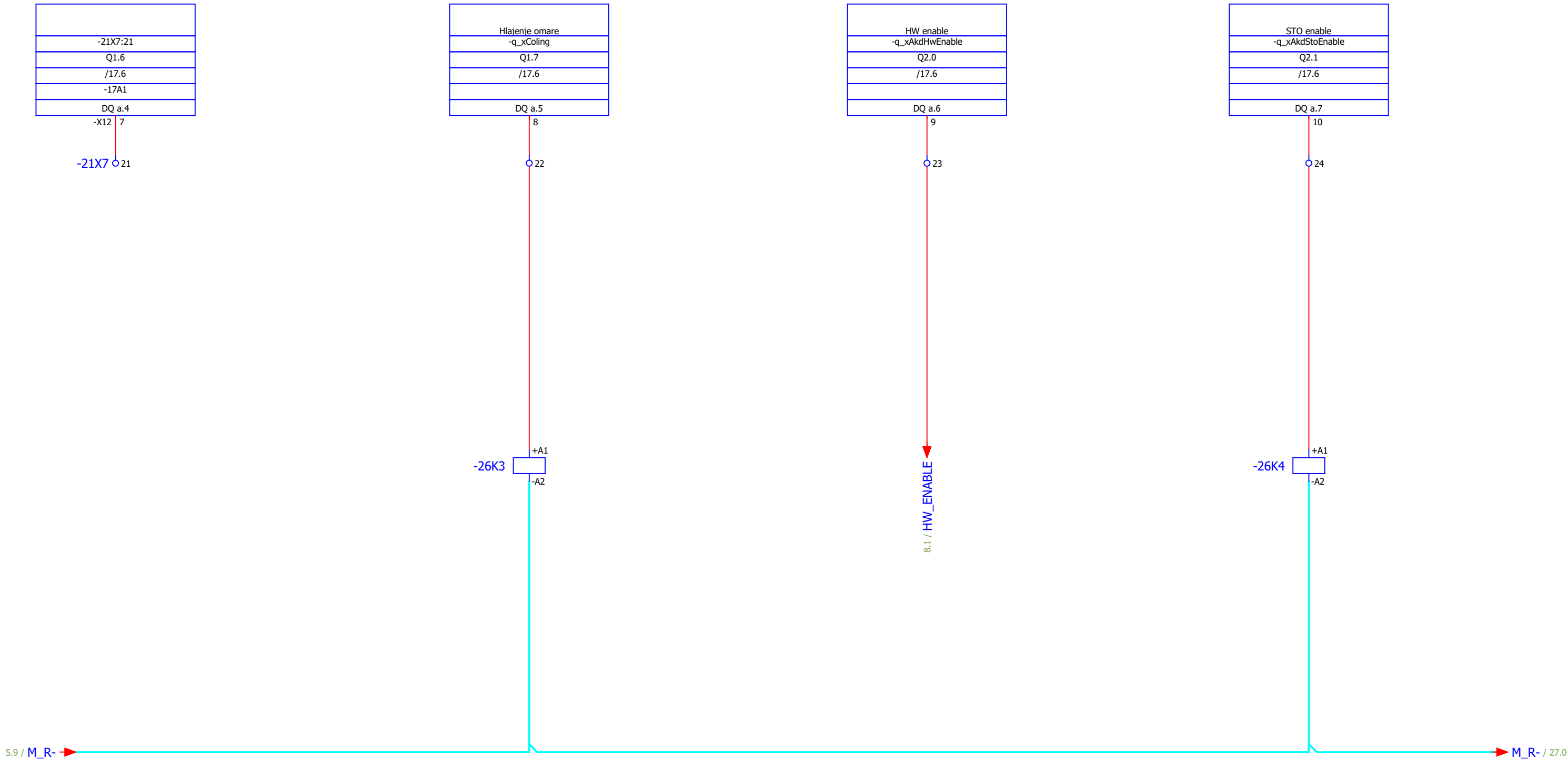
-21X7:20
Q1.5
/17.6
DQ a.3
6

20

12.2 / Feedback\_L+

Sistem feedback OK





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

Hlajenje omare

14 (NO) 11 (COM) /9.2  
12 (NC) 24 (NO) 22 (NC) 21 (COM)

HW enable

STO enable



-21X7

27

-X11 2

AQ 0

-17A1

/17.6

PQW4

-21X7:27

28

3

AQ 1

/17.6

PQW6

-21X7:28

-21X7 29

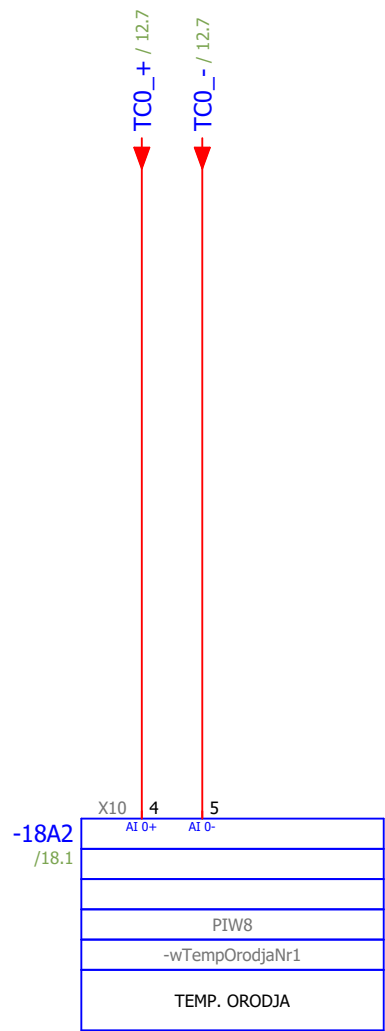
-X11 5

AI 0
-17A1
/17.6
PIW4
-21X7:29

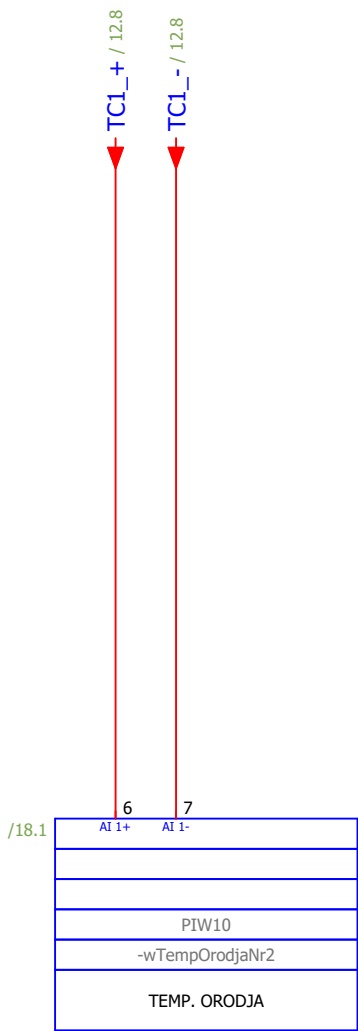
30

6

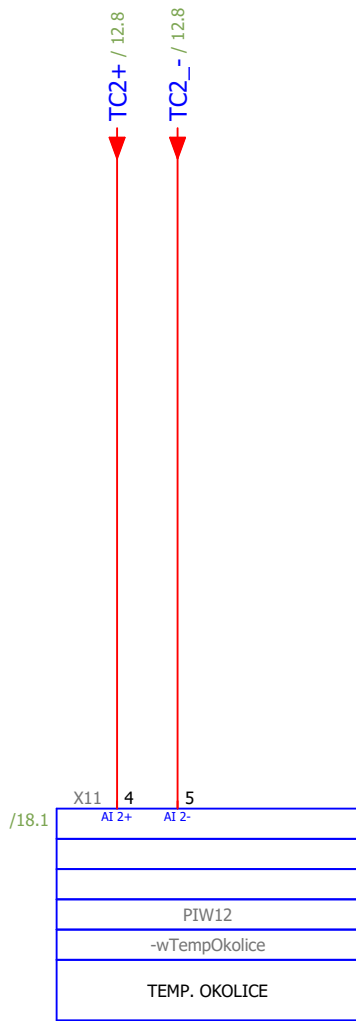
AI 1
/17.6
PIW6
-21X7:30



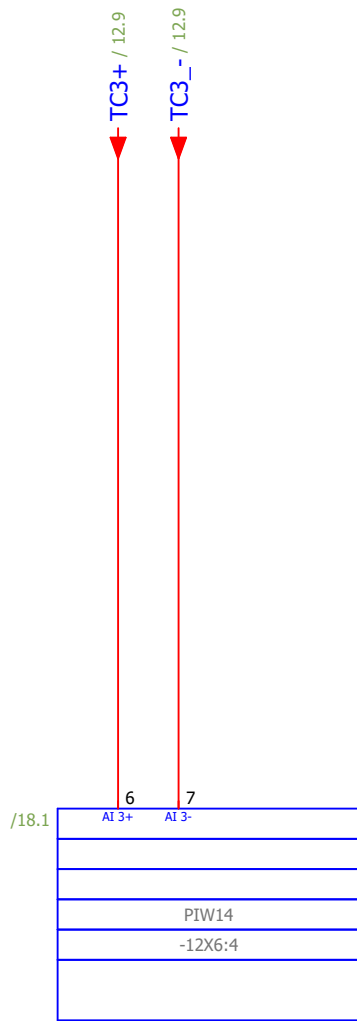
TEMP. ORODJA



TEMP. ORODJA



TEMP. OKOLICE

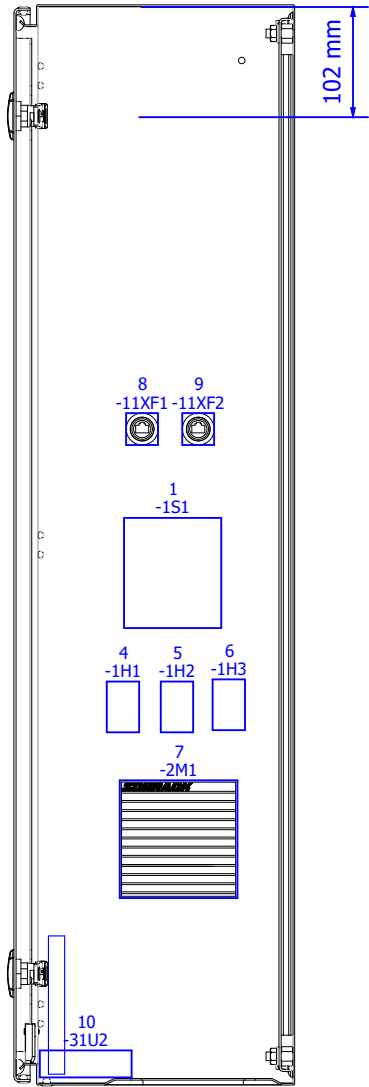
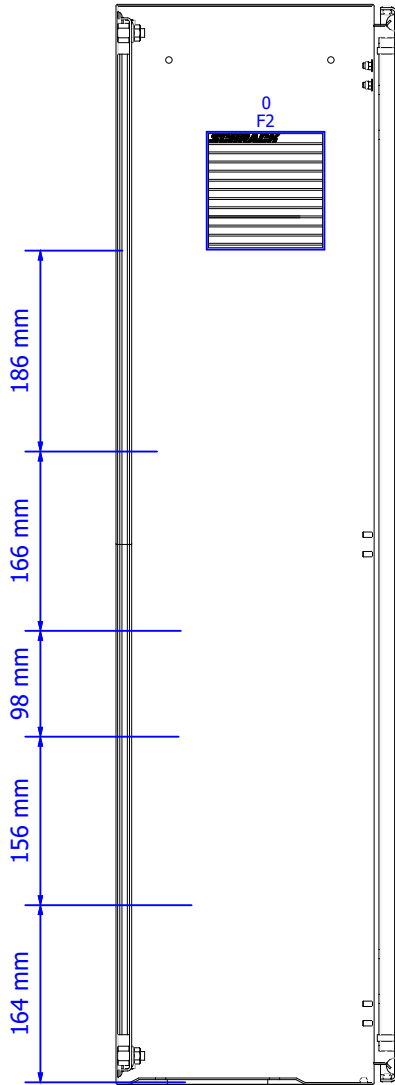
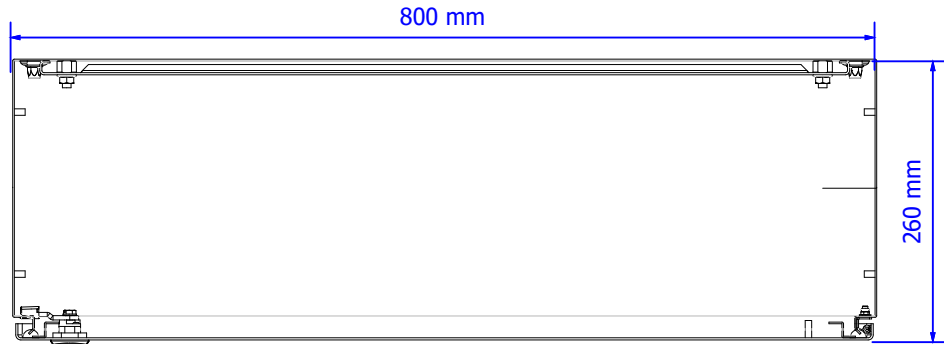
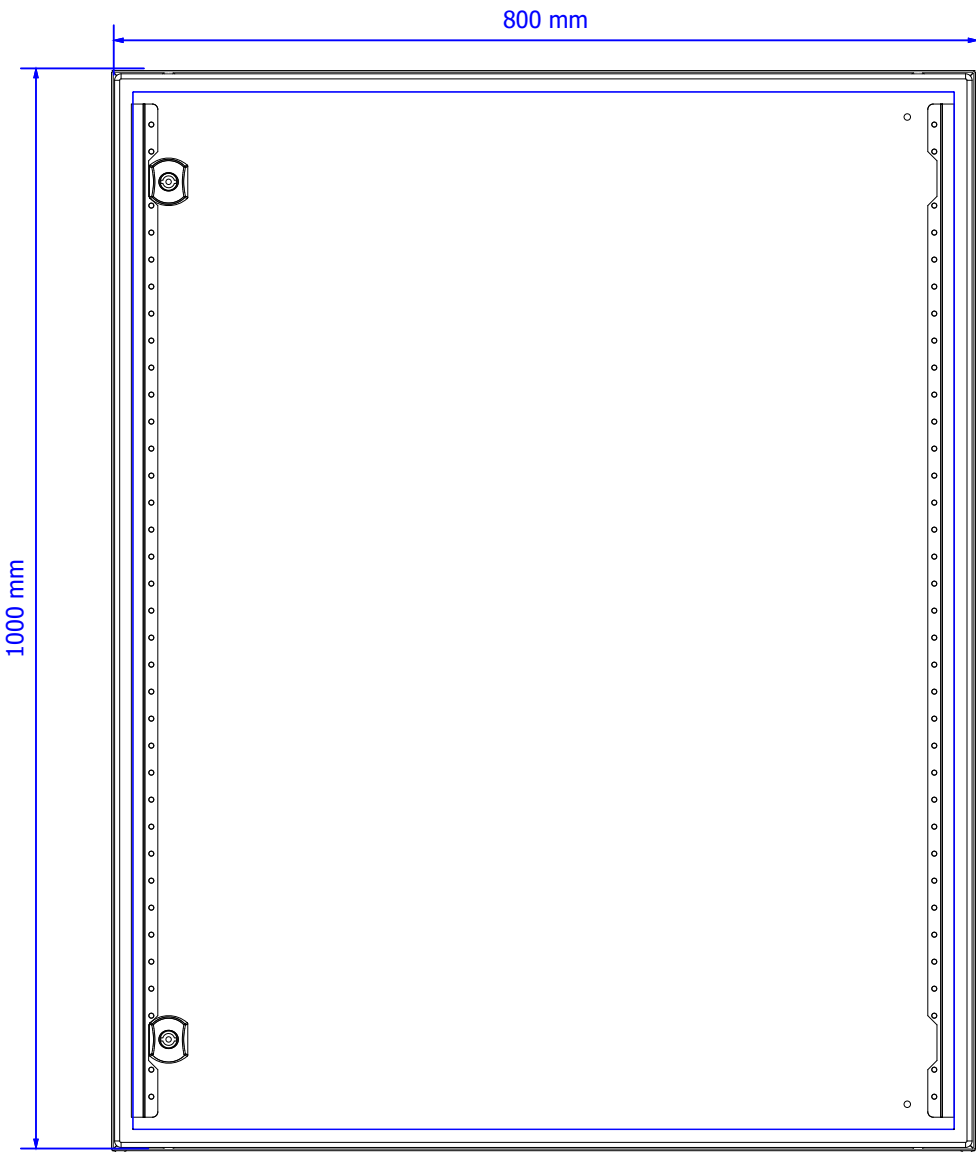
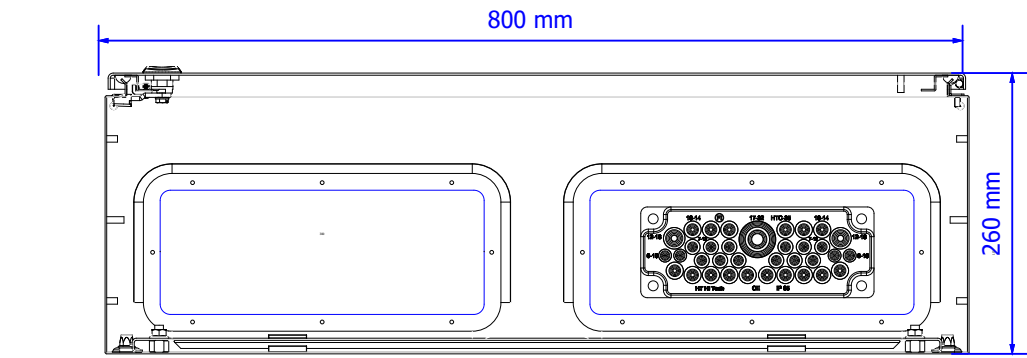




Enclosure legend

=LIN1+OMA1-31M4

Item number	Device tag	Type number
0	F2	
1	1S1	P3-63/EA/SVB-SW/N
4	1H1	XB4BVM4
5	1H2	XB4BVM4
6	1H3	XB4BVM4
7	2M1	IUKNF1523A
8	11XF1	4000-73000-0010000
9	11XF2	4000-73000-0010000
10	31U2	









=+		
Properties		
Trade	Electrical engineering	
References		
Multi-line	=+	=LIN1+OMA1/11.9
	=+	=LIN1+OMA1/11.9

6W1		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	6W1	=LIN1+OMA1/6.1

6W2		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Cable overview	Cable overview	
Multi-line	6W2	=LIN1+OMA1/6.3

# 11W2

## 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

Cable diagram	Cable diagram
Cable overview	Cable overview
Multi-line	11W2 =LIN1+OMA1/11.0

# 11W3

## 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

Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	11W3	=LIN1+OMA1/11.2

# 11W4

## 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

Cable diagram	Cable diagram
Cable overview	Cable overview
Multi-line	11W4 =LIN1+OMA1/11.3

# 11W5

## 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

Cable diagram	Cable diagram
Cable overview	Cable overview
Multi-line	11W5 =LIN1+OMA1/11.4

# 11W6

## 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

Cable diagram	Cable diagram
Cable overview	Cable overview
Multi-line	11W6 =LIN1+OMA1/11.5

# 11W7

## 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

Cable diagram	Cable diagram
Cable overview	Cable overview
Multi-line	11W7 =LIN1+OMA1/11.6



# 11W8

## 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

Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	11W8	=LIN1+OMA1/11.7

# 11W9

## 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

Cable diagram	Cable diagram
Cable overview	Cable overview
Multi-line	11W9 =LIN1+OMA1/11.8

# 12W10

## Properties

Trade	Electrical engineering
-------	------------------------

## Part properties

Parts: Variant:

Part type	Undefined
-----------	-----------

## References

Cable diagram	Cable diagram
Cable overview	Cable overview
Multi-line	12W10 =LIN1+OMA1/12.0

12W11		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	12W11	=LIN1+OMA1/12.1

12W12		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	12W12	=LIN1+OMA1/12.2

13W13		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	13W13	=LIN1+OMA1/13.0

13W14		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	13W14	=LIN1+OMA1/13.1

13W15		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	13W15	=LIN1+OMA1/13.3

20W16
-------

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
------------

Cable diagram	Cable diagram	
Cable overview	Cable overview	
Multi-line	20W16	=LIN1+OMA1/20.5

=LIN1+OMA1-17A1

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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Overview	=LIN1+OMA1-17A1	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1	=LIN1+OMA1/19.2
Single-line	=LIN1+OMA1-17A1	=LIN1+OMA1/14.1
Multi-line	=LIN1+OMA1-17A1:1	=LIN1+OMA1/19.2
Overview	=LIN1+OMA1-17A1:1	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:2	=LIN1+OMA1/19.2
Overview	=LIN1+OMA1-17A1:2	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:3	=LIN1+OMA1/19.2
Overview	=LIN1+OMA1-17A1:3	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:4	=LIN1+OMA1/19.3
Overview	=LIN1+OMA1-17A1:4	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:5	=LIN1+OMA1/19.3
Overview	=LIN1+OMA1-17A1:5	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:6	=LIN1+OMA1/19.3
Overview	=LIN1+OMA1-17A1:6	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:7	=LIN1+OMA1/21.1
Overview	=LIN1+OMA1-17A1:7	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:8	=LIN1+OMA1/21.3
Overview	=LIN1+OMA1-17A1:8	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:9	=LIN1+OMA1/21.5
Overview	=LIN1+OMA1-17A1:9	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:10	=LIN1+OMA1/21.8

## =LIN1+OMA1-17A1

Overview	=LIN1+OMA1-17A1:10	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:11	=LIN1+OMA1/22.1
Overview	=LIN1+OMA1-17A1:11	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:12	=LIN1+OMA1/22.3
Overview	=LIN1+OMA1-17A1:12	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:13	=LIN1+OMA1/22.5
Overview	=LIN1+OMA1-17A1:13	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:14	=LIN1+OMA1/22.8
Overview	=LIN1+OMA1-17A1:14	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:15	=LIN1+OMA1/23.1
Overview	=LIN1+OMA1-17A1:15	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:16	=LIN1+OMA1/23.3
Overview	=LIN1+OMA1-17A1:16	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:17	=LIN1+OMA1/23.5
Overview	=LIN1+OMA1-17A1:17	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:18	=LIN1+OMA1/23.8
Overview	=LIN1+OMA1-17A1:18	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:19	=LIN1+OMA1/24.1
Overview	=LIN1+OMA1-17A1:19	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:20	=LIN1+OMA1/24.3
Overview	=LIN1+OMA1-17A1:20	=LIN1+OMA1/17.4
Multi-line	=LIN1+OMA1-17A1:1	=LIN1+OMA1/19.4
Overview	=LIN1+OMA1-17A1:1	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:2	=LIN1+OMA1/28.2
Overview	=LIN1+OMA1-17A1:2	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:3	=LIN1+OMA1/28.5
Overview	=LIN1+OMA1-17A1:3	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:4	=LIN1+OMA1/19.4
Overview	=LIN1+OMA1-17A1:4	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:5	=LIN1+OMA1/29.2
Overview	=LIN1+OMA1-17A1:5	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:6	=LIN1+OMA1/29.5
Overview	=LIN1+OMA1-17A1:6	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:1	=LIN1+OMA1/19.4
Overview	=LIN1+OMA1-17A1:1	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:2	=LIN1+OMA1/19.4
Overview	=LIN1+OMA1-17A1:2	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:3	=LIN1+OMA1/25.1
Overview	=LIN1+OMA1-17A1:3	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:4	=LIN1+OMA1/25.3
Overview	=LIN1+OMA1-17A1:4	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:5	=LIN1+OMA1/25.5
Overview	=LIN1+OMA1-17A1:5	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:6	=LIN1+OMA1/25.8
Overview	=LIN1+OMA1-17A1:6	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:7	=LIN1+OMA1/26.1
Overview	=LIN1+OMA1-17A1:7	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:8	=LIN1+OMA1/26.3

=LIN1+OMA1-17A1

Overview	=LIN1+OMA1-17A1:8	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:9	=LIN1+OMA1/26.5
Overview	=LIN1+OMA1-17A1:9	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:10	=LIN1+OMA1/26.8
Overview	=LIN1+OMA1-17A1:10	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:11	=LIN1+OMA1/27.1
Overview	=LIN1+OMA1-17A1:11	=LIN1+OMA1/17.6
Multi-line	=LIN1+OMA1-17A1:12	=LIN1+OMA1/27.3
Overview	=LIN1+OMA1-17A1:12	=LIN1+OMA1/17.6
	=LIN1+OMA1-17A1	=LIN1+OMA1/17.6
Single-line	=LIN1+OMA1-17A1	=LIN1+OMA1/14.2
Overview	=LIN1+OMA1-17A1	=LIN1+OMA1/17.6
Single-line	=LIN1+OMA1-17A1	=LIN1+OMA1/14.3
Panel layout	=LIN1+OMA1-17A1	=LIN1+OMA1/16.2
	=LIN1+OMA1-17A1	=LIN1+OMA1/33.0



=LIN1+OMA1-18A2

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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Overview	=LIN1+OMA1-18A2	=LIN1+OMA1/18.0
Multi-line	=LIN1+OMA1-18A2	=LIN1+OMA1/19.5
	=LIN1+OMA1-18A2:1	=LIN1+OMA1/19.5
Overview	=LIN1+OMA1-18A2:1	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:2	=LIN1+OMA1/19.6
Overview	=LIN1+OMA1-18A2:2	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:3	=LIN1+OMA1/19.6
Overview	=LIN1+OMA1-18A2:3	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:4	=LIN1+OMA1/30.1
Overview	=LIN1+OMA1-18A2:4	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:5	=LIN1+OMA1/30.1
Overview	=LIN1+OMA1-18A2:5	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:6	=LIN1+OMA1/30.3
Overview	=LIN1+OMA1-18A2:6	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:7	=LIN1+OMA1/30.3
Overview	=LIN1+OMA1-18A2:7	=LIN1+OMA1/18.1
	=LIN1+OMA1-18A2:1	=LIN1+OMA1/18.1
	=LIN1+OMA1-18A2:2	=LIN1+OMA1/18.1
	=LIN1+OMA1-18A2:3	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:4	=LIN1+OMA1/30.5
Overview	=LIN1+OMA1-18A2:4	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:5	=LIN1+OMA1/30.5
Overview	=LIN1+OMA1-18A2:5	=LIN1+OMA1/18.1
Multi-line	=LIN1+OMA1-18A2:6	=LIN1+OMA1/30.7
Overview	=LIN1+OMA1-18A2:6	=LIN1+OMA1/18.1

=LIN1+OMA1-18A2

Multi-line	=LIN1+OMA1-18A2:7	=LIN1+OMA1/30.7
Overview	=LIN1+OMA1-18A2:7	=LIN1+OMA1/18.1
Panel layout	=LIN1+OMA1-18A2	=LIN1+OMA1/16.5
	=LIN1+OMA1-18A2	=LIN1+OMA1/33.1

=LIN1+OMA1-F2

Properties		
Trade	Electrical engineering	
Part properties		
Parts: IUKNE150 Variant: 1		
Part type	Undefined	
References		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Panel layout	=LIN1+OMA1-F2	=LIN1+OMA1/32.6

=LIN1+OMA1-1F1

Properties	
Trade	Electrical engineering
Technical characteristics	C10

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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-1F1:2;1;4;3;6;5	=LIN1+OMA1/1.1
Panel layout	=LIN1+OMA1-1F1	=LIN1+OMA1/33.0

=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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-1F2:2;1;4;3;6;5	=LIN1+OMA1/1.3
Panel layout	=LIN1+OMA1-1F2	=LIN1+OMA1/33.1

=LIN1+OMA1-6F1

Properties		
Trade	Electrical engineering	
Part properties		
Parts: SCHR.BM017106-- Variant: 1		
Part type	Component	
Order number	BM017106--	
Designation 1	Inštalacijski odklopnik, karak. C, 6A, 1-polni, 10kA	
Description	Inštalacijski odklopnik, karak. C, 6A, 1-polni, 10kA serija BM S0, standard za izdelek EN 60898,EN 60947-2	
Manufacturer	Schrack	
Height	80,00 mm	
Width	17,70 mm	
Depth	74,90 mm	
Weight	0,12 kg	
References		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-6F1:1;2	=LIN1+OMA1/6.6
Panel layout	=LIN1+OMA1-6F1	=LIN1+OMA1/33.2

=LIN1+OMA1-6F2

Properties		
Trade	Electrical engineering	
Part properties		
Parts: SCHR.BM017106-- Variant: 1		
Part type	Component	
Order number	BM017106--	
Designation 1	Inštalacijski odklopnik, karak. C, 6A, 1-polni, 10kA	
Description	Inštalacijski odklopnik, karak. C, 6A, 1-polni, 10kA serija BM S0, standard za izdelek EN 60898,EN 60947-2	
Manufacturer	Schrack	
Height	80,00 mm	
Width	17,70 mm	
Depth	74,90 mm	
Weight	0,12 kg	
References		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-6F2:1;2	=LIN1+OMA1/6.7
Panel layout	=LIN1+OMA1-6F2	=LIN1+OMA1/33.2

# =LIN1+OMA1-10FC1

## 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

Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-10FC1	=LIN1+OMA1/10.1
	=LIN1+OMA1-10FC1:14	=LIN1+OMA1/10.3
	=LIN1+OMA1-10FC1:ON	=LIN1+OMA1/10.2
	=LIN1+OMA1-10FC1:OUT1	=LIN1+OMA1/10.2
	=LIN1+OMA1-10FC1:OUT2	=LIN1+OMA1/10.3
	=LIN1+OMA1-10FC1:OUT3	=LIN1+OMA1/10.3
	=LIN1+OMA1-10FC1:OUT4	=LIN1+OMA1/10.4
	=LIN1+OMA1-10FC1:OUT5	=LIN1+OMA1/10.4
	=LIN1+OMA1-10FC1:OUT6	=LIN1+OMA1/10.5
	=LIN1+OMA1-10FC1:OUT7	=LIN1+OMA1/10.5
	=LIN1+OMA1-10FC1:OUT8	=LIN1+OMA1/10.6
	=LIN1+OMA1-10FC1:+24V	=LIN1+OMA1/10.2
	=LIN1+OMA1-10FC1:GND	=LIN1+OMA1/10.2
Panel layout	=LIN1+OMA1-10FC1	=LIN1+OMA1/33.3

=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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-1H1:X1;X2	=LIN1+OMA1/1.2
Panel layout	=LIN1+OMA1-1H1	=LIN1+OMA1/32.7

=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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-1H2:X1;X2	=LIN1+OMA1/1.2
Panel layout	=LIN1+OMA1-1H2	=LIN1+OMA1/32.7

=LIN1+OMA1-1H3
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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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-1H3:X1;X2	=LIN1+OMA1/1.3
Panel layout	=LIN1+OMA1-1H3	=LIN1+OMA1/32.7



=LIN1+OMA1-1K1		
Properties		
Trade	Electrical engineering	
Technical characteristics	230VAC	
Part properties		
Parts: SE.LC1D18BD Variant: 1		
Part type	Component	
Order number	LC1D18BD	
Designation 1	Contactor TeSys LC1-D - 3P - AC-3 440V 18 A, Coil 24 V DC	
Designation 2	Coil 24 V DC	
Description	Contactor 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	
Parts: SE.LC1D38P7 Variant: 1		
Part type	Component	
Order number	LC1D38P7	
Designation 1	Contactor TeSys LC1-D - 3P - AC-3 440V 38 A, Coil 230 V AC	
Designation 2	Coil 230 V AC	
Description	Contactor TeSys LC1-D - 3P - AC-3 440V 38 A, Coil 230 V AC	
Manufacturer	Schneider Electric	
Supplier	Schneider Electric	
Height	85,00 mm	
Width	45,00 mm	
Depth	90,00 mm	
Weight	0,38 kg	
References		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
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
Panel layout	=LIN1+OMA1-1K1	=LIN1+OMA1/33.2

=LIN1+OMA1-15K2

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		
Parts list	Parts list	
Multi-line	=LIN1+OMA1-15K2	=LIN1+OMA1/15.2
Single-line	=LIN1+OMA1-15K2	=LIN1+OMA1/14.7
Multi-line	=LIN1+OMA1-15K2:1	=LIN1+OMA1/15.5
	=LIN1+OMA1-15K2:2	=LIN1+OMA1/15.6
	=LIN1+OMA1-15K2	=LIN1+OMA1/15.6
Single-line	=LIN1+OMA1-15K2	=LIN1+OMA1/14.7

=LIN1+OMA1-26K3

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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-26K3:+A1;-A2	=LIN1+OMA1/26.3
	=LIN1+OMA1-26K3:12 (NC);11 (COM);14 (NO)	=LIN1+OMA1/2.1
Panel layout	=LIN1+OMA1-26K3	=LIN1+OMA1/33.2

=LIN1+OMA1-26K4

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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-26K4:+A1;-A2	=LIN1+OMA1/26.8
	=LIN1+OMA1-26K4:12 (NC);11 (COM);14 (NO)	=LIN1+OMA1/9.2
Panel layout	=LIN1+OMA1-26K4	=LIN1+OMA1/33.3

=LIN1+OMA1-27K5

Properties	
Trade	Electrical engineering
Function text (automatic)	AKD power ON
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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-27K5:A1;A2	=LIN1+OMA1/27.1
	=LIN1+OMA1-27K5:1/L1;2/T1	=LIN1+OMA1/6.1
Panel layout	=LIN1+OMA1-27K5	=LIN1+OMA1/33.2

# =LIN1+OMA1-11KF1

## 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

Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-11KF1	=LIN1+OMA1/11.0
	=LIN1+OMA1-11KF1:F.G.	=LIN1+OMA1/11.1
	=LIN1+OMA1-11KF1:V+	=LIN1+OMA1/11.1
	=LIN1+OMA1-11KF1:V-	=LIN1+OMA1/11.1
	=LIN1+OMA1-11KF1:V+	=LIN1+OMA1/11.0
	=LIN1+OMA1-11KF1:V-	=LIN1+OMA1/11.0
Single-line	=LIN1+OMA1-11KF1:1	=LIN1+OMA1/11.1
	=LIN1+OMA1-11KF1:1	=LIN1+OMA1/11.2
	=LIN1+OMA1-11KF1:1	=LIN1+OMA1/11.3
	=LIN1+OMA1-11KF1:1	=LIN1+OMA1/11.4
	=LIN1+OMA1-11KF1:1	=LIN1+OMA1/11.5
	=LIN1+OMA1-11KF1:1	=LIN1+OMA1/11.6
	=LIN1+OMA1-11KF1:1	=LIN1+OMA1/11.7
	=LIN1+OMA1-11KF1:1	=LIN1+OMA1/11.9
Panel layout	=LIN1+OMA1-11KF1	=LIN1+OMA1/33.4

=LIN1+OMA1-2M1

Properties		
Trade	Electrical engineering	
Function text (automatic)	Hlajenje ele. omare	
Part properties		
Parts: SCHR.IUKNF1523A Variant: 1		
Part type	Component	
Order number	IUKNF1523A	
Designation 1	Ventilator s filtrom 230V, 11W, 109x109x62mm, IP54, 16m3/h	
Description	Ventilator s filtrom 230V, 11W, 109x109x62mm, IP54, 16m3/h	
Manufacturer	Schrack	
Supplier	Schrack	
Height	109,00 mm	
Width	109,00 mm	
Depth	62,00 mm	
Weight	0,55 kg	
References		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-2M1	=LIN1+OMA1/2.1
Panel layout	=LIN1+OMA1-2M1	=LIN1+OMA1/32.7

=LIN1+OMA1-6M2

Properties		
Trade	Electrical engineering	
Function text (automatic)	AKTUATOR	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Parts list	Parts list	
Multi-line	=LIN1+OMA1-6M2:U1;V1;W1;PE	=LIN1+OMA1/6.1
	=LIN1+OMA1-6M2:FEEDBACK	=LIN1+OMA1/6.3

=LIN1+OMA1-6M3		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Parts list	Parts list	
Multi-line	=LIN1+OMA1-6M3:x1;x2	=LIN1+OMA1/6.2

=LIN1+OMA1-31M4		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Panel layout	=LIN1+OMA1-31M4	=LIN1+OMA1/32

=LIN1+OMA1-32M5		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Panel layout	=LIN1+OMA1-32M5	=LIN1+OMA1/33.0



=LIN1+OMA1-N

Properties	
Trade	Electrical engineering
Function text (automatic)	N BusBar

Part properties	
Parts: Variant:	
Part type	Undefined
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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Multi-line	=LIN1+OMA1-N	=LIN1+OMA1/1.1
	=LIN1+OMA1-N:1	=LIN1+OMA1/1.1
	=LIN1+OMA1-N:2	=LIN1+OMA1/1.2
	=LIN1+OMA1-N:3	=LIN1+OMA1/1.4
	=LIN1+OMA1-N:4	=LIN1+OMA1/1.7
	=LIN1+OMA1-N:5	=LIN1+OMA1/2.2
	=LIN1+OMA1-N:6	=LIN1+OMA1/6.1
	=LIN1+OMA1-N:7	=LIN1+OMA1/6.6
	=LIN1+OMA1-N:8	=LIN1+OMA1/6.7

=LIN1+OMA1-PE

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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Multi-line	=LIN1+OMA1-PE	=LIN1+OMA1/1.2
	=LIN1+OMA1-PE:1	=LIN1+OMA1/1.1
	=LIN1+OMA1-PE:1	=LIN1+OMA1/6.6
	=LIN1+OMA1-PE:1	=LIN1+OMA1/6.8
	=LIN1+OMA1-PE:2	=LIN1+OMA1/1.2
	=LIN1+OMA1-PE:3	=LIN1+OMA1/1.3
	=LIN1+OMA1-PE:4	=LIN1+OMA1/1.3
	=LIN1+OMA1-PE:5	=LIN1+OMA1/1.4
	=LIN1+OMA1-PE:6	=LIN1+OMA1/2.2
	=LIN1+OMA1-PE:7	=LIN1+OMA1/3.1
	=LIN1+OMA1-PE:8	=LIN1+OMA1/6.2
	=LIN1+OMA1-PE:9	=LIN1+OMA1/11.1

=LIN1+OMA1-2Q1

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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-2Q1:2;1;4;3;6;5	=LIN1+OMA1/2.1
Panel layout	=LIN1+OMA1-2Q1	=LIN1+OMA1/33.1

=LIN1+OMA1-4Q3

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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-4Q3:2;1;4;3;6;5	=LIN1+OMA1/3.1
Panel layout	=LIN1+OMA1-4Q3	=LIN1+OMA1/33.1

=LIN1+OMA1-6Q2

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.BE510000-- Variant: 1	
Part type	Component
Order number	BE510000--
Designation 1	Motorsko zaščitno stikalo BE5 6,30-10,0A / 3P
Description	Motorsko zaščitno stikalo BE5 6,30-10,0A / 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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-6Q2:2;1;4;3;6;5	=LIN1+OMA1/6.1
Panel layout	=LIN1+OMA1-6Q2	=LIN1+OMA1/33.2

=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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
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+OMA1-1S1	=LIN1+OMA1/32.7
Panel layout	=LIN1+OMA1-1S1	=LIN1+OMA1/32.7

=LIN1+OMA1-2S3

Properties	
Trade	Electrical engineering
Function text (automatic)	Termostat 0-60
Technical characteristics	tERMOSTAT

Part properties	
Parts: SCHR.IUK08566-- Variant: 1	
Part type	Component
Order number	IUK08566--
Designation 1	Termostat za ventilator, 0 – 60° C, 1 delovni kontakt
Description	Termostat za ventilator, 0 – 60° C, 1 delovni kontakt
Manufacturer	Schrack
Supplier	Schrack
Height	64,00 mm
Width	46,00 mm
Depth	37,00 mm
Weight	0,05 kg

References		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-2S3:1;2	=LIN1+OMA1/2.6
Panel layout	=LIN1+OMA1-2S3	=LIN1+OMA1/33.2

=LIN1+OMA1-3TB1

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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-3TB1	=LIN1+OMA1/3.0
	=LIN1+OMA1-3TB1:13	=LIN1+OMA1/3.2
	=LIN1+OMA1-3TB1:14	=LIN1+OMA1/3.2
	=LIN1+OMA1-3TB1:+	=LIN1+OMA1/3.1
	=LIN1+OMA1-3TB1:+	=LIN1+OMA1/3.1
	=LIN1+OMA1-3TB1:-	=LIN1+OMA1/3.1
	=LIN1+OMA1-3TB1:-	=LIN1+OMA1/3.1
	=LIN1+OMA1-3TB1:L1(+)	=LIN1+OMA1/3.1
	=LIN1+OMA1-3TB1:L2(-)	=LIN1+OMA1/3.1
	=LIN1+OMA1-3TB1:L3	=LIN1+OMA1/3.1
	=LIN1+OMA1-3TB1:PE	=LIN1+OMA1/3.1
	=LIN1+OMA1-3TB1	=LIN1+OMA1/33.3
Panel layout	=LIN1+OMA1-3TB1	=LIN1+OMA1/33.3



=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		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-1U1	=LIN1+OMA1/1.3
	=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
Panel layout	=LIN1+OMA1-1U1	=LIN1+OMA1/33.3

=LIN1+OMA1-6U2

Properties	
Trade	Electrical engineering
Function text (automatic)	Servo drive 6A
Technical characteristics	AKD
Engraving text	Servo drive

Part properties	
Parts: Variant:	
Part type	Undefined
Parts: AKD-6A Variant: 1	
Part type	Component
Order number	AKD-6A
Designation 1	AKD-6A
Height	0,00 mm
Width	0,00 mm
Depth	0,00 mm
Weight	0,00 kg

References		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-6U2	=LIN1+OMA1/6.0
	=LIN1+OMA1-6U2	=LIN1+OMA1/7.0
	=LIN1+OMA1-6U2	=LIN1+OMA1/8.0
	=LIN1+OMA1-6U2	=LIN1+OMA1/9.1
	=LIN1+OMA1-6U2	=LIN1+OMA1/33.3
Panel layout	=LIN1+OMA1-6U2	=LIN1+OMA1/33.3

=LIN1+OMA1-6U2-X1

Properties	
Trade	Electrical engineering

References		
Multi-line	=LIN1+OMA1-6U2-X1:1	=LIN1+OMA1/9.1
	=LIN1+OMA1-6U2-X1:2	=LIN1+OMA1/9.1
	=LIN1+OMA1-6U2-X1:3	=LIN1+OMA1/9.2

=LIN1+OMA1-6U2-X2

Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-6U2-X2:1	=LIN1+OMA1/6.2
	=LIN1+OMA1-6U2-X2:2	=LIN1+OMA1/6.3
	=LIN1+OMA1-6U2-X2:3	=LIN1+OMA1/6.2
	=LIN1+OMA1-6U2-X2:4	=LIN1+OMA1/6.1
	=LIN1+OMA1-6U2-X2:5	=LIN1+OMA1/6.1
	=LIN1+OMA1-6U2-X2:6	=LIN1+OMA1/6.2

=LIN1+OMA1-6U2-X3

Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-6U2-X3:L1	=LIN1+OMA1/6.1
	=LIN1+OMA1-6U2-X3:L2	=LIN1+OMA1/6.1
	=LIN1+OMA1-6U2-X3:L3	=LIN1+OMA1/6.2
	=LIN1+OMA1-6U2-X3:N	=LIN1+OMA1/6.2
	=LIN1+OMA1-6U2-X3:PE	=LIN1+OMA1/6.2

=LIN1+OMA1-6U2-X7

Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-6U2-X7:1	=LIN1+OMA1/7.0
	=LIN1+OMA1-6U2-X7:2	=LIN1+OMA1/7.0
	=LIN1+OMA1-6U2-X7:3	=LIN1+OMA1/7.1
	=LIN1+OMA1-6U2-X7:4	=LIN1+OMA1/7.1
	=LIN1+OMA1-6U2-X7:5	=LIN1+OMA1/7.1
	=LIN1+OMA1-6U2-X7:6	=LIN1+OMA1/7.2
	=LIN1+OMA1-6U2-X7:7	=LIN1+OMA1/7.2
	=LIN1+OMA1-6U2-X7:8	=LIN1+OMA1/7.3
	=LIN1+OMA1-6U2-X7:9	=LIN1+OMA1/7.3
	=LIN1+OMA1-6U2-X7:10	=LIN1+OMA1/7.4

=LIN1+OMA1-6U2-X8		
Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-6U2-X8:1	=LIN1+OMA1/8.0
	=LIN1+OMA1-6U2-X8:2	=LIN1+OMA1/8.1
	=LIN1+OMA1-6U2-X8:3	=LIN1+OMA1/8.1
	=LIN1+OMA1-6U2-X8:4	=LIN1+OMA1/8.1
	=LIN1+OMA1-6U2-X8:5	=LIN1+OMA1/8.2
	=LIN1+OMA1-6U2-X8:6	=LIN1+OMA1/8.2
	=LIN1+OMA1-6U2-X8:7	=LIN1+OMA1/8.3
	=LIN1+OMA1-6U2-X8:8	=LIN1+OMA1/8.3
	=LIN1+OMA1-6U2-X8:9	=LIN1+OMA1/8.4
	=LIN1+OMA1-6U2-X8:10	=LIN1+OMA1/8.4

=LIN1+OMA1-6U2-X10		
Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-6U2-X10:FEEDBACK	=LIN1+OMA1/6.3

=LIN1+OMA1-14U6		
Properties		
Trade	Electrical engineering	
Technical characteristics	Kollmorgen AKD	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Parts list	Parts list	
Multi-line	=LIN1+OMA1-14U6	=LIN1+OMA1/14.5
Single-line	=LIN1+OMA1-14U6	=LIN1+OMA1/14.5

=LIN1+OMA1-31U2

Properties		
Trade	Electrical engineering	
Function text (automatic)	router	
Technical characteristics	Teltonika router	
Part properties		
Parts: Teltonika.RUT241 Variant: 1		
Part type	Component	
Height	0,00 mm	
Width	0,00 mm	
Depth	0,00 mm	
Weight	0,00 kg	
References		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-31U2	=LIN1+OMA1/31.2
Panel layout	=LIN1+OMA1-31U2	=LIN1+OMA1/32.7

=LIN1+OMA1-31U2-LAN

Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-31U2-LAN:2	=LIN1+OMA1/31.3

=LIN1+OMA1-31U2-WAN

Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+OMA1-31U2-WAN:1	=LIN1+OMA1/31.2

=LIN1+OMA1-1X1

Properties	
Trade	Electrical engineering
Function text (automatic)	Dovodne sponke

Part properties	
Parts: Variant:	
Part type	Undefined
Parts: WEI.1010000000 Variant: 1	
Part type	Component
Order number	1010000000
Designation 1	PE terminal
Designation 2	PE terminal, Screw connection, 2.5 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	60,00 mm
Width	5,10 mm
Depth	46,50 mm
Weight	0,02 kg
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
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
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	
Parts list	Parts list
Summarized parts list	Summarized parts list

=LIN1+OMA1-1X1

Terminal diagram	Terminal diagram	
Terminal-strip overview	Terminal-strip overview	
Panel layout caption	Panel layout caption	
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
Panel layout	=LIN1+OMA1-1X1	=LIN1+OMA1/33.0

# =LIN1+OMA1-2X2

## Properties

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

## Part properties

Parts: Variant:

Part type	Undefined
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Parts: WEI.1010000000 Variant: 1

Part type	Component
Order number	1010000000
Designation 1	PE terminal
Designation 2	PE terminal, Screw connection, 2.5 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	60,00 mm
Width	5,10 mm
Depth	46,50 mm
Weight	0,02 kg

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

Parts: WEI.1020080000 Variant: 1

Part type	Component
Order number	1020080000
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

Terminal diagram	Terminal diagram
Terminal-strip overview	Terminal-strip overview



=LIN1+OMA1-2X2

Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-2X2	=LIN1+OMA1/2.0
	=LIN1+OMA1-2X2:1:1;2	=LIN1+OMA1/2.1
	=LIN1+OMA1-2X2:N2:1;2	=LIN1+OMA1/2.2
	=LIN1+OMA1-2X2:PE:1;2	=LIN1+OMA1/2.2
Panel layout	=LIN1+OMA1-2X2	=LIN1+OMA1/33.1

=LIN1+OMA1-4X3

Properties		
Trade	Electrical engineering	
Function text (automatic)	24V DC	

Part properties	
Parts: Variant:	
Part type	Undefined
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		
Terminal diagram	Terminal diagram	
Terminal-strip overview	Terminal-strip overview	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-4X3	=LIN1+OMA1/4.0
	=LIN1+OMA1-4X3:1:1;2	=LIN1+OMA1/4.1
	=LIN1+OMA1-4X3:2:1;2	=LIN1+OMA1/4.1
	=LIN1+OMA1-4X3:3:1;2	=LIN1+OMA1/4.1
	=LIN1+OMA1-4X3:4:1;2	=LIN1+OMA1/4.2
	=LIN1+OMA1-4X3:5:1;2	=LIN1+OMA1/4.2
Panel layout	=LIN1+OMA1-4X3	=LIN1+OMA1/33.3

=LIN1+OMA1-5X4

Properties	
Trade	Electrical engineering
Function text (automatic)	0V DC

Part properties	
Parts: Variant:	
Part type	Undefined
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		
Terminal diagram	Terminal diagram	
Terminal-strip overview	Terminal-strip overview	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-5X4	=LIN1+OMA1/5.0
	=LIN1+OMA1-5X4:1:1;2	=LIN1+OMA1/5.1
	=LIN1+OMA1-5X4:2:1;2	=LIN1+OMA1/5.1
	=LIN1+OMA1-5X4:3:1;2	=LIN1+OMA1/5.1
	=LIN1+OMA1-5X4:4:1;2	=LIN1+OMA1/5.2
	=LIN1+OMA1-5X4:5:1;2	=LIN1+OMA1/5.2
	=LIN1+OMA1-5X4:6:1;2	=LIN1+OMA1/5.2
	=LIN1+OMA1-5X4:7:1;2	=LIN1+OMA1/5.2
	=LIN1+OMA1-5X4:8:1;2	=LIN1+OMA1/5.2
	=LIN1+OMA1-5X4:9:1;2	=LIN1+OMA1/5.3
	=LIN1+OMA1-5X4:10:1;2	=LIN1+OMA1/5.3
Panel layout	=LIN1+OMA1-5X4	=LIN1+OMA1/33.3

=LIN1+OMA1-6X1

Properties	
Trade	Electrical engineering

Part properties	
Parts: SCHR.BZ325003-- Variant: 1	
Part type	Component
Order number	BZ325003--
Designation 1	Vtičnica za montažo na letev s LED signalizacijo
Description	Vtičnica za montažo na letev s LED signalizacijo
Manufacturer	Schrack
Supplier	Schrack
Height	62,00 mm
Width	44,00 mm
Depth	74,00 mm
Weight	0,13 kg

References		
Plug overview	Plug overview	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-6X1:1:1	=LIN1+OMA1/6.6
	=LIN1+OMA1-6X1:2:1	=LIN1+OMA1/6.6
	=LIN1+OMA1-6X1:3:1	=LIN1+OMA1/6.6
Panel layout	=LIN1+OMA1-6X1	=LIN1+OMA1/33.2

=LIN1+OMA1-6X2

Properties	
Trade	Electrical engineering

Part properties	
Parts: Variant:	
Part type	Undefined
Parts: SCHR.BZ325003-- Variant: 1	
Part type	Component
Order number	BZ325003--
Designation 1	Vtičnica za montažo na letev s LED signalizacijo
Description	Vtičnica za montažo na letev s LED signalizacijo
Manufacturer	Schrack
Supplier	Schrack
Height	62,00 mm
Width	44,00 mm
Depth	74,00 mm
Weight	0,13 kg

References		
Parts list	Parts list	
Plug overview	Plug overview	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-6X2:1:1	=LIN1+OMA1/6.7
	=LIN1+OMA1-6X2:2:1	=LIN1+OMA1/6.7
	=LIN1+OMA1-6X2:3:1	=LIN1+OMA1/6.8
Panel layout	=LIN1+OMA1-6X2	=LIN1+OMA1/33.2

=LIN1+OMA1-7X5

Properties	
Trade	Electrical engineering
Function text (automatic)	I/O sponke

Part properties	
Parts: Variant:	
Part type	Undefined
Parts: WEI.1021500000 Variant: 1	
Part type	Component
Order number	1021500000
Designation 1	Multi-tier modular terminal
Designation 2	Multi-tier modular terminal, Screw connection, 2.5 mm², 400 V, 24 A, Number of levels: 2, dark beige
Description	Terminal block with several levels for connecting or joining c onductors with permanently secure contact. Hardened steel withstands the mechanical forces, tin-coated copper ensure s top conductivity. Space-saving design.
Height	69,07 mm
Width	5,10 mm
Depth	62,25 mm
Weight	0,01 kg

References		
Terminal diagram	Terminal diagram	
Terminal-strip overview	Terminal-strip overview	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-7X5	=LIN1+OMA1/7.0
	=LIN1+OMA1-7X5:1:1;2	=LIN1+OMA1/7.0
	=LIN1+OMA1-7X5:2:1;2	=LIN1+OMA1/7.0
	=LIN1+OMA1-7X5:3:1;2	=LIN1+OMA1/7.1
	=LIN1+OMA1-7X5:4:1;2	=LIN1+OMA1/7.1
	=LIN1+OMA1-7X5:5:1;2	=LIN1+OMA1/7.1
	=LIN1+OMA1-7X5:6:1;2	=LIN1+OMA1/7.2
	=LIN1+OMA1-7X5:7:1;2	=LIN1+OMA1/7.2
	=LIN1+OMA1-7X5:8:1;2	=LIN1+OMA1/7.3
	=LIN1+OMA1-7X5:9:1;2	=LIN1+OMA1/7.3
	=LIN1+OMA1-7X5:10:1;2	=LIN1+OMA1/7.4
	=LIN1+OMA1-7X5:11:1;2	=LIN1+OMA1/8.0
	=LIN1+OMA1-7X5:12:1;2	=LIN1+OMA1/8.1
	=LIN1+OMA1-7X5:13:1;2	=LIN1+OMA1/8.1
	=LIN1+OMA1-7X5:14:1;2	=LIN1+OMA1/8.1
	=LIN1+OMA1-7X5:15:1;2	=LIN1+OMA1/8.2
	=LIN1+OMA1-7X5:16:1;2	=LIN1+OMA1/8.2
	=LIN1+OMA1-7X5:17:1;2	=LIN1+OMA1/8.3
	=LIN1+OMA1-7X5:18:1;2	=LIN1+OMA1/8.3
	=LIN1+OMA1-7X5:19:1;2	=LIN1+OMA1/8.4
	=LIN1+OMA1-7X5:20:1;2	=LIN1+OMA1/8.4
	=LIN1+OMA1-7X5:21:1;2	=LIN1+OMA1/9.1
	=LIN1+OMA1-7X5:22:1;2	=LIN1+OMA1/9.1

# =LIN1+OMA1-7X5

Multi-line	=LIN1+OMA1-7X5:23:1;2	=LIN1+OMA1/9.2
	=LIN1+OMA1-7X5:24:1;2	=LIN1+OMA1/12.0
	=LIN1+OMA1-7X5:25:1;2	=LIN1+OMA1/12.1
	=LIN1+OMA1-7X5:26:1;2	=LIN1+OMA1/12.1
	=LIN1+OMA1-7X5:27:1;2	=LIN1+OMA1/12.1
	=LIN1+OMA1-7X5:28:1;2	=LIN1+OMA1/12.2
	=LIN1+OMA1-7X5:29:1;2	=LIN1+OMA1/12.2
	=LIN1+OMA1-7X5:30:1;2	=LIN1+OMA1/12.3
	=LIN1+OMA1-7X5:31:1;2	=LIN1+OMA1/12.4
	=LIN1+OMA1-7X5:32:1;2	=LIN1+OMA1/12.4
	=LIN1+OMA1-7X5:33:1;2	=LIN1+OMA1/12.4
	=LIN1+OMA1-7X5:34:1;2	=LIN1+OMA1/12.4
	=LIN1+OMA1-7X5:35:1;2	=LIN1+OMA1/12.4
	=LIN1+OMA1-7X5:36:1;2	=LIN1+OMA1/12.5
	=LIN1+OMA1-7X5:37:1;2	=LIN1+OMA1/12.5
	=LIN1+OMA1-7X5:38:1;2	=LIN1+OMA1/12.5
	=LIN1+OMA1-7X5:39:1;2	=LIN1+OMA1/12.5
	=LIN1+OMA1-7X5:40:1;2	=LIN1+OMA1/20.6
	=LIN1+OMA1-7X5:41:1;2	=LIN1+OMA1/20.6
	=LIN1+OMA1-7X5:42:1;2	=LIN1+OMA1/20.6
Panel layout	=LIN1+OMA1-7X5	=LIN1+OMA1/33.0

=LIN1+OMA1-12X6

Properties	
Trade	Electrical engineering
Function text (automatic)	Termoclen sponke

Part properties	
Parts: Variant:	
Part type	Undefined
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		
Terminal diagram	Terminal diagram	
Terminal-strip overview	Terminal-strip overview	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-12X6	=LIN1+OMA1/12.7
	=LIN1+OMA1-12X6:1:1;2;3;4	=LIN1+OMA1/12.7
	=LIN1+OMA1-12X6:2:1;2;3;4	=LIN1+OMA1/12.8
	=LIN1+OMA1-12X6:3:1;2;3;4	=LIN1+OMA1/12.8
	=LIN1+OMA1-12X6:4:1;2;3;4	=LIN1+OMA1/12.9
Panel layout	=LIN1+OMA1-12X6	=LIN1+OMA1/33.1

=LIN1+OMA1-21X7

Properties	
Trade	Electrical engineering
Function text (automatic)	PLC sponke

Part properties	
Parts: Variant:	
Part type	Undefined
Parts: WEI.1021500000 Variant: 1	
Part type	Component
Order number	1021500000
Designation 1	Multi-tier modular terminal
Designation 2	Multi-tier modular terminal, Screw connection, 2.5 mm², 400 V, 24 A, Number of levels: 2, dark beige
Description	Terminal block with several levels for connecting or joining c onductors with permanently secure contact. Hardened steel withstands the mechanical forces, tin-coated copper ensure s top conductivity. Space-saving design.
Height	69,07 mm
Width	5,10 mm
Depth	62,25 mm
Weight	0,01 kg

References		
Terminal diagram	Terminal diagram	
Terminal-strip overview	Terminal-strip overview	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-21X7	=LIN1+OMA1/21.0
	=LIN1+OMA1-21X7:1:1;2	=LIN1+OMA1/21.1
	=LIN1+OMA1-21X7:2:1;2	=LIN1+OMA1/21.3
	=LIN1+OMA1-21X7:3:1;2	=LIN1+OMA1/21.5
	=LIN1+OMA1-21X7:4:1;2	=LIN1+OMA1/21.8
	=LIN1+OMA1-21X7:5:1;2	=LIN1+OMA1/22.1
	=LIN1+OMA1-21X7:6:1;2	=LIN1+OMA1/22.3
	=LIN1+OMA1-21X7:7:1;2	=LIN1+OMA1/22.5
	=LIN1+OMA1-21X7:8:1;2	=LIN1+OMA1/22.8
	=LIN1+OMA1-21X7:9:1;2	=LIN1+OMA1/23.1
	=LIN1+OMA1-21X7:10:1;2	=LIN1+OMA1/23.3
	=LIN1+OMA1-21X7:11:1;2	=LIN1+OMA1/23.5
	=LIN1+OMA1-21X7:12:1;2	=LIN1+OMA1/23.8
	=LIN1+OMA1-21X7:13:1;2	=LIN1+OMA1/24.1
	=LIN1+OMA1-21X7:14:1;2	=LIN1+OMA1/24.3
	=LIN1+OMA1-21X7:15:1;2	=LIN1+OMA1/24.5
	=LIN1+OMA1-21X7:16:1;2	=LIN1+OMA1/24.8
	=LIN1+OMA1-21X7:17:1;2	=LIN1+OMA1/25.1
	=LIN1+OMA1-21X7:18:1;2	=LIN1+OMA1/25.3
	=LIN1+OMA1-21X7:19:1;2	=LIN1+OMA1/25.5
	=LIN1+OMA1-21X7:20:1;2	=LIN1+OMA1/25.8
	=LIN1+OMA1-21X7:21:1;2	=LIN1+OMA1/26.1
	=LIN1+OMA1-21X7:22:1;2	=LIN1+OMA1/26.3



## =LIN1+OMA1-21X7

Multi-line	=LIN1+OMA1-21X7:23:1;2	=LIN1+OMA1/26.5
	=LIN1+OMA1-21X7:24:1;2	=LIN1+OMA1/26.8
	=LIN1+OMA1-21X7:25:1;2	=LIN1+OMA1/27.1
	=LIN1+OMA1-21X7:26:1;2	=LIN1+OMA1/27.3
	=LIN1+OMA1-21X7:27:1;2	=LIN1+OMA1/28.2
	=LIN1+OMA1-21X7:28:1;2	=LIN1+OMA1/28.5
	=LIN1+OMA1-21X7:29:1;2	=LIN1+OMA1/29.2
	=LIN1+OMA1-21X7:30:1;2	=LIN1+OMA1/29.5
Panel layout	=LIN1+OMA1-21X7	=LIN1+OMA1/33.2

## =LIN1+OMA1-11XF1

### Properties

Trade	Electrical engineering
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### 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

Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-11XF1	=LIN1+OMA1/11.6
	=LIN1+OMA1-11XF1:1.-8.;1-8	=LIN1+OMA1/11.6
	=LIN1+OMA1-11XF1:1.-8.;1-8	=LIN1+OMA1/11.6
Panel layout	=LIN1+OMA1-11XF1	=LIN1+OMA1/32.7

=LIN1+OMA1-11XF2

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		
Parts list	Parts list	
Panel layout caption	Panel layout caption	
Multi-line	=LIN1+OMA1-11XF2	=LIN1+OMA1/11.7
	=LIN1+OMA1-11XF2:1.-8.;1-8	=LIN1+OMA1/11.8
	=LIN1+OMA1-11XF2:1.-8.;1-8	=LIN1+OMA1/11.8
Panel layout	=LIN1+OMA1-11XF2	=LIN1+OMA1/32.7

=LIN1+FIELD-20A1

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		
Parts list	Parts list	
Multi-line	=LIN1+FIELD-20A1	=LIN1+OMA1/20.2
	=LIN1+FIELD-20A1:1	=LIN1+OMA1/20.6
	=LIN1+FIELD-20A1:2	=LIN1+OMA1/20.6
	=LIN1+FIELD-20A1	=LIN1+OMA1/20.6

=LIN1+FIELD-13B1

Properties	
Trade	Electrical engineering
Part properties	
Parts: Variant:	
Part type	Undefined
References	
Parts list	Parts list
Multi-line	=LIN1+FIELD-13B1:;- =LIN1+OMA1/13.1

=LIN1+FIELD-13B2		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Parts list	Parts list	
Multi-line	=LIN1+FIELD-13B2:+;-	=LIN1+OMA1/13.1

=LIN1+FIELD-13B3		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Parts list	Parts list	
Multi-line	=LIN1+FIELD-13B3:+;-	=LIN1+OMA1/13.3

=LIN1+FIELD-31U1		
Properties		
Trade	Electrical engineering	
Function text (automatic)	PC – lenovo	
Technical characteristics	PC lenovo	
Part properties		
Parts: Lenovo.PC Variant: 1		
Part type	Component	
Height	0,00 mm	
Width	0,00 mm	
Depth	0,00 mm	
Weight	0,00 kg	
References		
Parts list	Parts list	
Summarized parts list	Summarized parts list	
Multi-line	=LIN1+FIELD-31U1	=LIN1+OMA1/31.0

=LIN1+FIELD-31U1-LAN		
Properties		
Trade	Electrical engineering	
References		
Multi-line	=LIN1+FIELD-31U1-LAN:2	=LIN1+OMA1/31.1

=LIN1+FIELD-13X1		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Plug diagram	Plug diagram	
Plug overview	Plug overview	
Multi-line	=LIN1+FIELD-13X1:+	=LIN1+OMA1/13.1
	=LIN1+FIELD-13X1:-	=LIN1+OMA1/13.1

=LIN1+FIELD-13X2		
Properties		
Trade	Electrical engineering	
Part properties		
Parts: Variant:		
Part type	Undefined	
References		
Plug diagram	Plug diagram	
Plug overview	Plug overview	
Multi-line	=LIN1+FIELD-13X2:1	=LIN1+OMA1/13.3
	=LIN1+FIELD-13X2:2	=LIN1+OMA1/13.3
	=LIN1+FIELD-13X2:+	=LIN1+OMA1/13.1
	=LIN1+FIELD-13X2:-	=LIN1+OMA1/13.2