

DIAGRAM
ELECTRIC
HYDRAULIC

**ASCO DRY ICE PELLETIZER
P55 EVO**

from SN 26-033-001
ascoco2.com



Kontakt / Contact:

Hauptsitz / Head Office

ASCO Kohlensäure AG / ASCO CARBONDIOXIDE LTD.
Hofenstrasse 19, CH-9300 Wittenbach
T +41 71 466 80 80
info@ascoco2.com / ascoco2.com
MwSt / VAT-ID: CHE-107.889.692 MWST

Betriebsstätte / Production Site

ASCO Kohlensäure AG
Sprudelstrasse 3, DE-53557 Bad Honningen
T +49 2635 92 534-0
info@ascoco2.com / ascoco2.com
VAT-ID: DE196946952

Subsidiary USA

ASCO CARBON DIOXIDE INC.
80-4 Industrial Loop North, Orange Park, FL 32073
T +1 904 374 9590 / Toll free +1 877 633 0996
usa@ascoco2.com / ascoco2.com/us

Sitz: Wittenbach | Handelsregister: Kanton St. Gallen | Firmen-Nr.: CHE107.889.692 | Präsident des Verwaltungsrates: Adolf Walth | Geschäftsleitung: Ralph Spring (MD)
Seat: Wittenbach | Commercial register of canton: St. Gallen | Company No.: CHE107.889.692 | Chairman of the Board: Adolf Walth | Management: Ralph Spring (MD)

ELECTRIC

	 WARNING Risk of injury from electric power! Changes on the electrical installation on your own are prohibited. Changes on the electrical installation, on the program or on its parameters can cause serious damages to the machine and its environment. Any change on the control or at the program which is not performed by an ASCO-technician leads to a loss of warranty.
---	---



SCHWEIZ

ASCO KOHLENSÄURE AG
Hofenstrasse 19
9300 Wittenbach
Schweiz

T +41 71 466 8080
info@ascoco2.com

SWITZERLAND

ASCO CARBON DIOXIDE LTD
Hofenstrasse 19
9300 Wittenbach
Schweiz

T +41 71 466 8080
info@ascoco2.com

USA

ASCO CARBON DIOXIDE INC.
80-4 Industrial Loop North
Orange Park, Florida 32073
USA

T +1 (904) 374-9590
usa@ascoco2.com

Project-Nr.:

Project description:

Dry Ice Pelletizer
P55 EVO CE US V514

Plant designation:

Operating Temperature Range:

5-35°C

Degree of protection:

IP 54

Power input:

CE: 3x400 VAC / 50 Hz / 32 A -- US: 3x480 VAC / 60 Hz / 32 A -- 9.06kWh

Control voltage:

24 VDC

Rotary field:

Clockwise

Pre-fuse:

C 32A

short-circuit proof Icp:

6kA

Input lead:

4G10mm² at 30°C see cross-section calculation page 4.1

V500	31.01.2024	ASCO	Date	06.11.2025
			Editor	
Modification	Date	Name		

Table of contents

Plant	Mounting location	Page	Page description	Edited by	Date	Remarks
=P55EVO	+SS01	57	PLC overview		06.11.2025	
=P55EVO	+SS01	58	PLC overview		06.11.2025	
=P55EVO	+SS01	60	Operation / control panel		06.11.2025	
=P55EVO	+SS01	61	Remote maintenance module		06.11.2025	
=P55EVO	+SS01	63	Signal tower		06.11.2025	
=P55EVO	+SS01	65	Interface 1 Emergency stop		06.11.2025	
=P55EVO	+SS01	66	Interface 1 digital inputs		06.11.2025	
=P55EVO	+SS01	67	Interface 1 digital outputs		17.12.2025	
=P55EVO	+SS01	68	Interface 1 analog inputs		06.11.2025	
=P55EVO	+SS01	69	Interface 1 ASCO CO2 detector		06.11.2025	
=P55EVO	+SS01	70	Interface 1 conveyor belt		12.12.2025	
=P55EVO	+ET200PRO	90	ET200PRO Spannungsversorgung		06.11.2025	
=P55EVO	+ET200PRO	91	ET200PRO SPS-Aufbau		06.11.2025	
=P55EVO	+ET200PRO	95	PLC overview		06.11.2025	
=P55EVO	+ET200PRO	96	PLC overview		06.11.2025	
=P55EVO	+ET200PRO	97	PLC overview		06.11.2025	
=P55EVO	+ET200PRO	98	PLC overview		06.11.2025	
=P55EVO	+ET200PRO	99	PLC overview		06.11.2025	
=P55EVO	+ET200PRO	100	PLC overview		06.11.2025	
=P55EVO	+HYD	110	Plant part 1 Sensors		02.04.2026	
=P55EVO	+TEIL1	120	System section 1 Analog sensors		06.11.2025	
=P55EVO	+TEIL1	130	Part section 1 Valves		06.11.2025	
=P55EVO	+TEIL2	220	System section 2 Analog sensors		06.11.2025	
=P55EVO	+TEIL2	230	Part section 2 Valves		06.11.2025	
=AUS01	+SS01	1	Parts list		06.11.2025	
=AUS01	+SS01	1.1	Parts list		06.11.2025	
=AUS01	+SS01	1.2	Parts list		12.12.2025	
=AUS01	+SS01	1.3	Parts list		06.11.2025	

Table of contents

Plant	Mounting location	Page	Page description	Edited by	Date	Remarks
=AUS01	+SS01	1.4	Parts list		17.12.2025	
=AUS01	+SS01	1.5	Parts list		12.12.2025	
=AUS02	+SS01	1	Summarized parts list		17.12.2025	
=AUS02	+SS01	1.1	Summarized parts list		17.12.2025	
=AUS02	+SS01	1.2	Summarized parts list		17.12.2025	
=AUS02	+SS01	1.3	Summarized parts list		17.12.2025	
=AUS02	+SS01	1.4	Summarized parts list		17.12.2025	
=AUS02	+SS01	1.5	Summarized parts list		17.12.2025	
=AUS02	+SS01	1.6	Summarized parts list		17.12.2025	
=AUS02	+SS01	1.7	Summarized parts list		17.12.2025	
=AUS02	+DR	1	Summarized parts list		06.11.2025	
=AUS02	+DR	1.1	Summarized parts list		06.11.2025	
=AUS02	+ET200PRO	1	Summarized parts list		06.11.2025	
=AUS02	+ET200PRO	1.1	Summarized parts list		06.11.2025	
=AUS02	+EXT	1	Summarized parts list		06.11.2025	
=AUS02	+EXT	1.1	Summarized parts list		06.11.2025	
=AUS02	+HYD	1	Summarized parts list		06.11.2025	
=AUS02	+TEIL1	1	Summarized parts list		06.11.2025	
=AUS02	+TEIL1	1.1	Summarized parts list		06.11.2025	
=AUS02	+TEIL2	1	Summarized parts list		06.11.2025	
=AUS02	+TEIL2	1.1	Summarized parts list		06.11.2025	
=AUS04		1	Cable overview		06.11.2025	
=AUS05		1	Terminal-strip overview		12.12.2025	

Structure identifier overview

Full designation	Structure description
<u>Funktionskennzeichen</u>	
=P55EVO	Pelletizer P55EVO
=R70i	Reformer R70i
=AUS01	Parts list
=AUS02	Summarized parts list
=AUS04	Cable overview
=AUS05	Klemmleistenübersicht
=R70	

Full designation	Structure description
<u>Ortskennzeichen</u>	
+SS01	Control cabinet
+DR	Door
+CVB	conveyor belt
+ET200PRO	ET200pro
+EXT	External
+HYD	Hydraulics
+TEIL1	Part section 1
+TEIL2	Part section 2
+CST	Customer

Customer-specific standards

color of wires for Cable to DIN47100

1	white (wh)	18	grey-brown	35	green-black
2	brown (bn)	19	white-pink	36	yellow-black
3	green (gn)	20	pink-brown	37	grey-blue
4	yellow (ye)	21	white-blue	38	pink-blue
5	grey (gy)	22	brown-blue	39	grey-red
6	pink (pk)	23	white-red	40	pink-red
7	blue (bu)	24	brown-red	41	grey-black
8	red (rd)	25	white-black	42	pink-black
9	black (bk)	26	brown-black	43	blue-black
10	violet (vi)	27	grey-green	44	red-black
11	grey-pink	28	yellow-grey	45	white-brown-black
12	red-blue	29	pink-green	46	yellow-green-black
13	white-green	30	yellow-pink	47	grey-pink-black
14	brown-green	31	green-blue	48	red-blue-black
15	white-yellow	32	yellow-blue	49	white-green-black
16	yellow-brown	33	green-red	50	brown-green-black
17	white-grey	34	yellow-red	51	white-yellow-black

Cable cross section				
Cross-section:		Current load:		
0.5mm²	3 A	AWG 24	(0.21mm²)	2 A
0.75mm²	4 A	AWG 22	(0.33mm²)	4 A
1.0mm²	6 A	AWG 20	(0.52mm²)	6 A
1.5mm²	10 A	AWG 19	(0.65mm²)	7 A
2.5mm²	16 A	AWG 18	(0.82mm²)	8 A
4.0mm²	20 A	AWG 16	(1.31mm²)	10 A
6.0mm²	25 A	AWG 14	(2.08mm²)	20 A
10mm²	40 A (35A)	AWG 12	(3.32mm²)	25 A
16mm²	63 A (50A)	AWG 10	(5.26mm²)	40 A
25mm²	80 A	AWG 8	(8.35mm²)	55 A
35mm²	100 A	AWG 6	(13.30mm²)	80 A
50mm²	125 A	AWG 4	(21.15mm²)	105 A
70mm²	160 A	AWG 3	(26.67mm²)	120 A
95mm²	200 A	AWG 2	(33.63mm²)	140 A
120mm²	225 A	AWG 1	(42.41mm²)	165 A
150mm²	250 A	AWG 0	(53.48mm²)	195 A
185mm²	300 A	AWG 2/0	(67.43mm²)	225 A
240mm²	350 A	AWG 3/0	(85.03mm²)	260 A
		AWG 4/0	(107.2mm²)	300 A
Cross-section calculation				
Ambient temperature		Conversion factor		
30°C	86°F	1.00		
40°C	104°F	0.87		
45°C	113°F	0.79		
55°C	131°F	0.62		

Copper busbar blank	
Cross-section:	Current load:
12 x 2 mm	123 A
15 x 2 mm	143 A
15 x 3 mm	197 A
20 x 2 mm	189 A
20 x 3 mm	237 A
20 x 5 mm	319 A
20 x 10 mm	497 A
25 x 3 mm	287 A
25 x 5 mm	384 A
30 x 3 mm	337 A
30 x 5 mm	447 A
30 x 10 mm	676 A
40 x 3 mm	436 A
40 x 5 mm	573 A
40 x 10 mm	850 A
50 x 5 mm	697 A
50 x 10 mm	1020 A
60 x 5 mm	826 A
60 x 10 mm	1180 A
80 x 5 mm	1070 A
80 x 10 mm	1500 A
100 x 5 mm	1300 A
100 x 10 mm	1810 A
120 x 10 mm	2110 A
160 x 10 mm	2700 A

Copper busbar laminated	
Cross-section:	Current load:
6 x 13.0 x 0.5mm	150 A
6 x 15.5 x 0.8mm	290 A
10 x 24.0 x 1.0mm	600 A
10 x 32.0 x 1.0mm	800 A
10 x 40.0 x 1.0mm	950 A
10 x 50.0 x 1.0mm	1000 A
10 x 63.0 x 1.0mm	1240 A

Cable cross section Protective wire	
Cross-section Power supply:	min. Cross-section Protective wire:
S ≤ 16mm²	S
16mm² < S ≤ 35mm²	16mm²
S > 35mm²	S / 2

0123456789

General Project Information and Safety

General Instructions

This documentation is intended for the set-up and connection of the electric control unit by trained staff. Work on the control unit as well as commissioning and maintenance of the machinery must be carried out by qualified and trained staff.

The connection of the protective earth conductor is to be performed on site in compliance with the local regulations.

After transportation / before commissioning, all screw connections must be tightened (they may have worked loose).

To ensure proper cooling of the electric control unit the operator should regularly check the cooling equipment and clean or replace it if necessary (e.g. filter pads).

Safety-related components may only be replaced with equivalent components.

The present schematic diagram has been compiled using a CAD system. The arrangement of the components / connections must be adhered to precisely when installing the wiring.

Safety Instructions



WARNING

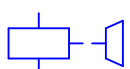
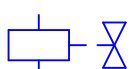
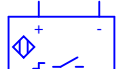
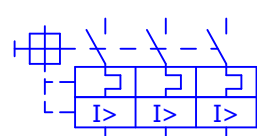
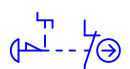
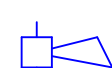
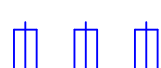
It is not permitted to work on electrically live parts and equipment!

The machine may only be operated if all the protective devices are fitted in place and fully functional.

It is forbidden to remove the protective devices, bypass them or make them inoperative.

Should any of the protective devices show a fault, the machine must be stopped immediately and may only be started up again after repair has been carried out by qualified staff.

Symbols

	Calliper manually operated normally open contact (NO)		Pressure - dependent switcher		Engage changer delayed		Lamp
	Calliper manually operated break contact (NC)		foot controlled Switch		Contactor, relay		Electromagnetic break
	Key switch with interlock		Engage normally open contact delayed		Contactor, relay		Solenoid valve
	Rotary switch with interlock		Engage break contact element delayed		Contactor, relay		Poximity switch normally open contact
	limit switch		Engage changer delayed		Operating hours counter		Motor overload switch
	Emergency - stop switch		Engage normally open contact delayed		LED		Miniature circuit-breaker
	Temperature-dependent interruptor		Engage break contact element delayed		horn		Safety fuse
	float switch		Engage changer delayed		Siren		Disconnecter

Device tag

A	Module, assembly
B	Encoder
C	Capacitor, Memory module, Binary element
E	Lighting
F	Miniature circuit breakers, fuse
G	Power supply unit, Generator
K	relay, Filter
M	Motor
P	Measuring instrument, Display, signal device
Q	Circuit breaker, Disconnecter, Contactor
R	Resistor, Coil, Semiconductor
S	switch, pushbutton
T	Converter, amplifier, Controller
W	conductor, Cable
X	Terminal, Plug
Y	Valve, Brake, Coupling

Plant Identification	_____	=XX
Location identification	_____	+XX
Resource identification	_____	-6 K 9
Page number	_____	
identifier	_____	
Path number	_____	



V500	31.01.2024	ASCO	Date	06.11.2025
			Editor	
Modification	Date	Name		



ASCO Kohlensäure AG
Hofenstrasse 19
CH-9300 Wittenbach
+41 71 466 80 80
info@ascoco2.com

Page description:
Symbols

Project-No.:

Scheme-No.:

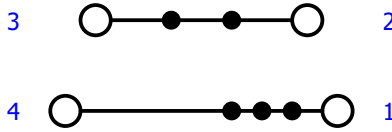
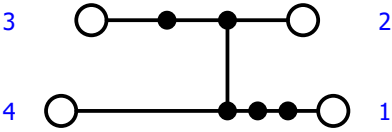
Project designation:
Dry Ice Pelletizer P55 EVO CE US V514

Scheme-No. Customer: Project-No. Customer:

= P55EVO
+ SS01

I sh 70
Pg 4.3

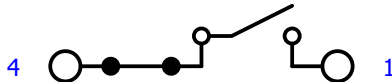
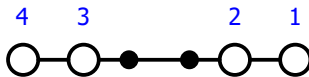
Terminal numbering



Terminal

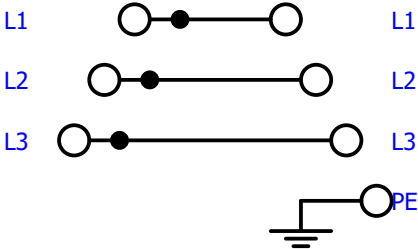
2

1



Terminal

1



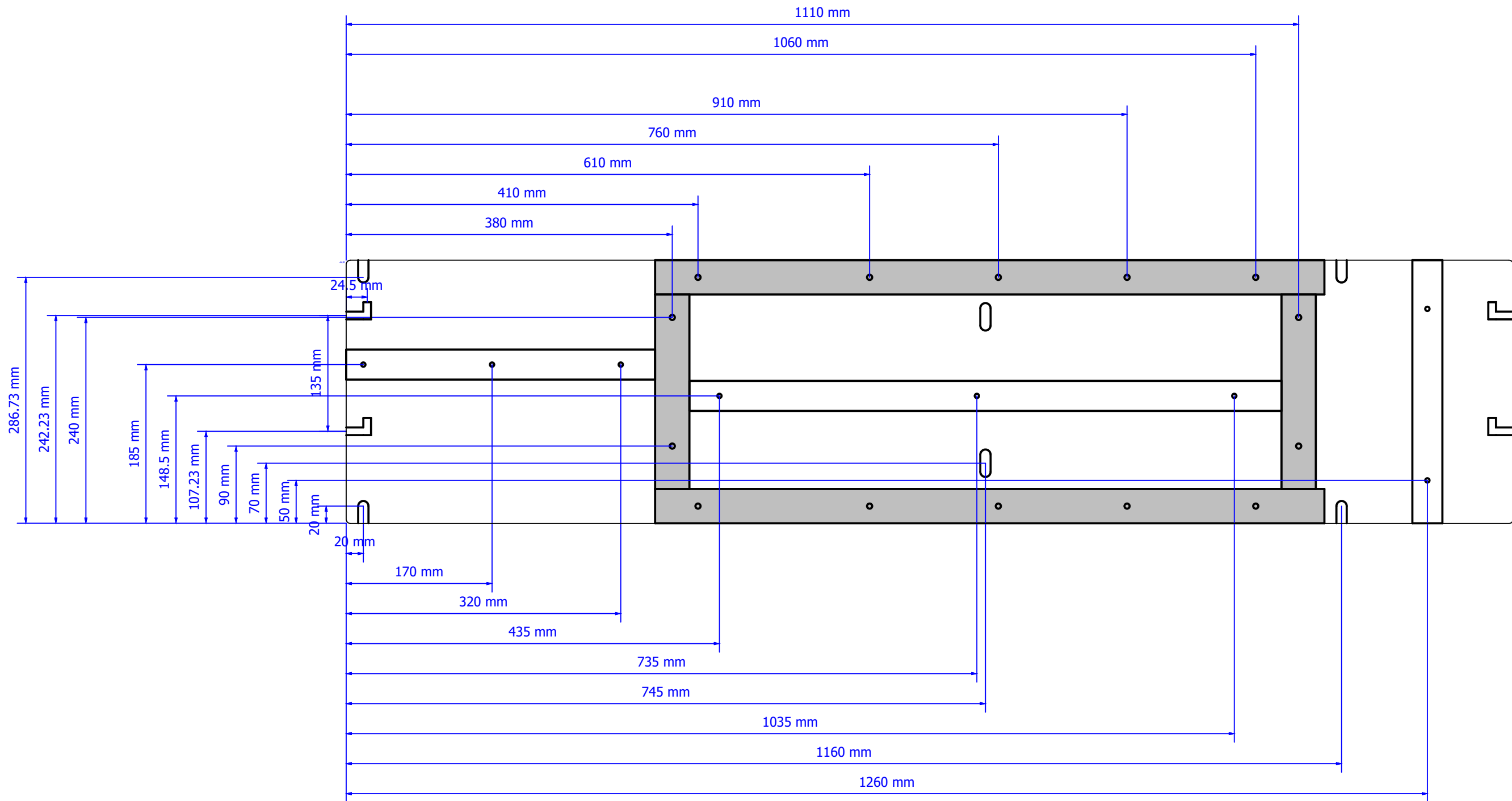
Terminal

1

2

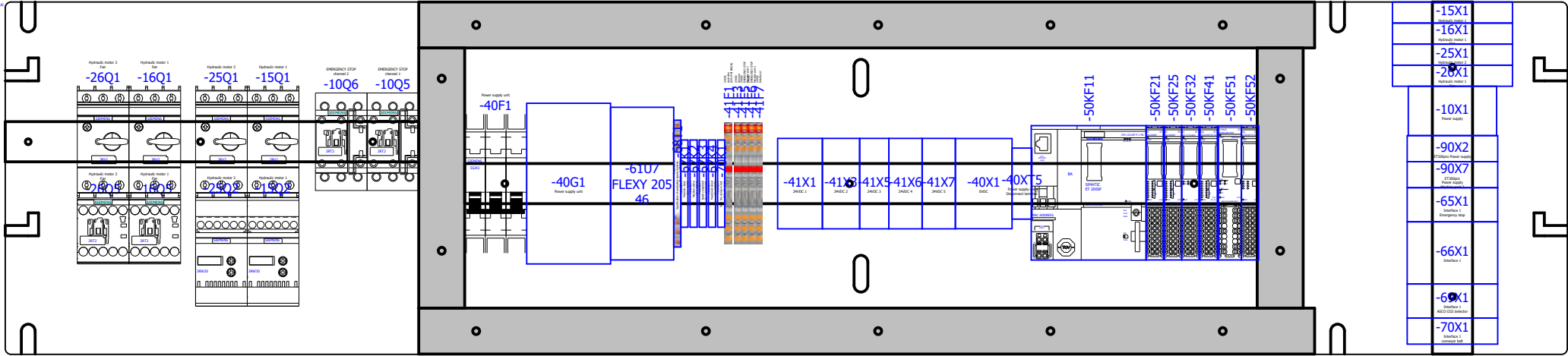
3

4



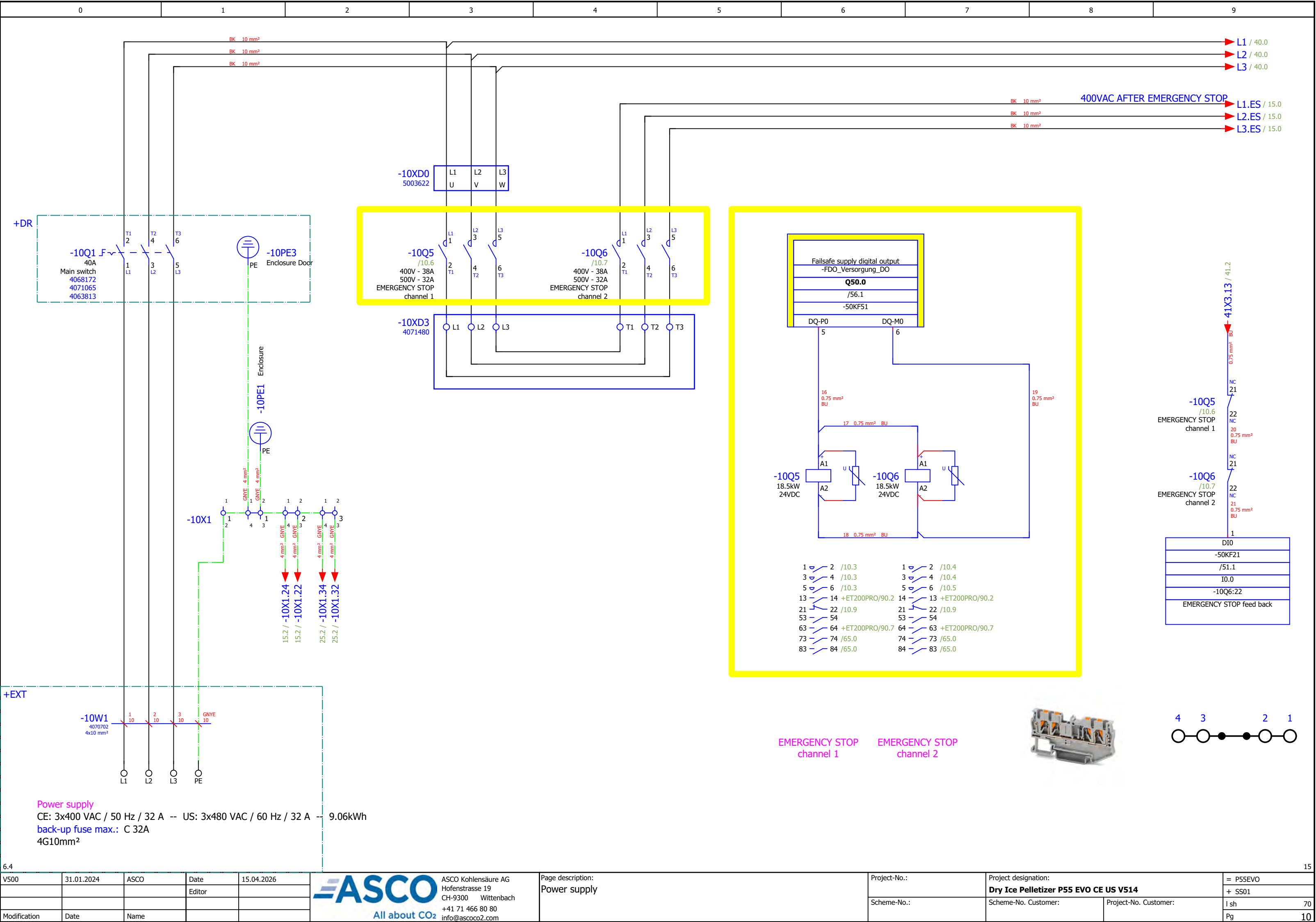
BxH: 1360mmx307mm

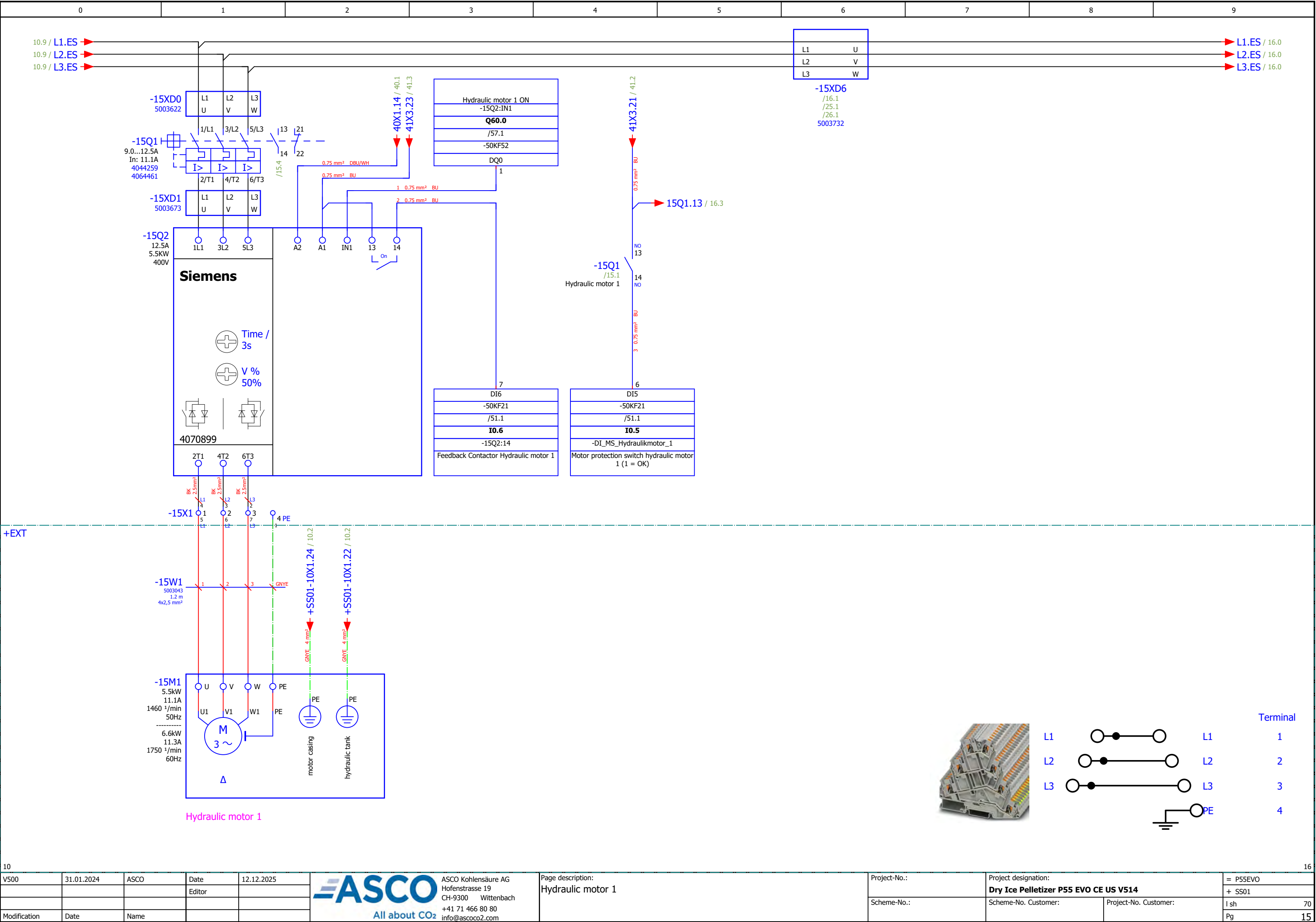
Platte : Ø12 (6x)
Kanal : Ø6 (12x)
Schiene : M5 (7x)

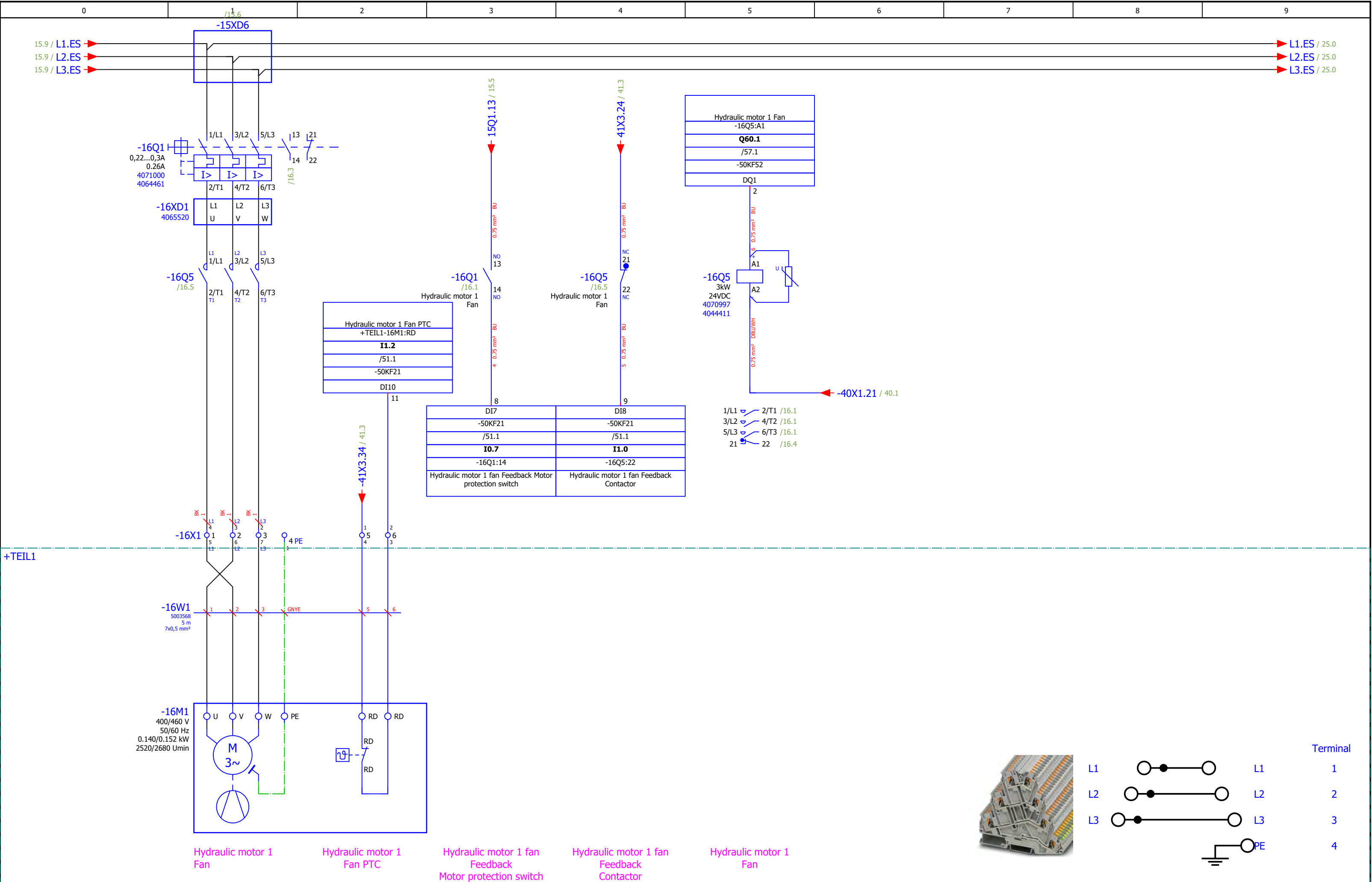


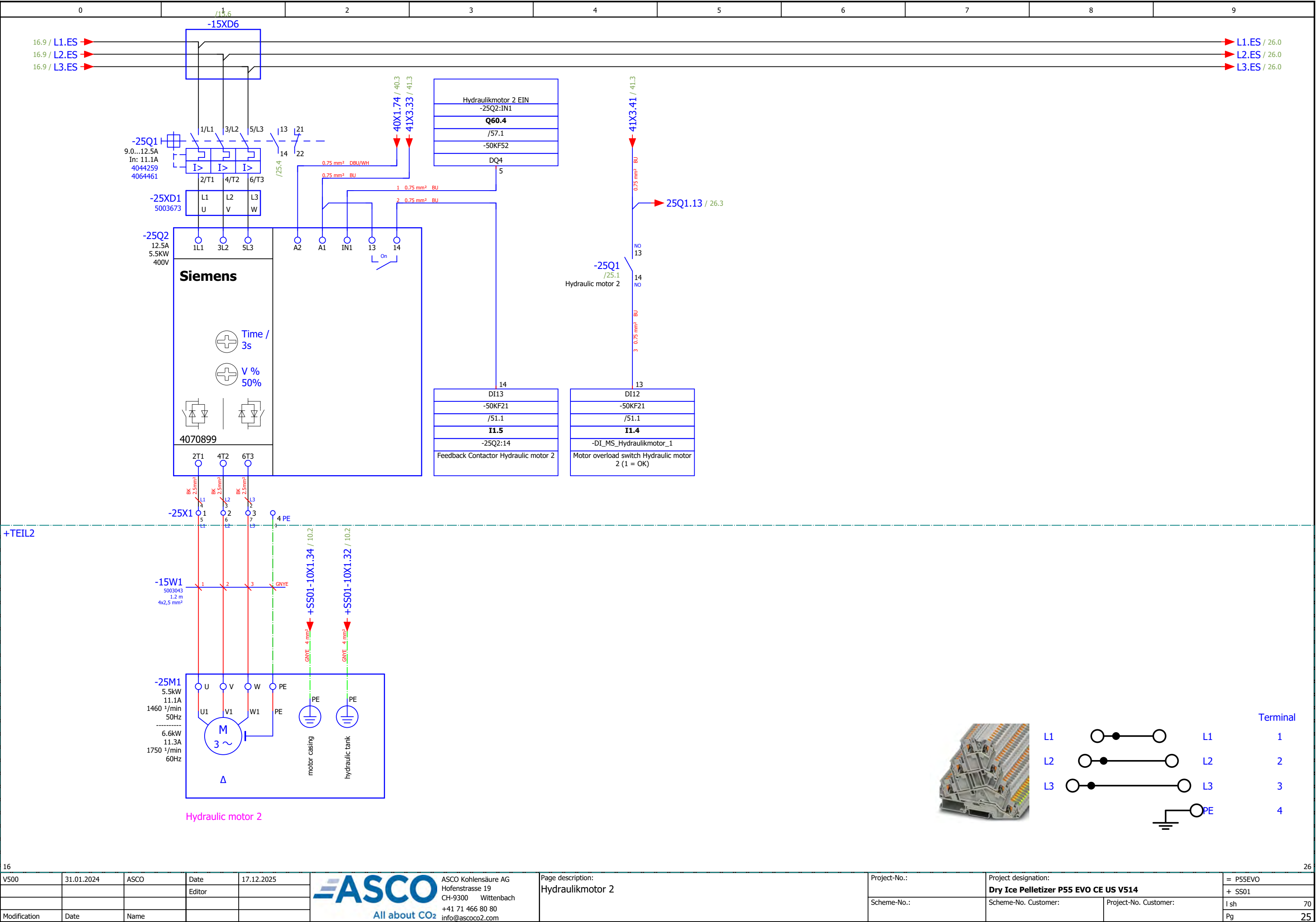
BxH: 1360mmx307mm

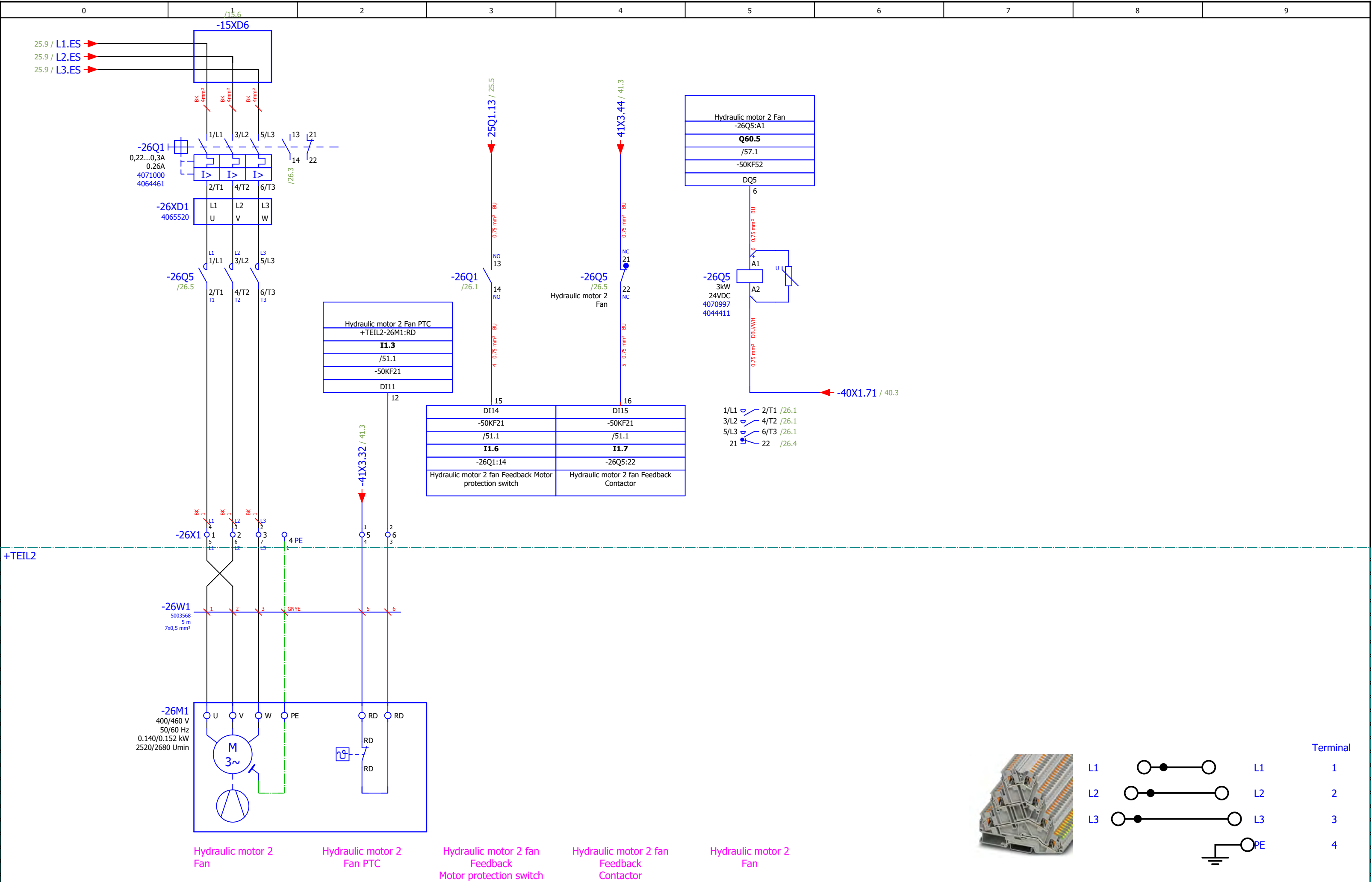
Platte : Ø12 (6x)
Kanal : Ø6 (12x)
Schiene : M5 (7x)

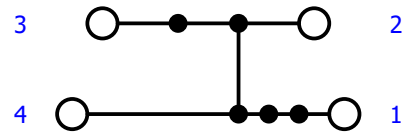
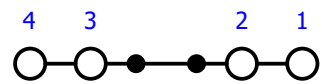
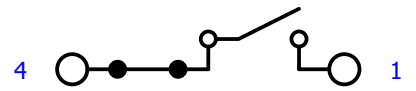
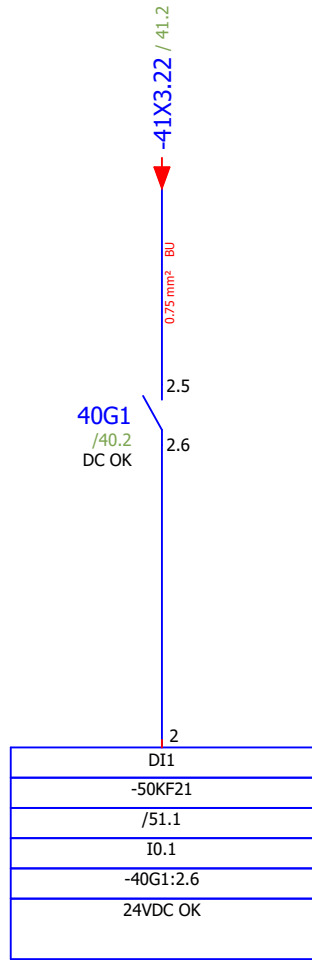
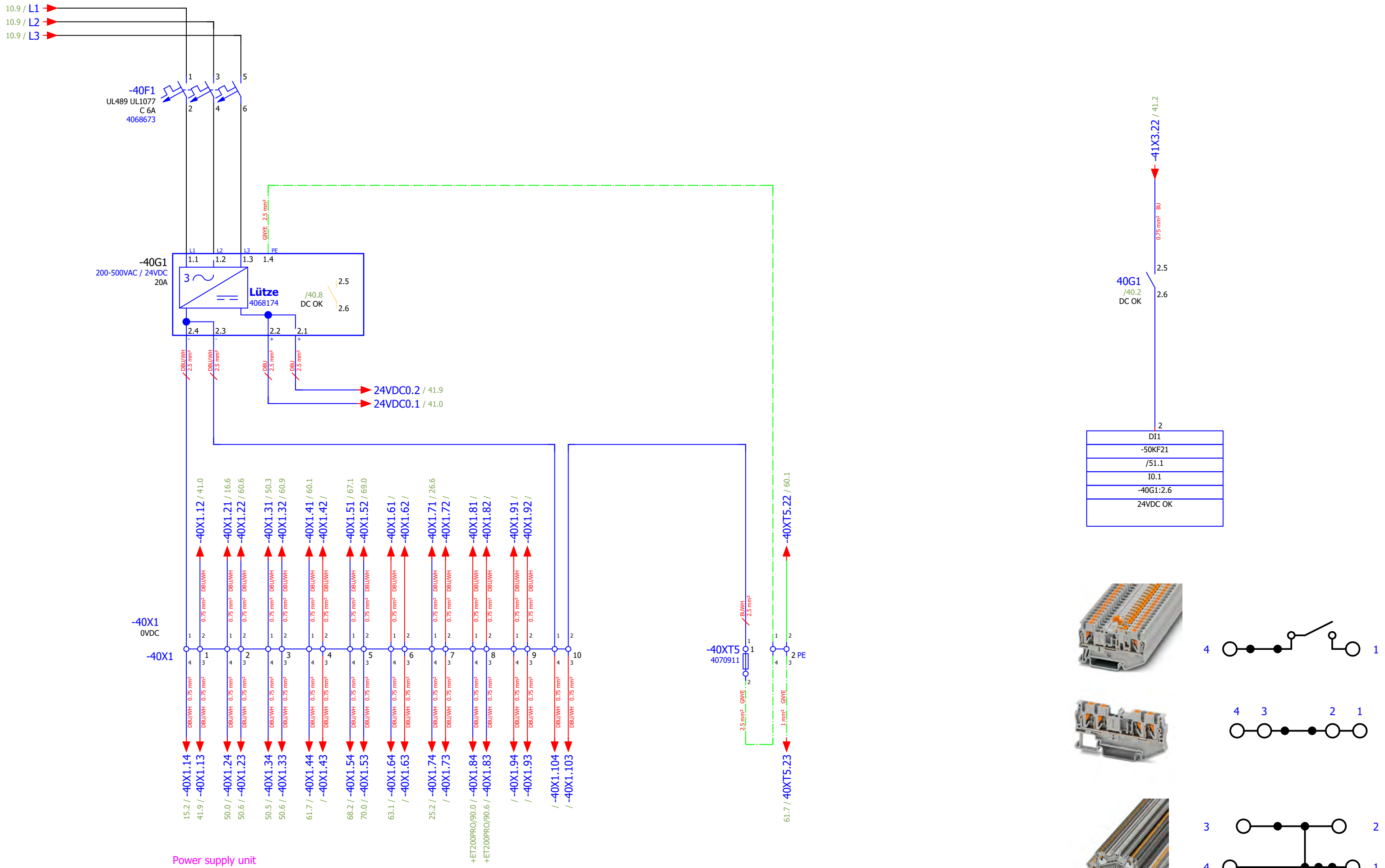




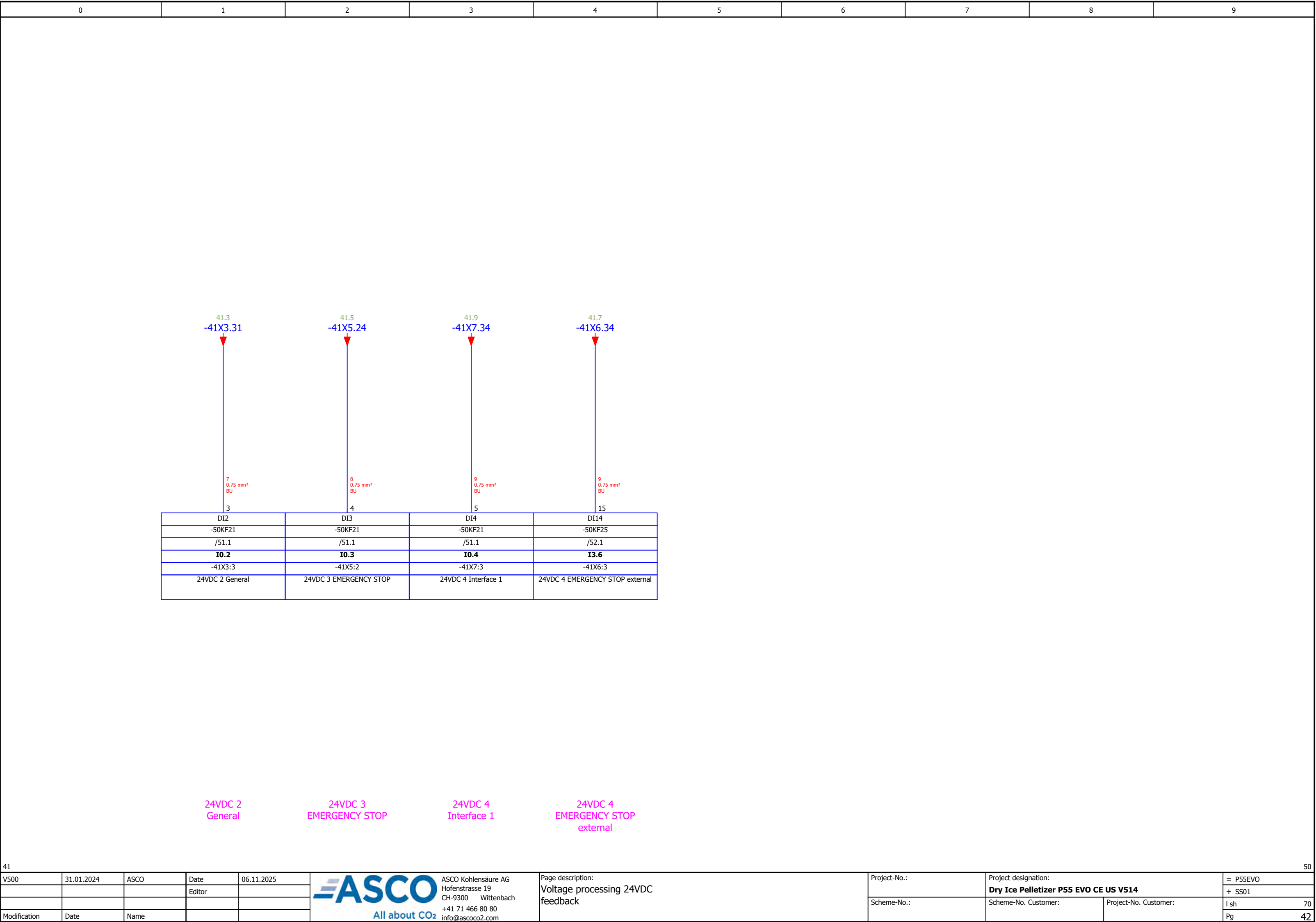






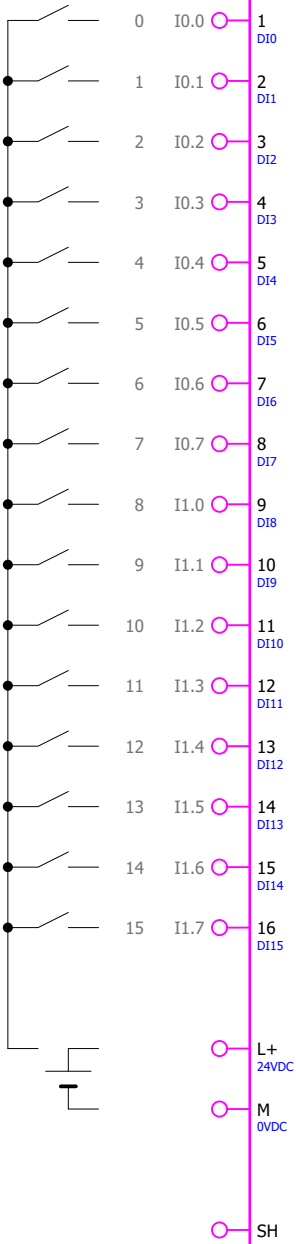


Power supply unit



-50KF21
/50.2

Siemens
4070341
4068190



SIEMENS
6ES7131-6BH01-0BA0
6ES7193-6BP00-0DA0



	= P55EVO
--	----------

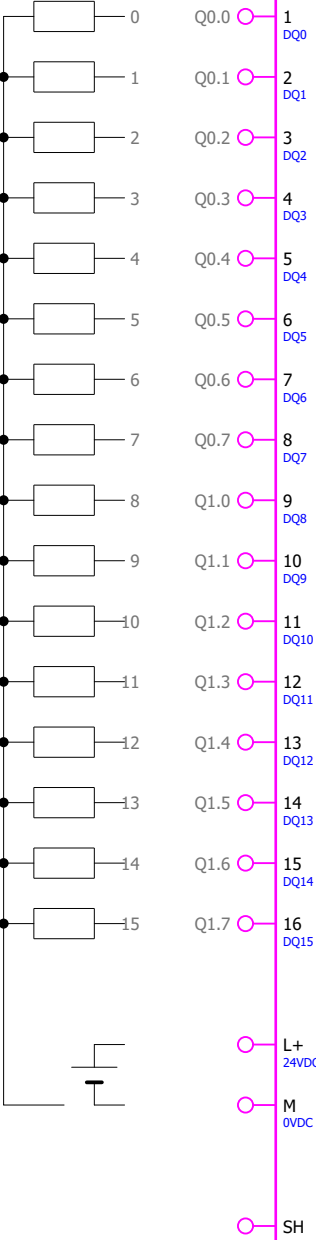
	= P55EVO
--	----------

1 sh	
------	--

Pg

-50KF41
/50.5

Siemens
4070342
4068190



/67.1

/67.2

/67.3

/67.4

/70.1

/60.6

/60.9

/63.2

/63.3

/63.4

/63.5

/63.6

/50.5

/50.5

Interface 1 Machine ready (1 = ready)

Interface 1 Machine active (1 = active)

Interface 1 Batch completed (1 = completed)

Interface 1 Machine drained (1 = empty)

Interface 1 Start the conveyor belt (1 = start, 0 = stop)

Movement confirmation

Emergency stop

Signal tower blue

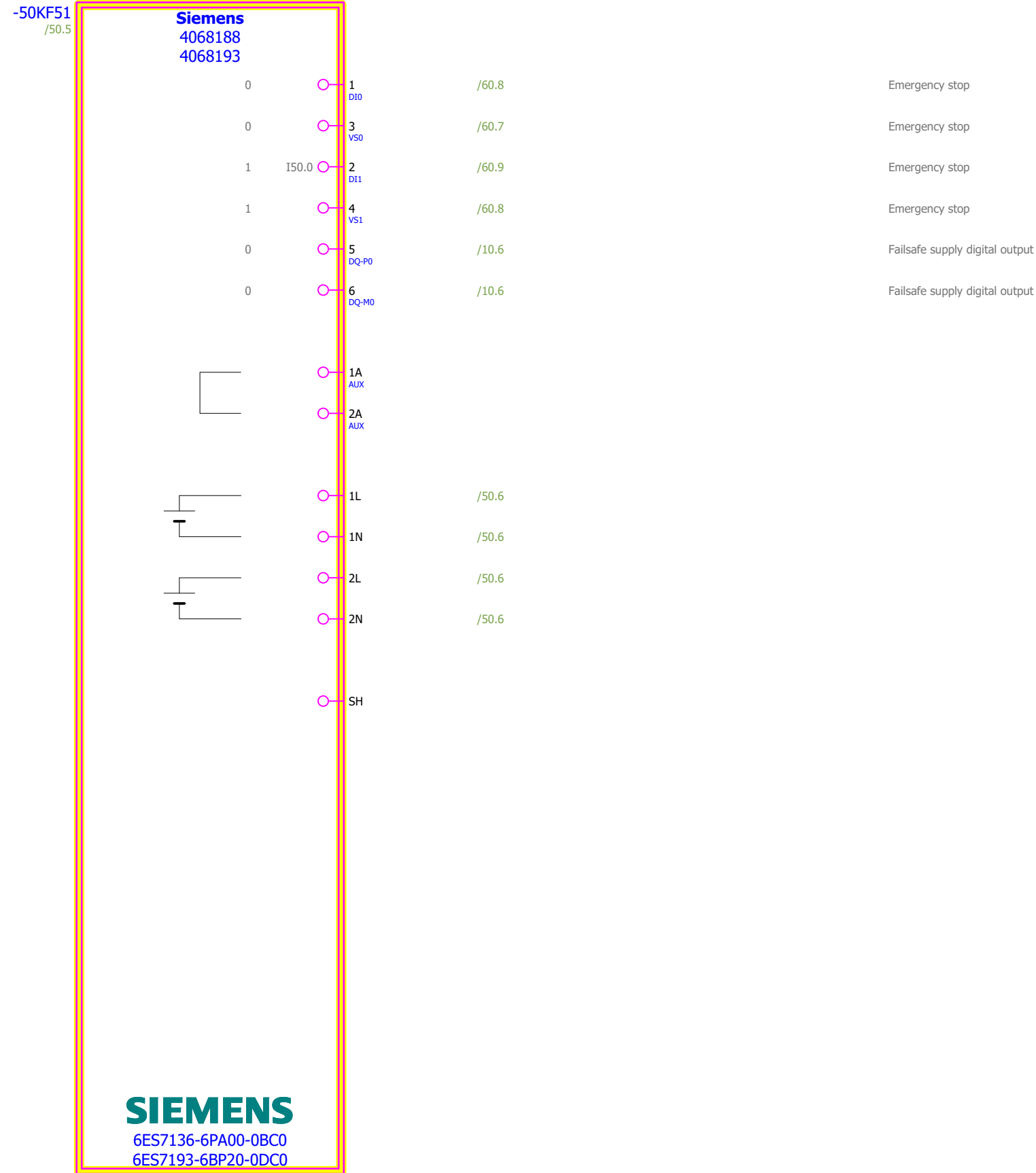
Signal tower green

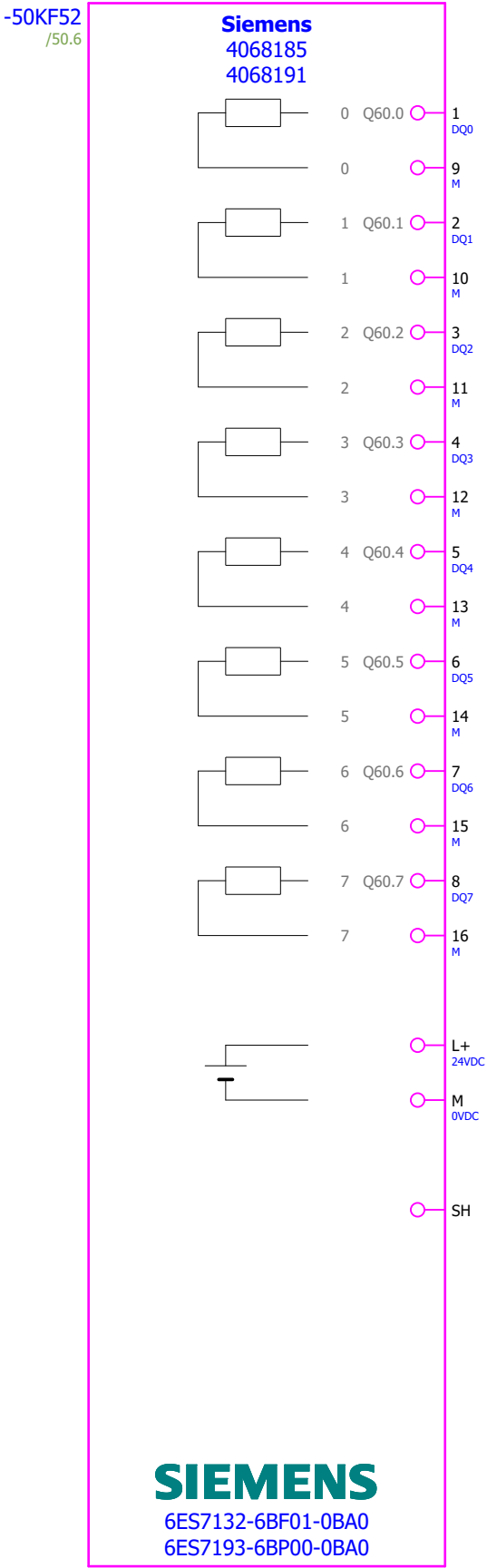
Signal tower yellow

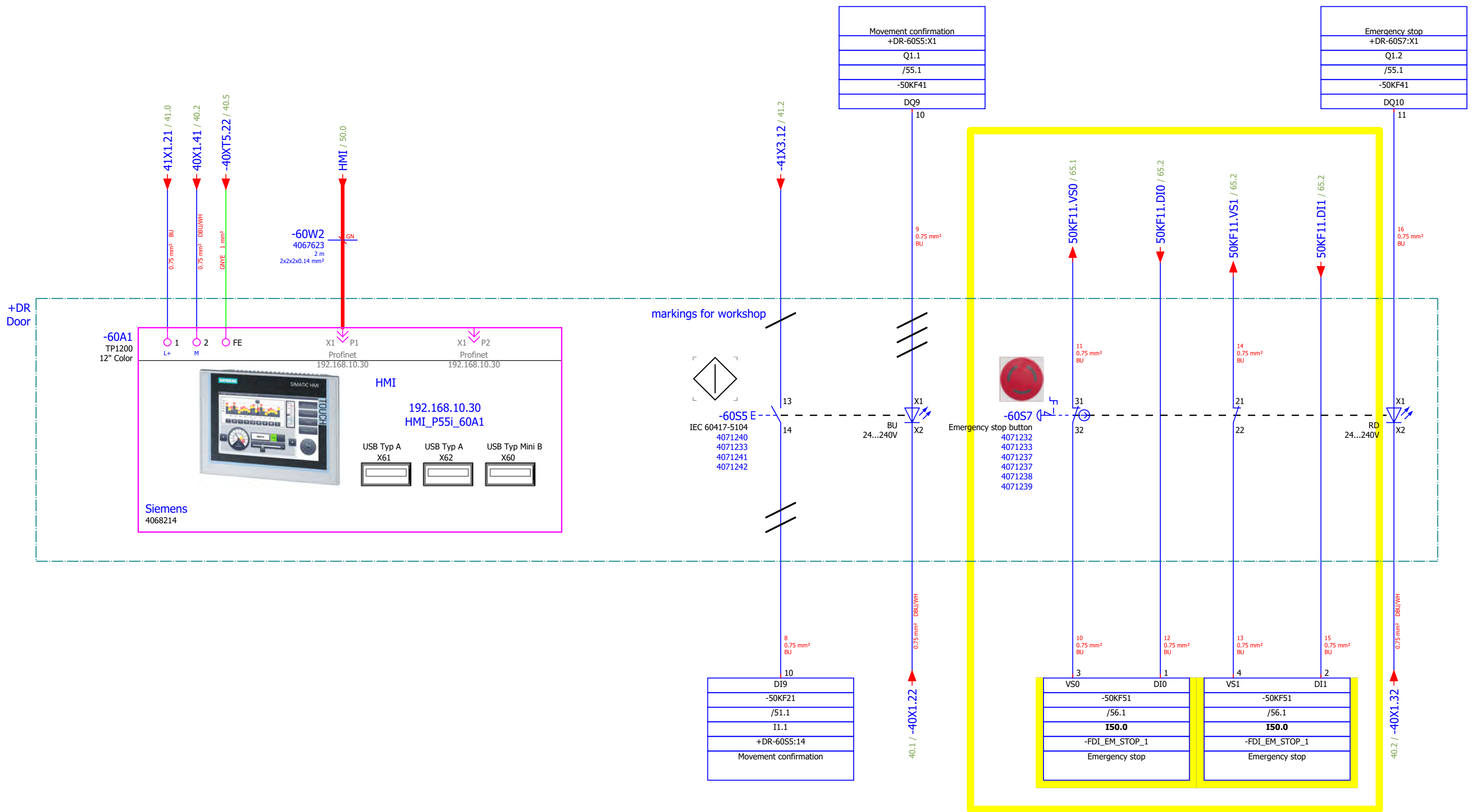
Signal tower red

Signal tower Buzzer

SIEMENS
6ES7132-6BH01-0BA0
6ES7193-6BP00-0DA0



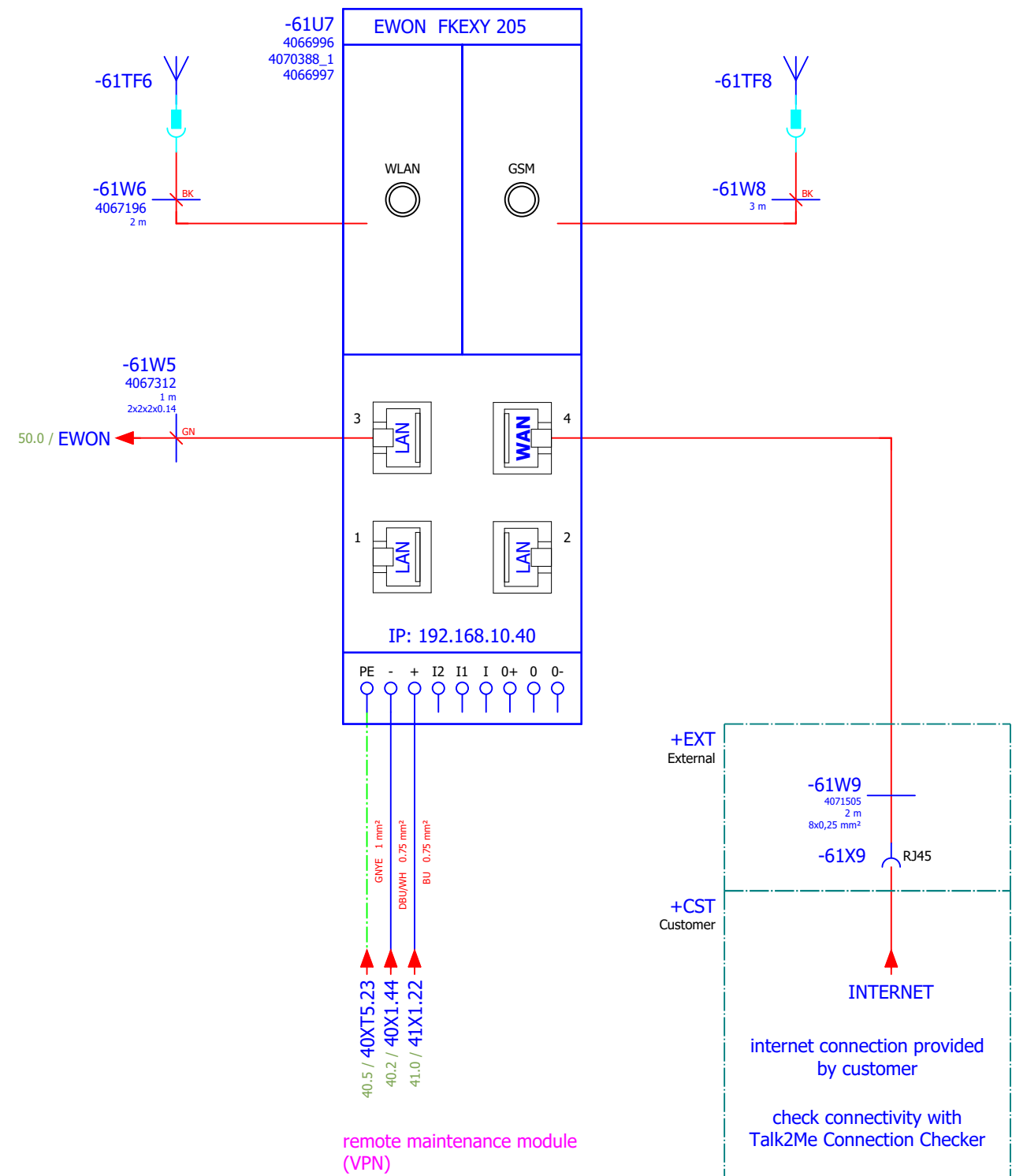


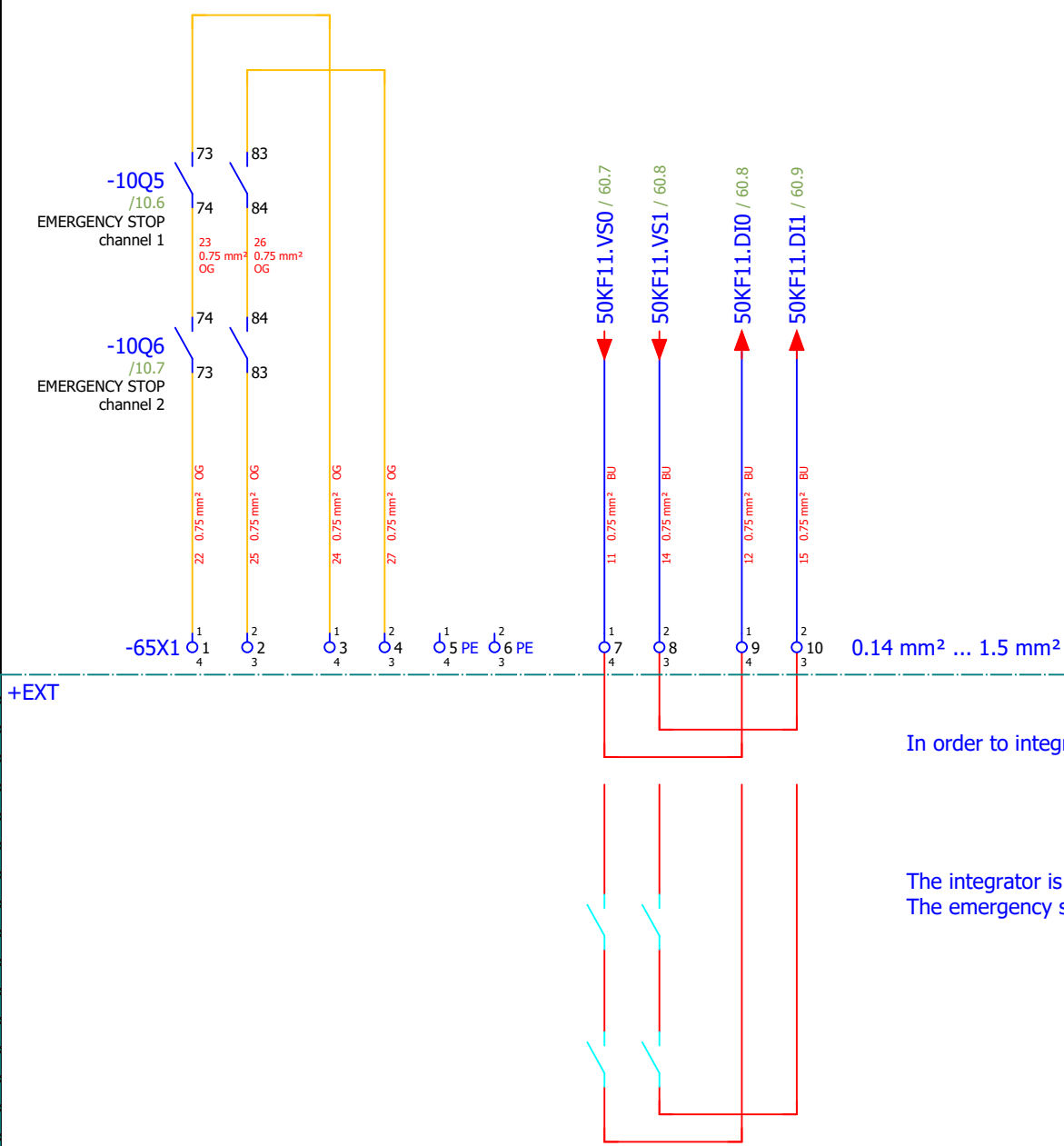


human machine interface (HMI)

Movement confirmation

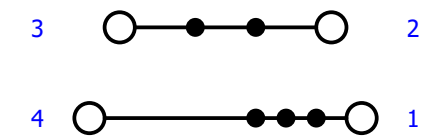
Emergency stop





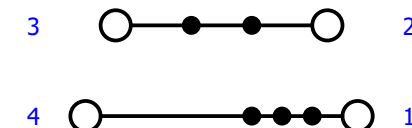
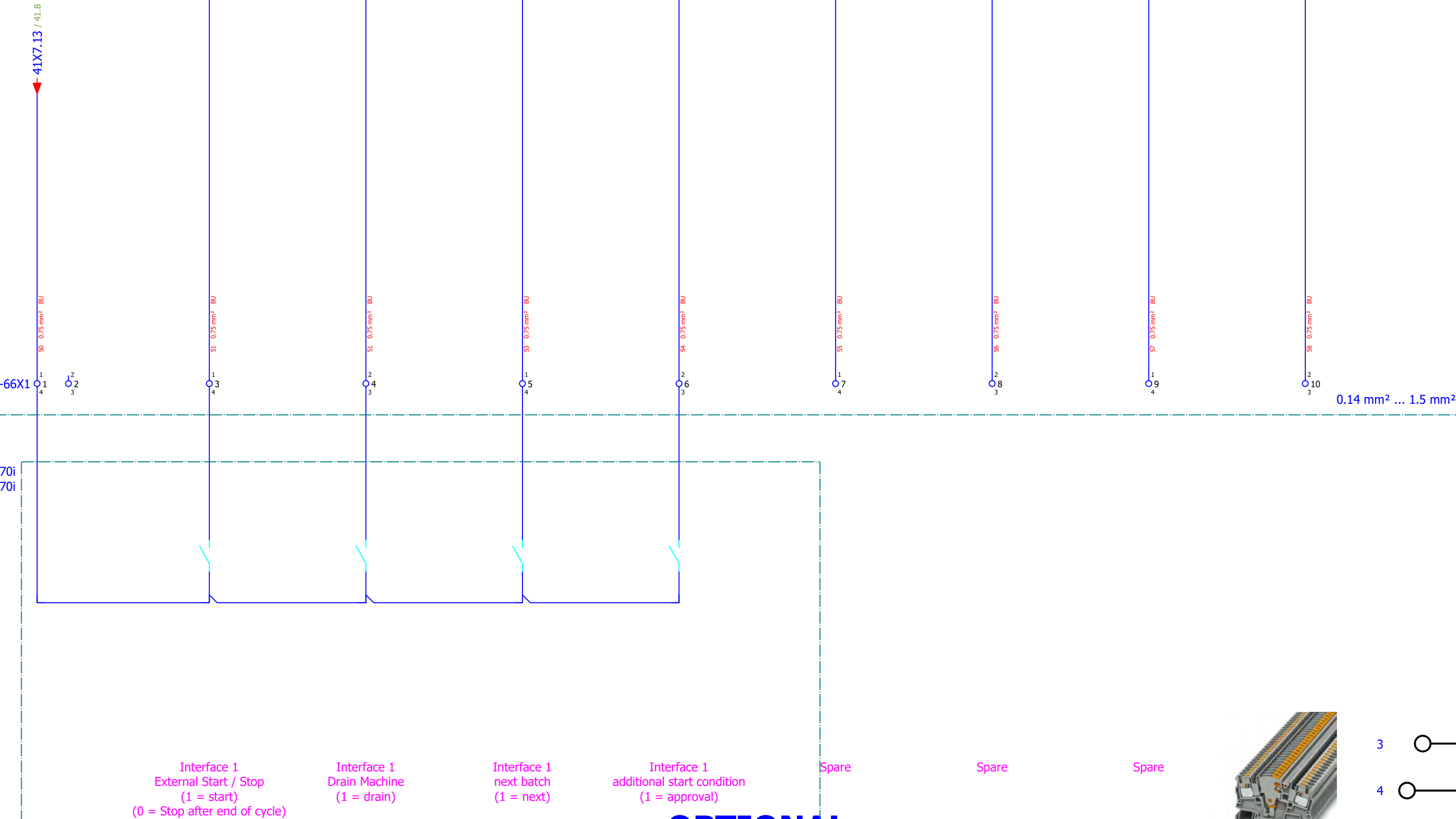
In order to integrate an external emergency stop, the bridges must be removed.

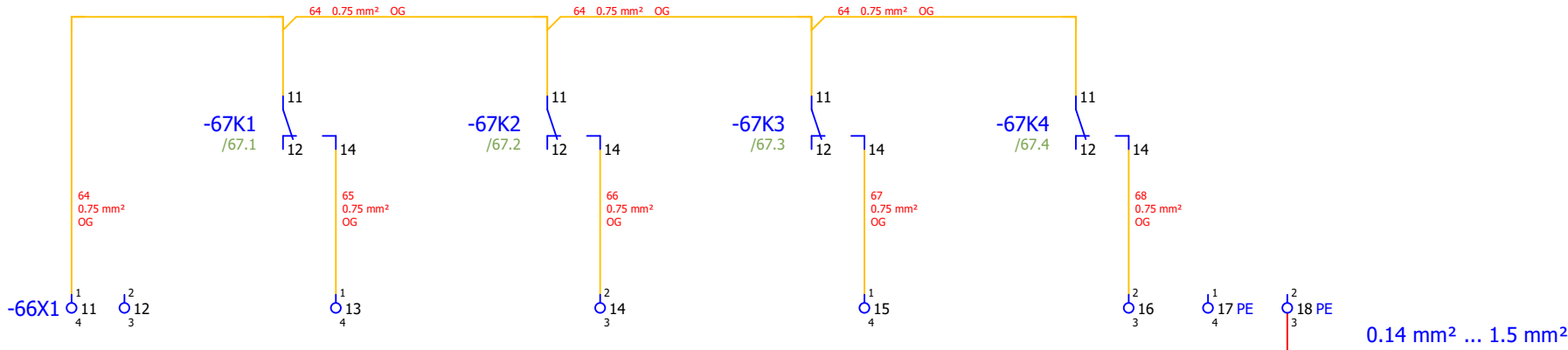
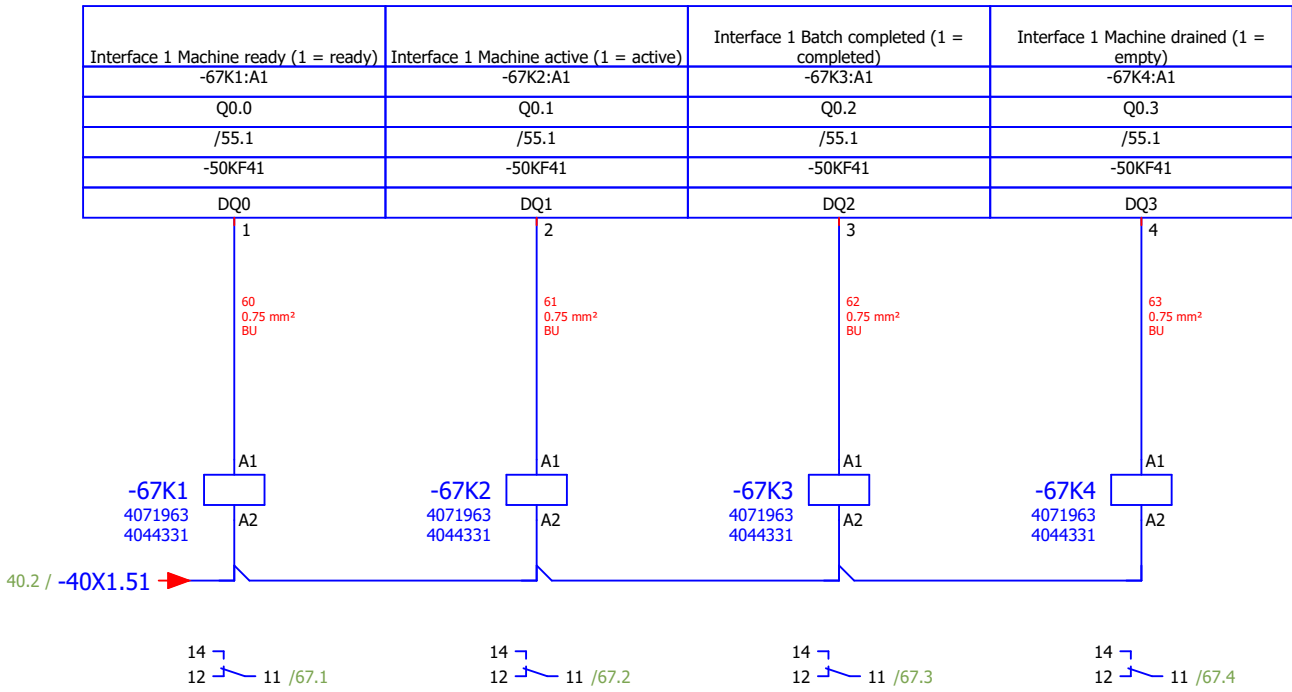
The integrator is responsible for integrating an external emergency stop or for integrating the machine into an external emergency stop. The emergency stop strategy and all associated standards must be observed in all cases. Integration may only be carried out by qualified personnel



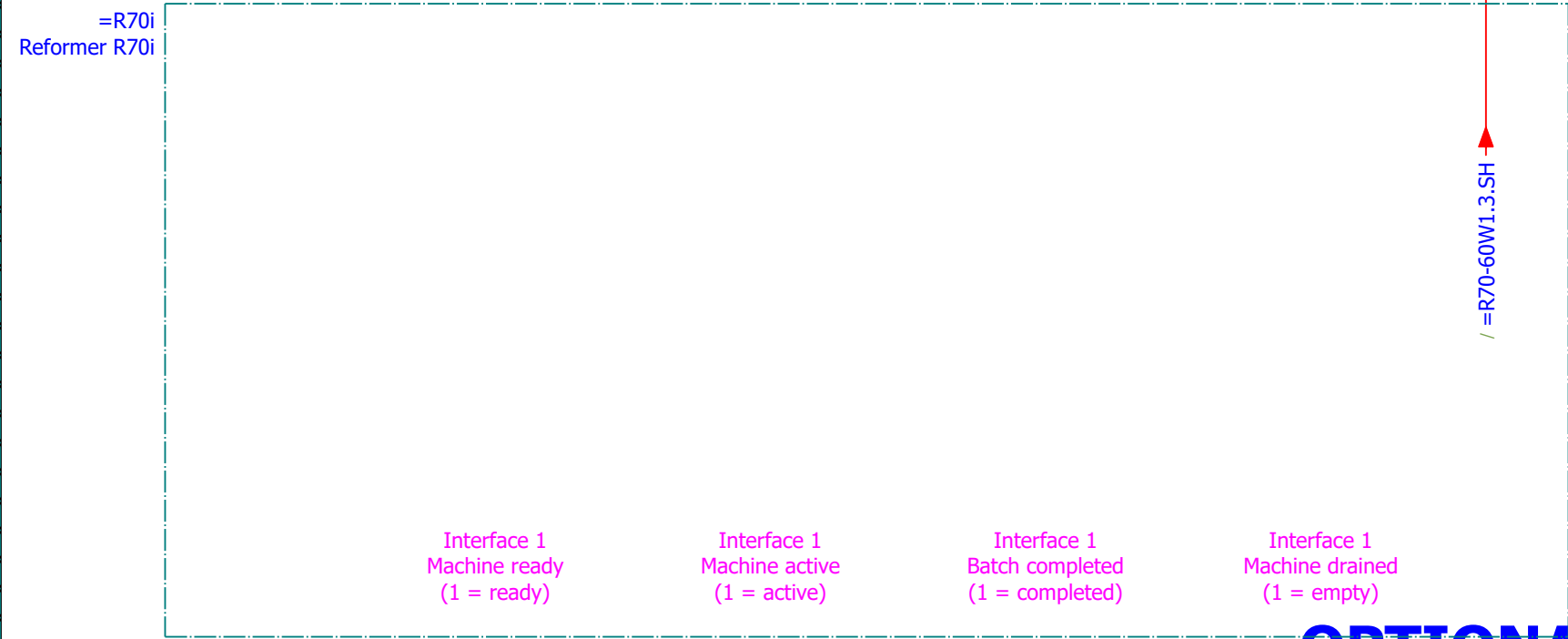
OPTIONAL

Interface 1 External Start / Stop (1 = start) (0 = Stop after end of cycle)	Interface 1 Drain Machine (1 = drain)	Interface 1 next batch (1 = next)	Interface 1 additional start condition (1 = approval)	Spare	Spare	Spare	Spare
				-66X1:7	-66X1:8	-66X1:9	-66X1:10
I2.0	I2.1	I2.2	I2.3	I2.4	I2.5	I2.6	I2.7
/52.1	/52.1	/52.1	/52.1	/52.1	/52.1	/52.1	/52.1
-50KF25	-50KF25	-50KF25	-50KF25	-50KF25	-50KF25	-50KF25	-50KF25
DI0	DI1	DI2	DI3	DI4	DI5	DI6	DI7

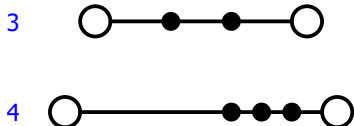




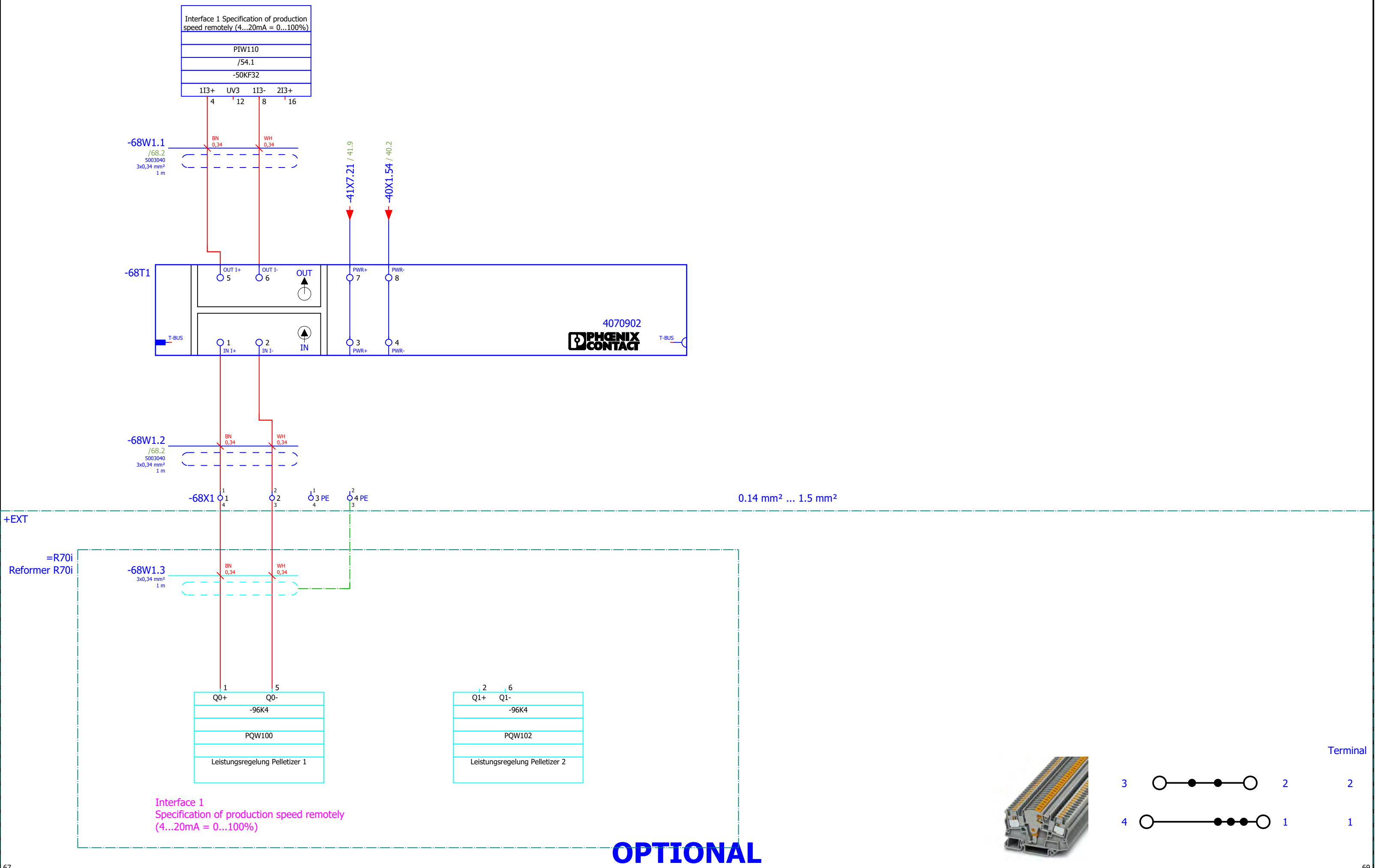
+EXT

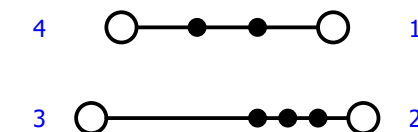


OPTIONAL

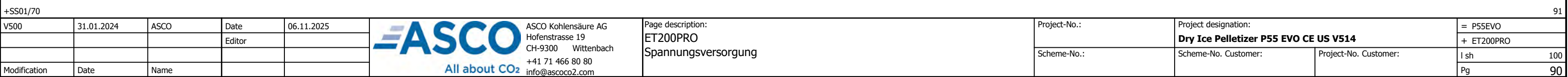


Terminal





+ET200PRO/90

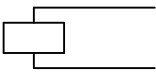




-91KF121
/91.4
6ES7142-4BD00-0AA0
6ES7194-4CA00-0AA0

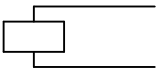
ET200PRO
4 DO DC 24V 2,0 A Standard

SIEMENS



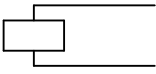
X1:3
IM
Q100.0
X1:4
DQ0
X1:5
FE

+TEIL1/130.1
+TEIL1/130.1 +TEIL1-130X1
+TEIL1/130.1
Plant part 1 CO2 valve 1
Plant part 1 CO2 valve 1
Plant part 1 CO2 valve 1



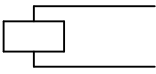
X2:3
IM
Q100.1
X2:4
DQ1
X2:5
FE

+TEIL1/130.3
+TEIL1/130.3 +TEIL1-130X3
+TEIL1/130.3
Plant part 1 CO2 valve 2
Plant part 1 CO2 valve 2
Plant part 1 CO2 valve 2



X3:3
IM
Q100.2
X3:4
DQ2
X3:5
FE

+TEIL1/130.6
+TEIL1/130.6 +TEIL1-130Y5:A1
+TEIL1/130.6
Plant part 1 valve forward
Plant part 1 valve forward
Plant part 1 valve forward



X4:3
IM
Q100.3
X4:4
DQ3
X4:5
FE

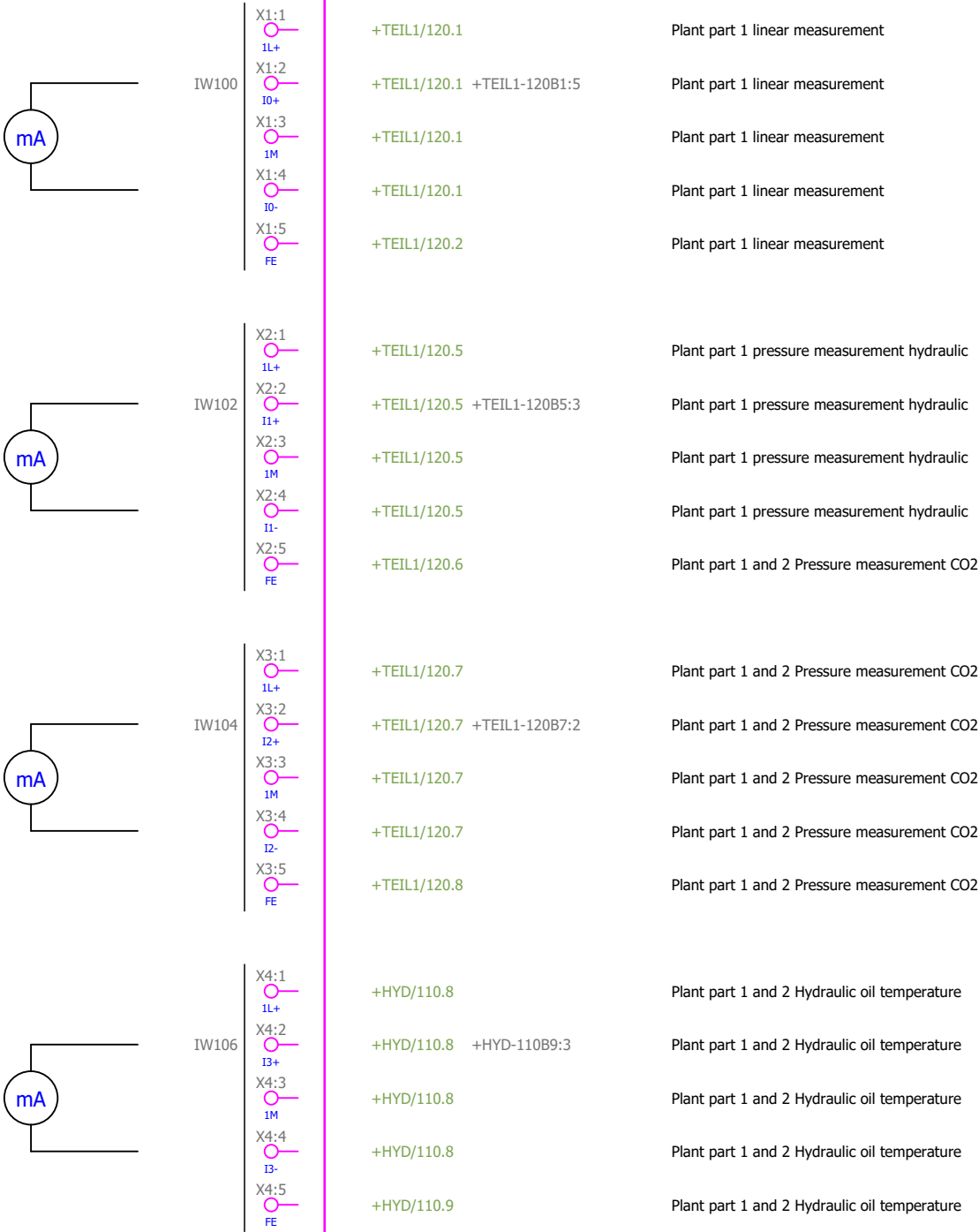
+TEIL1/130.8
+TEIL1/130.8 +TEIL1-130Y7:A1
+TEIL1/130.8
Plant part 1 valve backward
Plant part 1 valve backward
Plant part 1 valve backward

6ES7142-4BD00-0AA0
+ CM IO 4 x M12

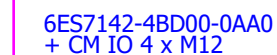
-91KF131
/91.5
6ES7144-4GF01-0AB0
6ES7194-4CA00-0AA0

ET200PRO
4 AI I HF

SIEMENS



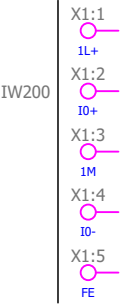
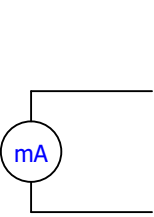
6ES7144-4GF01-0AB0
+ CM IO 4 x M12



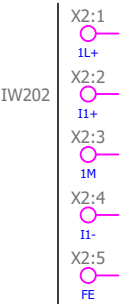
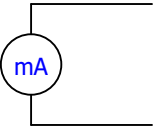
-91KF231
/91.9
6ES7144-4GF01-0AB0
6ES7194-4CA00-0AA0

ET200PRO
4 AI I HF

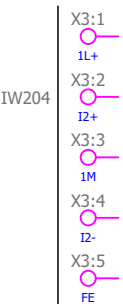
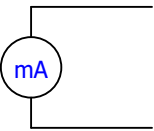
SIEMENS



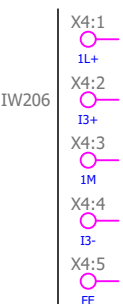
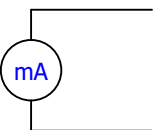
- +TEIL2/220.1 Plant part 2 linear measurement
- +TEIL2/220.1 +TEIL2-220B1:5 Plant part 2 linear measurement
- +TEIL2/220.1 Plant part 2 linear measurement
- +TEIL2/220.1 Plant part 2 linear measurement
- +TEIL2/220.2 Plant part 2 linear measurement



- +TEIL2/220.5 Plant part 2 pressure measurement hydraulic
- +TEIL2/220.5 +TEIL2-220B5:3 Plant part 2 pressure measurement hydraulic
- +TEIL2/220.5 Plant part 2 pressure measurement hydraulic
- +TEIL2/220.5 Plant part 2 pressure measurement hydraulic
- +TEIL2/220.6 Plant part 2 pressure measurement hydraulic



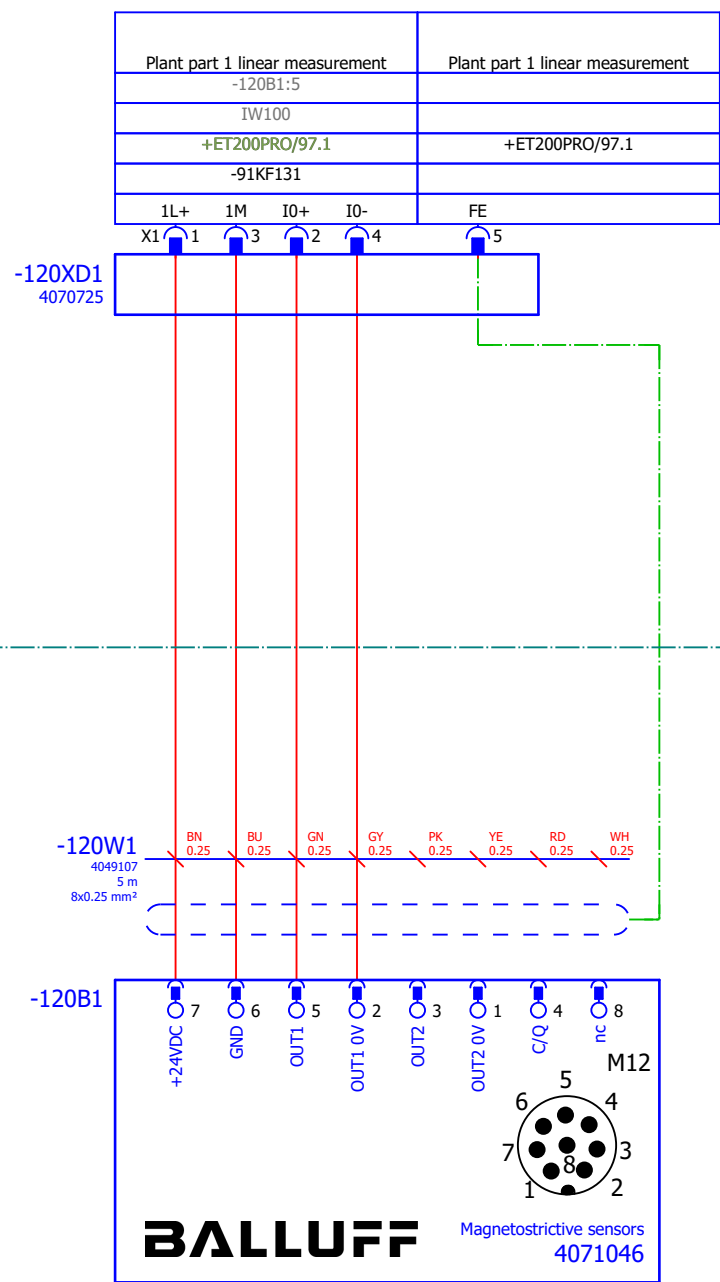
- X3:1
- X3:2
- X3:3
- X3:4
- X3:5



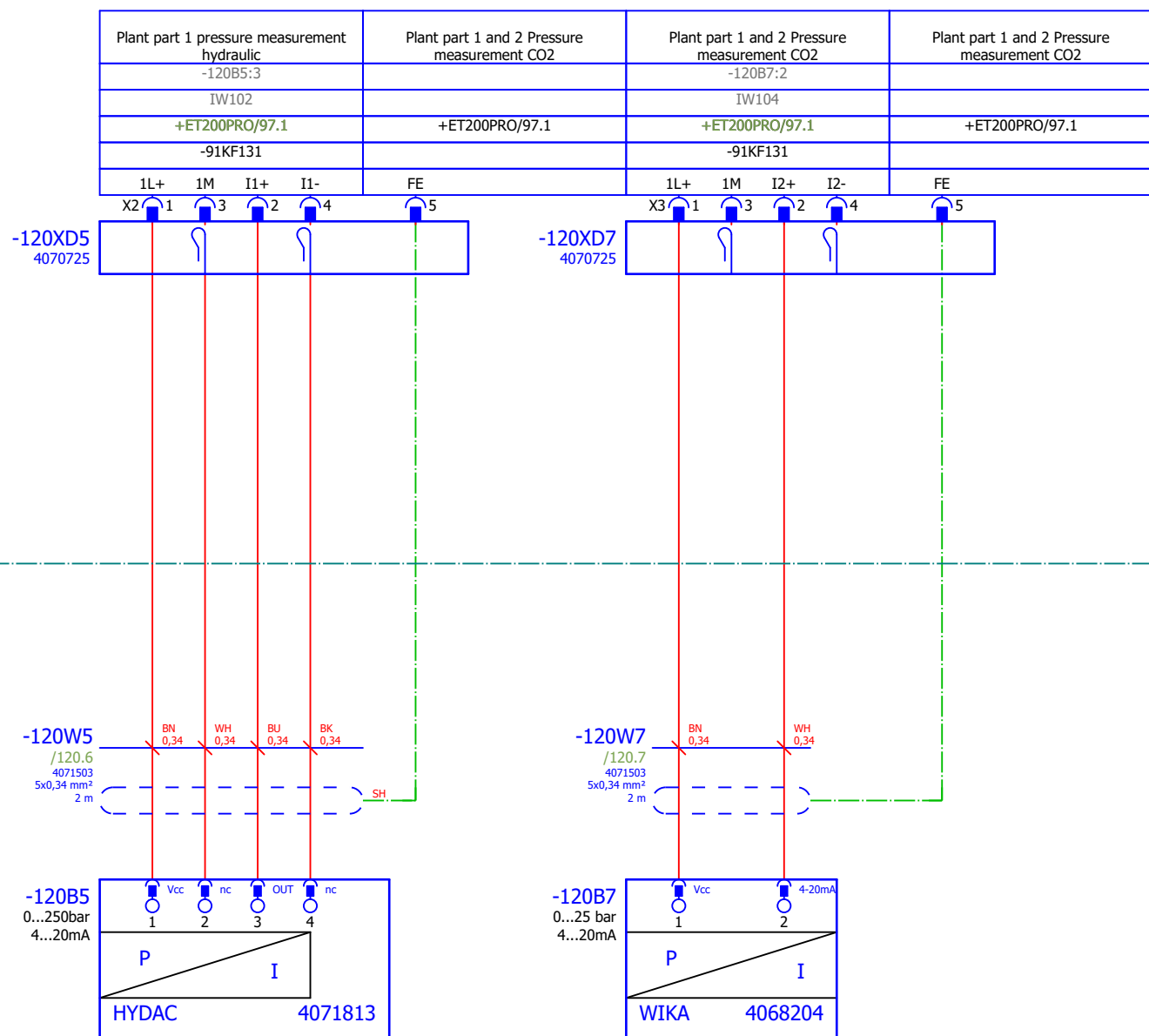
- X4:1
- X4:2
- X4:3
- X4:4
- X4:5

6ES7144-4GF01-0AB0
+ CM IO 4 x M12

+ET200PRO



Plant part 1
linear measurement



Plant part 1
pressure measurement hydraulic

Plant part 1 and 2
Pressure measurement CO2

+HYD/110

V500	31.01.2024	ASCO	Date	06.11.2025
			Editor	
Modification	Date	Name		

ASCO

All about CO2

ASCO Kohlensäure AG

Hofenstrasse 19

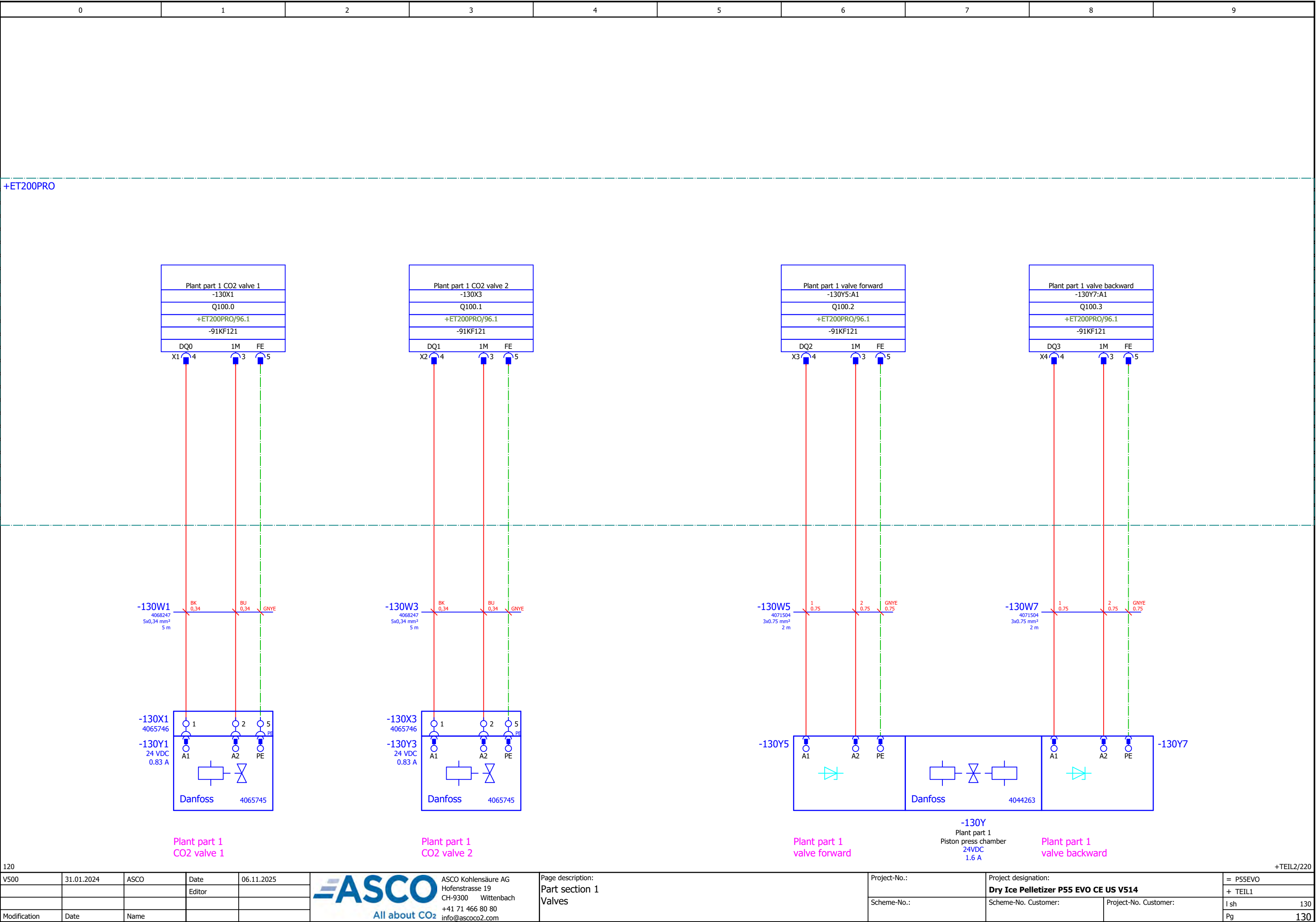
CH-9300 Wittenbach

+41 71 466 80 80

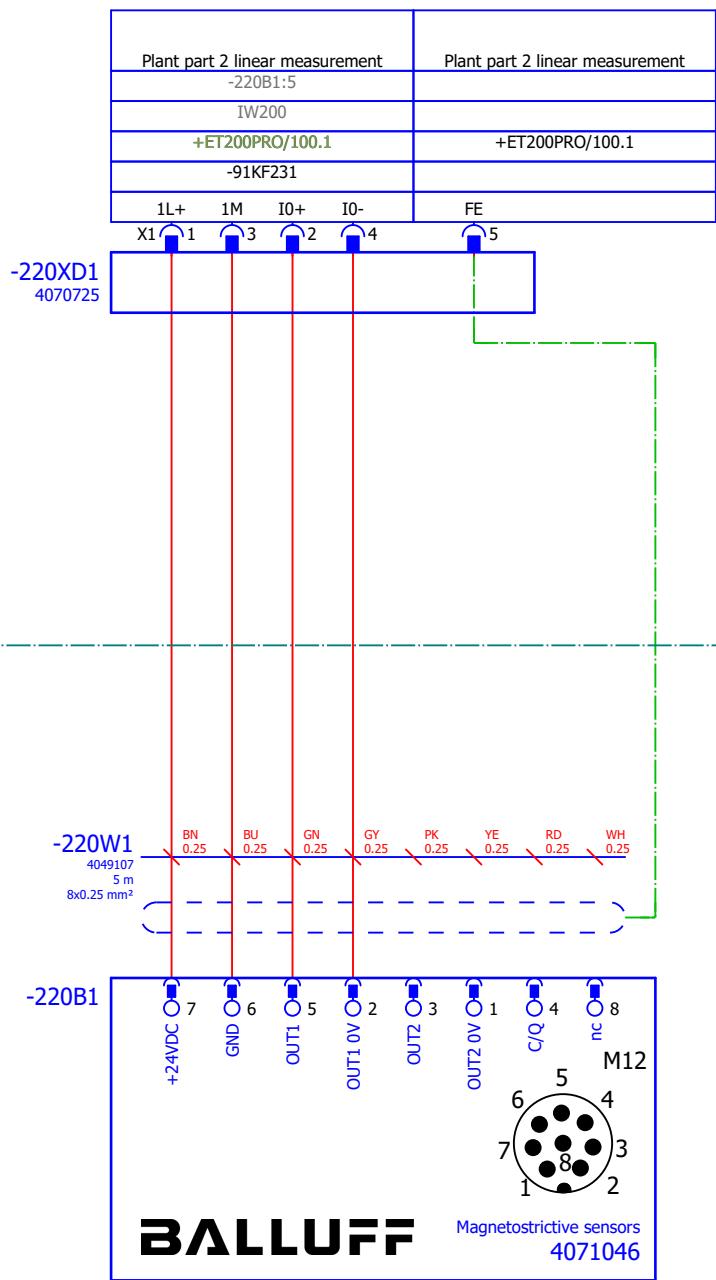
info@ascoco2.com

Page description:
System section 1
Analog sensors

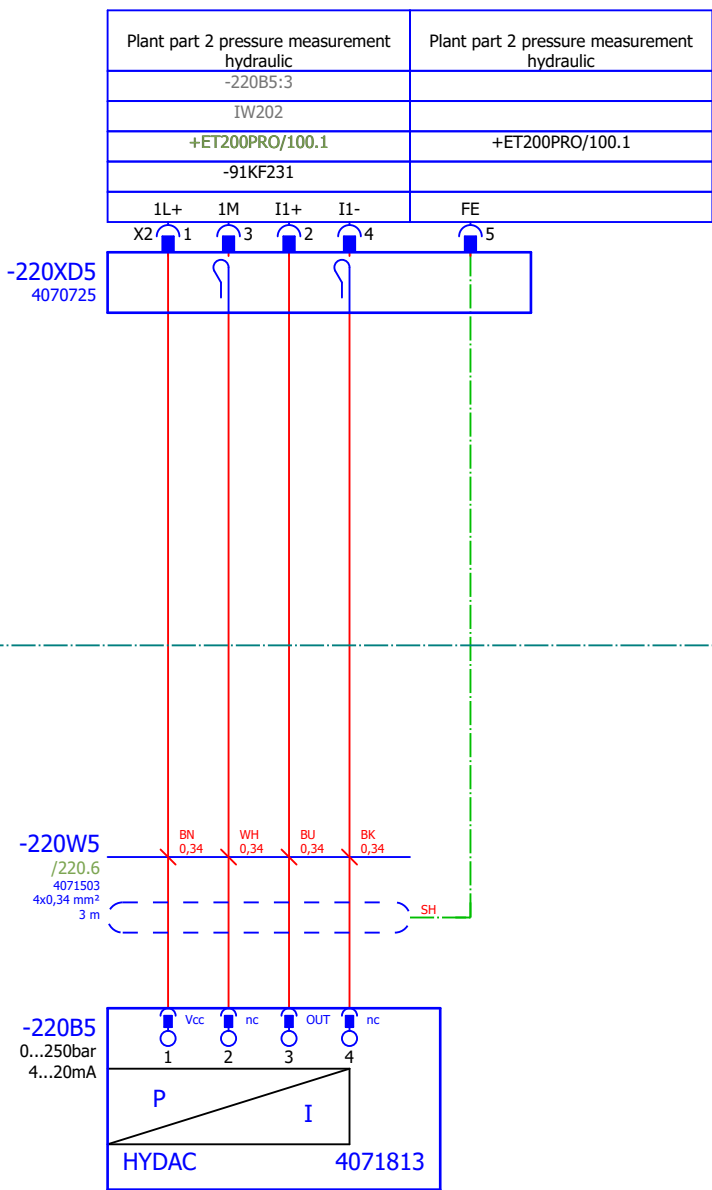
Project-No.:	Project designation:	= P55EVO
	Dry Ice Pelletizer P55 EVO CE US V514	+ TEIL1
Scheme-No.:	Scheme-No. Customer:	Project-No. Customer:
		I sh 130
		Pg 120



+ET200PRO



Plant part 2
linear measurement



Plant part 2
pressure measurement hydraulic

+TEIL1/130

V500	31.01.2024	ASCO	Date	06.11.2025
			Editor	
Modification	Date	Name		

ASCO

All about CO₂

ASCO Kohlensäure AG

Hofenstrasse 19

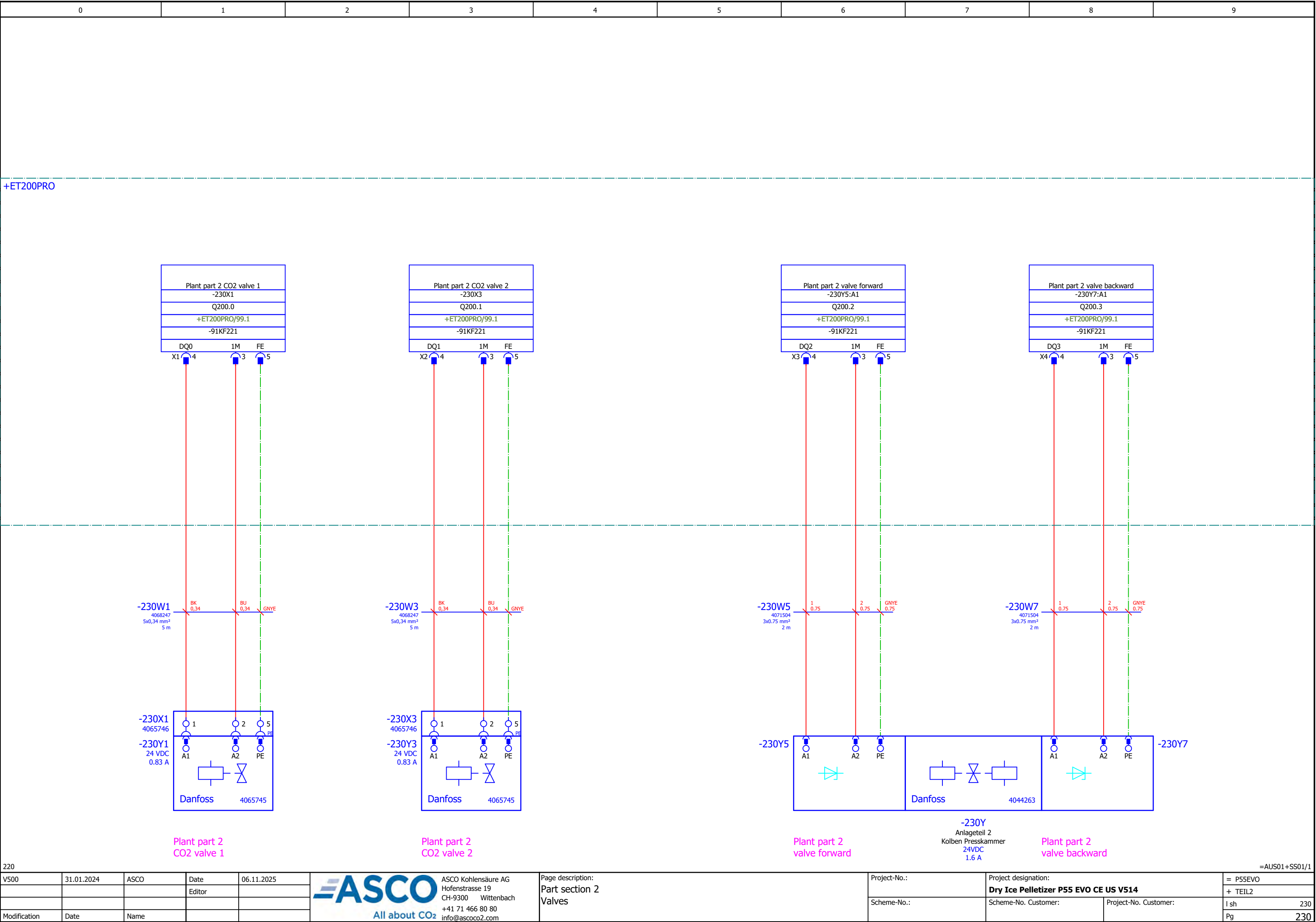
CH-9300 Wittenbach

+41 71 466 80 80

info@ascoco2.com

Page description:
System section 2
Analog sensors

Project-No.:	Project designation:	= P55EVO
	Dry Ice Pelletizer P55 EVO CE US V514	+ TEIL2
Scheme-No.:	Scheme-No. Customer:	I sh 230
	Project-No. Customer:	Pg 220



Parts list

Plant	Mounting location	Device	Quantity	Designation	Manufacturer	Part number	Page	Remarks
=P55EVO	+SS01	-10PE1	0				10	
=P55EVO	+SS01	-10Q5	1	CONTACTOR,AC3:18,5KW 1NO+1NC DC24V,UPRIG	Siemens	4071506	10	
=P55EVO	+SS01	-10Q5	1	SURGE SUPPRESSOR, VARISTOR,	Siemens	5003606	10	
=P55EVO	+SS01	-10Q5	1	AUX. SWITCH BLOCK , 4NO COND. PATHS: 1NO, 1NO,	Siemens	4065519	10	
=P55EVO	+SS01	-10Q6	1	CONTACTOR,AC3:18,5KW 1NO+1NC DC24V,UPRIG	Siemens	4071506	10	
=P55EVO	+SS01	-10Q6	1	SURGE SUPPRESSOR, VARISTOR,	Siemens	5003606	10	
=P55EVO	+SS01	-10Q6	1	AUX. SWITCH BLOCK , 4NO COND. PATHS: 1NO, 1NO,	Siemens	4065519	10	
=P55EVO	+SS01	-10X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-10X1	1	End and partition plate for terminal block	Phoenix Contact	5003672		
=P55EVO	+SS01	-10X1	0				6.4	
=P55EVO	+SS01	-10X1	1	Ground terminal block	Phoenix Contact	4070105	10	
=P55EVO	+SS01	-10X1	1	End and partition plate for terminal block	Phoenix Contact	4070104	10	
=P55EVO	+SS01	-10X1	3	Ground terminal block	Phoenix Contact	5003671	10	
=P55EVO	+SS01	-10XD0	1	3-PHASE INFEED TERMINAL SZ S0/S00	Siemens	5003622	10	
=P55EVO	+SS01	-10XD3	1	Verdrahtungsbaustein unten für Schützkombination Baugröße S0	Siemens	4071480	10	
=P55EVO	+SS01	-15Q1	1	CIRCUIT-BREAKER SCREW CONNECTION 12.5A	Siemens	4044259	15	
=P55EVO	+SS01	-15Q1	1	TRANSVERSE AUX. SWITCH, 1NO+1NC, SCREW CONNECTION	Siemens	4064461	15	
=P55EVO	+SS01	-15Q2	1	SIRIUS SANFTSTARTER, S00,12.5A, 5,5KW/400V, 40GRAD, AC 200-480V, AC/DC 24V	Siemens	4070899	15	
=P55EVO	+SS01	-15X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-15X1	1	End and partition plate for terminal block	Phoenix Contact	5003670		
=P55EVO	+SS01	-15X1	0				6.4	
=P55EVO	+SS01	-15X1	1	Multi-level terminal block	Phoenix Contact	5003669	15	
=P55EVO	+SS01	-15XD0	1	3-PHASE INFEED TERMINAL SZ S0/S00	Siemens	5003622	15	
=P55EVO	+SS01	-15XD1	1	LINK MODULE 3RV2.1-3RT2.1,3RV2.2-3RT2.2	Siemens	5003673	15	
=P55EVO	+SS01	-15XD6	1	3-PHASE BUSBARS	Siemens	5003732	15	
=P55EVO	+SS01	-16Q1	1	CIRCUIT-BREAKER SCREW CONNECTION 0.32A	Siemens	4071000	16	
=P55EVO	+SS01	-16Q1	1	TRANSVERSE AUX. SWITCH, 1NO+1NC, SCREW CONNECTION	Siemens	4064461	16	
=P55EVO	+SS01	-16Q5	1	CONTACTOR,AC3:3KW 1NC DC24V	Siemens	4070997	16	

=P55EVO+TEIL2/2301.1

Parts list

Plant	Mounting location	Device	Quantity	Designation	Manufacturer	Part number	Page	Remarks
=P55EVO	+SS01	-16Q5	1	SURGE SUPPRESSOR, VARISTOR,	Siemens	4044411	16	
=P55EVO	+SS01	-16X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-16X1	1	End and partition plate for terminal block	Phoenix Contact	5003670		
=P55EVO	+SS01	-16X1	0				6.4	
=P55EVO	+SS01	-16X1	1	Multi-level terminal block	Phoenix Contact	5003669	16	
=P55EVO	+SS01	-16X1	1	Feed-through terminal block	Phoenix Contact	4067865	16	
=P55EVO	+SS01	-16XD1	1	LINK MODULE F.3RV S00/S0, 3RT S00	Siemens	4065520	16	
=P55EVO	+SS01	-25Q1	1	CIRCUIT-BREAKER SCREW CONNECTION 12.5A	Siemens	4044259	25	
=P55EVO	+SS01	-25Q1	1	TRANSVERSE AUX. SWITCH, 1NO+1NC, SCREW CONNECTION	Siemens	4064461	25	
=P55EVO	+SS01	-25Q2	1	SIRIUS SANFTSTARTER, S00,12.5A, 5,5KW/400V, 40GRAD, AC 200-480V, AC/DC 24V	Siemens	4070899	25	
=P55EVO	+SS01	-25X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-25X1	1	End and partition plate for terminal block	Phoenix Contact	5003670		
=P55EVO	+SS01	-25X1	0				6.4	
=P55EVO	+SS01	-25X1	1	Multi-level terminal block	Phoenix Contact	5003669	25	
=P55EVO	+SS01	-25XD1	1	LINK MODULE 3RV2.1-3RT2.1,3RV2.2-3RT2.2	Siemens	5003673	25	
=P55EVO	+SS01	-26Q1	1	CIRCUIT-BREAKER SCREW CONNECTION 0.32A	Siemens	4071000	26	
=P55EVO	+SS01	-26Q1	1	TRANSVERSE AUX. SWITCH, 1NO+1NC, SCREW CONNECTION	Siemens	4064461	26	
=P55EVO	+SS01	-26Q5	1	CONTACTOR,AC3:3KW 1NC DC24V	Siemens	4070997	26	
=P55EVO	+SS01	-26Q5	1	SURGE SUPPRESSOR, VARISTOR,	Siemens	4044411	26	
=P55EVO	+SS01	-26X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-26X1	1	End and partition plate for terminal block	Phoenix Contact	5003670		
=P55EVO	+SS01	-26X1	0				6.4	
=P55EVO	+SS01	-26X1	1	Multi-level terminal block	Phoenix Contact	5003669	26	
=P55EVO	+SS01	-26X1	1	Feed-through terminal block	Phoenix Contact	4067865	26	
=P55EVO	+SS01	-26XD1	1	LINK MODULE F.3RV S00/S0, 3RT S00	Siemens	4065520	26	
=P55EVO	+SS01	-40F1	1	CIRCUIT BREAKER 10KA, 3POLE, C, 6A	Siemens	4068673	40	
=P55EVO	+SS01	-40G1	1	Stromversorgung, 3-phasig	Lütze	4068174	40	
=P55EVO	+SS01	-40X1	1	End and partition plate for terminal block	Phoenix Contact	4067867	40	

Parts list

Plant	Mounting location	Device	Quantity	Designation	Manufacturer	Part number	Page	Remarks
=P55EVO	+SS01	-40X1	0				6.4	
=P55EVO	+SS01	-40X1	10	Feed-through terminal block	Phoenix Contact	4070909	40	
=P55EVO	+SS01	-40XT5	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-40XT5	1	End and partition plate for terminal block	Phoenix Contact	4070910		
=P55EVO	+SS01	-40XT5	1	End and partition plate for terminal block	Phoenix Contact	5003672		
=P55EVO	+SS01	-40XT5	0				6.4	
=P55EVO	+SS01	-40XT5	1	Disconnect and test disconnect rail-mount terminal block	Phoenix Contact	4070911	40	
=P55EVO	+SS01	-40XT5	1	Ground terminal block	Phoenix Contact	5003671	40	
=P55EVO	+SS01	-41F1	1	Electronic device circuit breaker	Phoenix Contact	4065857	41	
=P55EVO	+SS01	-41F3	1	Electronic device circuit breaker	Phoenix Contact	4065857	41	
=P55EVO	+SS01	-41F5	1	Electronic device circuit breaker	Phoenix Contact	4065857	41	
=P55EVO	+SS01	-41F6	1	Electronic device circuit breaker	Phoenix Contact	4065857	41	
=P55EVO	+SS01	-41F7	1	Electronic device circuit breaker	Phoenix Contact	4065857	41	
=P55EVO	+SS01	-41U0	1	Cross-connector for terminal block	Phoenix Contact	4071001		
=P55EVO	+SS01	-41X1	1	End bracket for terminal block	WAGO	4067670	41	
=P55EVO	+SS01	-41X1	1	End and partition plate for terminal block	Phoenix Contact	4067867	41	
=P55EVO	+SS01	-41X1	1	Cross-connector for terminal block	Phoenix Contact	4070908	41	
=P55EVO	+SS01	-41X1	0				6.4	
=P55EVO	+SS01	-41X1	3	Feed-through terminal block	Phoenix Contact	4070909	41	
=P55EVO	+SS01	-41X3	1	End and partition plate for terminal block	Phoenix Contact	4067867	41	
=P55EVO	+SS01	-41X3	1	Cross-connector for terminal block	Phoenix Contact	4070908	41	
=P55EVO	+SS01	-41X3	0				6.4	
=P55EVO	+SS01	-41X3	4	Feed-through terminal block	Phoenix Contact	4070909	41	
=P55EVO	+SS01	-41X5	1	End and partition plate for terminal block	Phoenix Contact	4067867	41	
=P55EVO	+SS01	-41X5	1	Cross-connector for terminal block	Phoenix Contact	4070908	41	
=P55EVO	+SS01	-41X5	0				6.4	
=P55EVO	+SS01	-41X5	2	Feed-through terminal block	Phoenix Contact	4070909	41	
=P55EVO	+SS01	-41X6	1	End and partition plate for terminal block	Phoenix Contact	4067867	41	

Parts list

Plant	Mounting location	Device	Quantity	Designation	Manufacturer	Part number	Page	Remarks
=P55EVO	+SS01	-41X6	1	Cross-connector for terminal block	Phoenix Contact	4070908	41	
=P55EVO	+SS01	-41X6	0				6.4	
=P55EVO	+SS01	-41X6	3	Feed-through terminal block	Phoenix Contact	4070909	41	
=P55EVO	+SS01	-41X7	1	End and partition plate for terminal block	Phoenix Contact	4067867	41	
=P55EVO	+SS01	-41X7	1	Cross-connector for terminal block	Phoenix Contact	4070908	41	
=P55EVO	+SS01	-41X7	0				6.4	
=P55EVO	+SS01	-41X7	3	Feed-through terminal block	Phoenix Contact	4070909	41	
=P55EVO	+SS01	-50A2	1	ET 200SP, BA 2XRJ45	Siemens	4068181	50	
=P55EVO	+SS01	-50A3	1	SIMATIC S7 Memory card 24 MB For S7-1x00 CPU	Siemens	4068182	50	
=P55EVO	+SS01	-50KF11	1	CPU 1512SP F-1 PN, 600KB Prog., 2MB Data	Siemens	4068180	50	
=P55EVO	+SS01	-50KF11	1	ET200SP, SERVERMODULE	Siemens		50	
=P55EVO	+SS01	-50KF21	1	SIMATIC ET 200SP DI 16x 24V DC ST, PU 1	Siemens	4070341	50	
=P55EVO	+SS01	-50KF21	1	SIMATIC ET 200SP BU type A0 BU15-P16+A0+2D	Siemens	4068190	50	
=P55EVO	+SS01	-50KF25	1	SIMATIC ET 200SP DI 16x 24V DC ST, PU 1	Siemens	4070341	50	
=P55EVO	+SS01	-50KF25	1	SIMATIC ET 200SP BU type A0 BU15-P16+A0+2B	Siemens	4068191	50	
=P55EVO	+SS01	-50KF32	1	SIMATIC ET 200SP AI 4xI 2-/4-wire ST	Siemens	4070340	50	
=P55EVO	+SS01	-50KF32	1	SIMATIC ET 200SP BU type A0 BU15-P16+A0+2B	Siemens	4068191	50	
=P55EVO	+SS01	-50KF41	1	SIMATIC ET 200SP DQ 16x24 VDC/0.5 A ST	Siemens	4070342	50	
=P55EVO	+SS01	-50KF41	1	SIMATIC ET 200SP BU type A0 BU15-P16+A0+2D	Siemens	4068190	50	
=P55EVO	+SS01	-50KF51	1	SIMATIC ET 200SP F-PM-E 24 V DC/8 A PPM ST	Siemens	4068188	50	
=P55EVO	+SS01	-50KF51	1	SIMATIC ET 200SP BU type C0 BU20-P6+A2+4D PU 1	Siemens	4068193	50	
=P55EVO	+SS01	-50KF52	1	SIMATIC ET 200SP DQ 8x24VDC/0.5A ST	Siemens	4068185	50	
=P55EVO	+SS01	-50KF52	1	SIMATIC ET 200SP BU type A0 BU15-P16+A0+2B	Siemens	4068191	50	
=P55EVO	+SS01	-60W2	1	Patch-Kabel LAN RJ45	GIGAMEDIA	4067623	60	
=P55EVO	+SS01	-61TF6	0				61	
=P55EVO	+SS01	-61TF8	0				61	
=P55EVO	+SS01	-61U7	1	Fernwartungsmodul	EWON	4066996	61	
=P55EVO	+SS01	-61U7	1	GSM Modul für Fernwartung	EWON	4070388_1	61	

Parts list

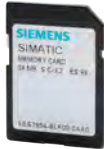
Plant	Mounting location	Device	Quantity	Designation	Manufacturer	Part number	Page	Remarks
=P55EVO	+SS01	-61U7	1	WLAN module for remote maintenance	EWON	4066997	61	
=P55EVO	+SS01	-61W5	1	Patch-Kabel LAN RJ45	GIGAMEDIA	4067312	61	
=P55EVO	+SS01	-61W6	1	Kabel zur WLAN Antenne 2m	EWON	4067196	61	
=P55EVO	+SS01	-61W8	1	Kabel zur 4G Antenne 3m	EWON		61	
=P55EVO	+SS01	-63W2.1	1	Assembled sensor actuator-line	Murrelektronik	4071269	63	
=P55EVO	+SS01	-63X2	0				63	
=P55EVO	+SS01	-65X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-65X1	2	End and partition plate for terminal block	Phoenix Contact	4067867		
=P55EVO	+SS01	-65X1	0				6.4	
=P55EVO	+SS01	-65X1	4	Feed-through terminal block	Phoenix Contact	4067865	65	
=P55EVO	+SS01	-65X1	1	Ground terminal block	Phoenix Contact	4067866	65	
=P55EVO	+SS01	-66X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-66X1	1	End and partition plate for terminal block	Phoenix Contact	4067867		
=P55EVO	+SS01	-66X1	0				6.4	
=P55EVO	+SS01	-66X1	8	Feed-through terminal block	Phoenix Contact	4067865	66;67	
=P55EVO	+SS01	-66X1	1	Ground terminal block	Phoenix Contact	4067866	67	
=P55EVO	+SS01	-67K1	1	Coupling relay, 1 changeover contact, 6A, 250VAC	Finder	4071963	67	
=P55EVO	+SS01	-67K1	1	Socket, 12...24VDC, 1 Pole 6A, screw terminal	Finder	4044331	67	
=P55EVO	+SS01	-67K2	1	Coupling relay, 1 changeover contact, 6A, 250VAC	Finder	4071963	67	
=P55EVO	+SS01	-67K2	1	Socket, 12...24VDC, 1 Pole 6A, screw terminal	Finder	4044331	67	
=P55EVO	+SS01	-67K3	1	Coupling relay, 1 changeover contact, 6A, 250VAC	Finder	4071963	67	
=P55EVO	+SS01	-67K3	1	Socket, 12...24VDC, 1 Pole 6A, screw terminal	Finder	4044331	67	
=P55EVO	+SS01	-67K4	1	Coupling relay, 1 changeover contact, 6A, 250VAC	Finder	4071963	67	
=P55EVO	+SS01	-67K4	1	Socket, 12...24VDC, 1 Pole 6A, screw terminal	Finder	4044331	67	
=P55EVO	+SS01	-68T1	1	Signal conditioner	Phoenix Contact	4070902	68	
=P55EVO	+SS01	-68W1.1	1	UL approved PVC Electronic cable LIY(C)Y (3×0,34) GY	Lütze	5003040	68	
=P55EVO	+SS01	-68W1.2	1	UL approved PVC Electronic cable LIY(C)Y (3×0,34) GY	Lütze	5003040	68	
=P55EVO	+SS01	-68X1	1	End and partition plate for terminal block	Phoenix Contact	4067867		

Parts list

Plant	Mounting location	Device	Quantity	Designation	Manufacturer	Part number	Page	Remarks
=P55EVO	+SS01	-68X1	1	Feed-through terminal block	Phoenix Contact	4067865	68	
=P55EVO	+SS01	-68X1	1	Ground terminal block	Phoenix Contact	4067866	68	
=P55EVO	+SS01	-69SH2	1	Shield connection terminal	Weidmueller	4047811	69	
=P55EVO	+SS01	-69W3	1	UL approved PVC Electronic cable LIY(C)Y (3×0,34) GY	Lütze	5003040	69	
=P55EVO	+SS01	-69X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-69X1	1	End and partition plate for terminal block	Phoenix Contact	4067867		
=P55EVO	+SS01	-69X1	0				6.4	
=P55EVO	+SS01	-69X1	4	Feed-through terminal block	Phoenix Contact	4067865	69	
=P55EVO	+SS01	-69X1	1	Ground terminal block	Phoenix Contact	4067866	69	
=P55EVO	+SS01	-70K1	1	Relay interface module	Finder	4063743	70	
=P55EVO	+SS01	-70K1	1	Socket, 12...24VDC, 1 Pole 6A, screw terminal	Finder	4044331	6.4	
=P55EVO	+SS01	-70X1	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-70X1	1	End and partition plate for terminal block	Phoenix Contact	4067867		
=P55EVO	+SS01	-70X1	0				6.4	
=P55EVO	+SS01	-70X1	2	Feed-through terminal block	Phoenix Contact	4067865	70	
=P55EVO	+SS01	-70X1	1	Ground terminal block	Phoenix Contact	4067866	70	
=P55EVO	+SS01	-90X2	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-90X2	1	End and partition plate for terminal block	Phoenix Contact	4067867		
=P55EVO	+SS01	-90X2	0				6.4	
=P55EVO	+SS01	-90X2	1	Feed-through terminal block	Phoenix Contact	4070909	90	
=P55EVO	+SS01	-90X2	1	Feed-through terminal block	Phoenix Contact	4067865	90	
=P55EVO	+SS01	-90X2	1	Ground terminal block	Phoenix Contact	4067866	90	
=P55EVO	+SS01	-90X7	1	End bracket for terminal block	WAGO	4067670		
=P55EVO	+SS01	-90X7	1	End and partition plate for terminal block	Phoenix Contact	4067867		
=P55EVO	+SS01	-90X7	0				6.4	
=P55EVO	+SS01	-90X7	1	Feed-through terminal block	Phoenix Contact	4070909	90	
=P55EVO	+SS01	-90X7	1	Feed-through terminal block	Phoenix Contact	4067865	90	
=P55EVO	+SS01	-90X7	1	Ground terminal block	Phoenix Contact	4067866	90	

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4068181	1	ET 200SP, BA 2XRJ45 SIMATIC DP, ET 200SP			
4068182	1	SIMATIC S7 Memory card 24 MB For S7-1x00 CPU Memory card			
4068673	1	CIRCUIT BREAKER 10KA, 3POLE, C, 6A ACC. TO UL 489 - 480Y/277V			
4065857	5	Electronic device circuit breaker			
4068174	1	Stromversorgung, 3-phasig 400-500VAC , 24VDC 20A , 480W			
4071963	4	Coupling relay, 1 changeover contact, 6A, 250VAC Modular interface relay, screw terminal - 1 pole, 6 A - AC (50/60 Hz)/DC - 24 V			
4044331	5	Socket, 12...24VDC, 1 Pole 6A, screw terminal			
4063743	1	Relay interface module Modular interface relay, screw terminal - 1 pole, 6 A - AC (50/60 Hz)/DC - 24 V			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4068180	1	CPU 1512SP F-1 PN, 600KB Prog., 2MB Data SIMATIC ET 200SP Central processing unit			
	1	ET200SP, SERVERMODULE SIMATIC DP, ET 200SP			
4070341	2	SIMATIC ET 200SP DI 16x 24V DC ST, PU 1 Digital module input			
4068190	2	SIMATIC ET 200SP BU type A0 BU15-P16+A0+2D BaseUnit			
4068191	3	SIMATIC ET 200SP BU type A0 BU15-P16+A0+2B BaseUnit			
4070340	1	SIMATIC ET 200SP AI 4xI 2-/4-wire ST Analog module input			
4070342	1	SIMATIC ET 200SP DQ 16x24 VDC/0.5 A ST Digital module output			
4068188	1	SIMATIC ET 200SP F-PM-E 24 V DC/8 A PPM ST Power module			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4068193	1	SIMATIC ET 200SP BU type C0 BU20-P6+A2+4D PU 1 BaseUnit			
4068185	1	SIMATIC ET 200SP DQ 8x24VDC/0.5A ST Digital module output			
	0				
4071506	2	CONTACTOR,AC3:18,5KW 1NO+1NC DC24V,UPRIG SIRIUS Power contactor			
5003606	2	SURGE SUPPRESSOR, VARISTOR, AC 24...48V, DC 24...70V, FOR MOTOR CONTACTORS SZ S0,			
4065519	2	AUX. SWITCH BLOCK , 4NO COND. PATHS: 1NO, 1NO, 1NO, 1NO F. CONT. RELAYS A. MOTOR CONT. SZ S00 AND S0, SCREW TERMINAL			
4044259	2	CIRCUIT-BREAKER SCREW CONNECTION 12.5A SIRIUS Circuit breaker			
4064461	4	TRANSVERSE AUX. SWITCH, 1NO+1NC, SCREW CONNECTION FOR CIRCUIT-BREAKERS, SZ S00/S0			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4070899	2	SIRIUS SANFTSTARTER, S00,12.5A, 5,5KW/400V, 40GRAD, AC 200-480V, AC/DC 24V SIRIUS soft starters for standard applications			
4071000	2	CIRCUIT-BREAKER SCREW CONNECTION 0.32A SIRIUS Circuit breaker			
4070997	2	CONTACTOR,AC3:3KW 1NC DC24V SIRIUS Power contactor			
4044411	2	SURGE SUPPRESSOR, VARISTOR, AC 24...48V, DC 24...70V, F. CONT. RELAYS A. MOTOR CONT. SZ S00,			
4047811	1	Shield connection terminal Shield connection terminal, Pitch, in mm: 14.00, Cable diameter, max.: 8 mm, Steel			
4070902	1	Signal conditioner			
4071001	1	Cross-connector for terminal block Plug-in bridge			
4066996	1	Fernwartungsmodul			

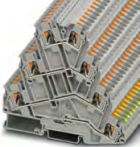
Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4070388_1	1	GSM Modul für Fernwartung 4G EU			
4066997	1	WLAN module for remote maintenance			
4067623	1	Patch-Kabel LAN RJ45 grün , 2m S/FTP Kat.6 LSOH			
4067312	1	Patch-Kabel LAN RJ45 grün , 1m S/FTP Kat.6 LSOH			
4067196	1	Kabel zur WLAN Antenne 2m			
	1	Kabel zur 4G Antenne 3m ???			
4071269	1	Assembled sensor actuator-line M12 Bu. 0° A-kod. freies Ltg-ende PVC 8x0.25 gr UL/CSA 1m			
5003040	3.00	UL approved PVC Electronic cable LIY(C)Y (3×0,34) GY			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4067670	13	End bracket for terminal block Screwless end stop, 10 mm wide, for DIN-rail 35 x 15 and 35 x 7.5			
5003672	2	End and partition plate for terminal block End cover			
4070105	1	Ground terminal block Ground terminal			
4070104	1	End and partition plate for terminal block End cover			
5003671	4	Ground terminal block Ground terminal			
5003670	4	End and partition plate for terminal block End cover			
5003669	4	Multi-level terminal block			
4067865	23	Feed-through terminal block Double-level terminal block			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4067867	14	End and partition plate for terminal block End cover			
4070909	27	Feed-through terminal block Double-level terminal block			
4070908	5	Cross-connector for terminal block Plug-in bridge			
4067866	7	Ground terminal block Protective conductor double-level terminal block			
5003622	2	3-PHASE INFEEED TERMINAL SZ S0/S00			
4071480	1	Verdrahtungsbaustein unten für Schützkombination Baugröße S0 ohne Abstand zwischen den Schützen, Schraubanschluss			
5003673	2	LINK MODULE 3RV2.1-3RT2.1,3RV2.2-3RT2.2 SIRIUS link module actuating voltage contactor: DC			
5003732	1	3-PHASE BUSBARS			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4065520	2	LINK MODULE F.3RV S00/S0, 3RT S00 SIRIUS link module for 3RV1.2 and 3RT101, for 3RV2.1/3RV2.2 and 3RT2.1			
4070910	1	End and partition plate for terminal block End cover			
4070911	1	Disconnect and test disconnect rail-mount terminal block Knife-disconnect terminal block			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4068214	1	SIMATIC HMI TP1200 COMFORT SIMATIC, HMI			
	0				
4068172	1	Disconnect switch 3-Pole, 40 A 600 V			
4071065	1	Main Switch Terminal Cover 3-pol ; 40/63A			
4063813	1	Handle for Front/Base Mounting, 67 x 67mm			
4063814	1	Shaft Extension			
4071240	1	ILLUMINATED PUSHBUTTON, BLUE SIRIUS ACT CIN20240911110240188284			
4071233	2	HOLDER SIRIUS ACT Holders Holder			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4071241	1	CONTACT MODULE 1NO SIRIUS ACT Contact module Contact module			
4071242	1	LED MODULE, BLUE SIRIUS ACT LED module LED module			
4071232	1	ILL. EM. STOP MUSHR. PUSHBUTTON,40MM,RED SIRIUS ACT EMERGENCY STOP mushroom pushbuttons Betätigungs-/Meldeelement			
4071237	2	CONTACT MODULE 1NC SIRIUS ACT Contact module Contact module			
4071238	1	LED MODULE, RED SIRIUS ACT LED module LED module			
4071239	1	EMERGENCY STOP BACKING PLATE, YELLOW SIRIUS ACT EMERGENCY STOP backing plate EMERGENCY STOP name plate			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4068196	1	ET 200pro, CM IM PN M12 7/8" S SIMATIC, ET 200pro			
4068194	1	ET 200pro, IM 154-3 PN HF SIMATIC, ET 200pro			
4071623	1	ET 200pro, CM PM-E 7/8" Connection module			
4071624	1	ET 200pro, PM-E 24V DC Power module			
4068198	1	ET 200pro, EM 8DI 24V DC SIMATIC, ET 200pro Digital module input			
4068202	5	ET 200pro, CM IO 4 x M12 Connection module			
4068199	2	ET 200pro, EM 4DO 24V DC/2.0A Digital module output			
4068200	2	ET 200pro, EM 4AI-I HF Analog module input			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
	0				
4070702	1	Power and control cables ???			
5003043	1.20	PVC control cable Multinorm 4G2,5 GY			
4071505	1	Interface extension with wall connection SZ Interface extension, with wallconnection, RJ 45, L: 2000 mm			
4071270	1	Assembled sensor actuator-line M12 male 0° A-cod. with cable PUR 8x0.25 gy UL/CSA+drag ch. 0.6m			
	1	PVC control cable Multinorm (12G1,5) GY			
4071263	1	ECO40 pipe base M20 400mm			
4071264	1	ECO40 LED continuous lighting module 24VAC/DC blue 24VAC/DC blue			

0	1	2	3	4	5	6	7	8	9
Summarized parts list									ASCO_F02_006
Order number	Quantity	Designation	Type number	Manufacturer	Image				
4071265	1	ECO40 LED continuous lighting module 24VAC/DC green 24VAC/DC green							
4071266	1	ECO40 LED continuous lighting module 24VAC/DC yellow 24VAC/DC yellow							
4071267	1	ECO40 LED continuous lighting module 24VAC/DC red 24VAC/DC red							
4071268	1	ECO40 LED continuous lighting module 24VAC/DC buzzer 24VAC/DC Buzzer							

1

V500	31.01.2024	ASCO	Date	06.11.2025	 ASCO Kohlenensäure AG Hofenstrasse 19 CH-9300 Wittenbach +41 71 466 80 80 info@ascoco2.com	Page description: Summarized parts list		Project-No.:	Project designation:		= AUS02
			Editor					Dry Ice Pelletizer P55 EVO CE US V514		+ EXT	
								Scheme-No.:			
Modification	Date	Name						Scheme-No. Customer:	Project-No. Customer:	I sh	1.1
										Pg	1.1

+HYD/1

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
	1	Levelsensor			
4071229	1	Temperaturmessung mit Umformer M12 4POL , 4...20mA , -25... +100C			
4071502	1	M12 St. 0° A-kod. / MSUD Ventilist. A-18mm PUR 5x0.34 sw UL/CSA+schleppk. 2m			
4071503	1	Assembled sensor actuator-line M12 male 0° / M12 female 0° A-cod. shielded PUR 5x0.34 shielded bk UL/CSA+drag ch. 2m			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4071046	1	Magnetostrictive sensors			
4071813	1	hydraulic pressure sensor 0...250bar ; 4...20mA			
4068204	1	Pressure transducer 0...25 bar , 4...20 mA M12 4pol			
	1	Lüfter für Ölkühler 400/460V , 50/60 Hz , 0140/0.152 kW , 61 dB			
5003568	5.00	PVC control cable Multinorm 7G0,5 GY			
4049107	1	Steckverbinder Vorkonfektioniert M12x1 8x0.25			
4071503	2	Assembled sensor actuator-line M12 male 0° / M12 female 0° A-cod. shielded PUR 5x0.34 shielded bk UL/CSA+drag ch. 2m			
4068247	2	Circular connector (industrial connector)			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4071504	2	M12 plug 0° A-code / MSUD valve plug A-18mm PUR 3x0.75 sw UL/CSA+schleppk. 2m			
4065746	2	Klemmdose Magnetventil IP67 , für Spule 18F			
4044263	1	Directional Valve 24VDC 38W			
4065745	2	Magnetventil 24V 20W			
	0				

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4071046	1	Magnetostrictive sensors			
4071813	1	hydraulic pressure sensor 0...250bar ; 4...20mA			
	0				
	1	Lüfter für Ölkühler 400/460V , 50/60 Hz , 0140/0.152 kW , 61 dB			
5003043	1.20	PVC control cable Multinorm 4G2,5 GY			
5003568	5.00	PVC control cable Multinorm 7G0,5 GY			
4049107	1	Steckverbinder Vorkonfektioniert M12x1 8x0.25			
4071503	1	Assembled sensor actuator-line M12 male 0° / M12 female 0° A-cod. shielded PUR 5x0.34 shielded bk UL/CSA+drag ch. 2m			

Summarized parts list

ASCO_F02_006

Order number	Quantity	Designation	Type number	Manufacturer	Image
4068247	2	Circular connector (industrial connector)			
4071504	2	M12 plug 0° A-code / MSUD valve plug A-18mm PUR 3x0.75 sw UL/CSA+schleppk. 2m			
4065746	2	Klemmdose Magnetventil IP67 , für Spule 18F			
4044263	1	Directional Valve 24VDC 38W			
4065745	2	Magnetventil 24V 20W			

Cable overview

ASCO_F10_001

Cable name	Source (from)	Target (to)	cable type	all conductors	Conductors used	Cross-section [mm²]	Length [m]	remark	Graphical page of cable diagram
=P55EVO+SS01-60W2	=P55EVO+SS01-50KF11	=P55EVO+DR-60A1	4068180	2x2x2	1	0.14	2		
	=P55EVO+SS01-50A2		4068181						
=P55EVO+SS01-61W5	=P55EVO+SS01-50A2	=P55EVO+SS01-61U7	4068181	2x2x2	1	0.14	1		
=P55EVO+SS01-61W6		=P55EVO+SS01-61U7			1		2		
=P55EVO+SS01-61W8		=P55EVO+SS01-61U7			1		3		
=P55EVO+SS01-63W2.1	=P55EVO+SS01-40X1	=P55EVO+SS01-63X2	4070909	8	7	0,25	1		
	=P55EVO+SS01-50KF41		4070342						
=P55EVO+SS01-68W1.1	=P55EVO+SS01-50KF32	=P55EVO+SS01-68T1	4070340	3	2	0,34	1		
=P55EVO+SS01-68W1.2	=P55EVO+SS01-68X1	=P55EVO+SS01-68T1	4067865	3	2	0,34	1		
=P55EVO+SS01-69W3	=P55EVO+SS01-69X1	=P55EVO+SS01-50KF32	4067865	3	2	0,34	1		
	=P55EVO+SS01-69SH2		4047811						
=P55EVO+ET200PRO-90W2	=P55EVO+SS01-90X2	=P55EVO+ET200PRO-91KF10	4070909	5	5	1.5	3		
=P55EVO+ET200PRO-90W7	=P55EVO+SS01-90X7	=P55EVO+ET200PRO-91KF12	4070909	5	5	1.5	3		
=P55EVO+ET200PRO-91W1	=P55EVO+SS01-50A2	=P55EVO+ET200PRO-91KF11	4068181	2x2	1	0.75	2		
	=P55EVO+SS01-50KF11		4068180						
=P55EVO+EXT-10W1	=P55EVO+SS01-10X1	PE	4070105	4	4	10		Power supply	
	=P55EVO+DR-10Q1	L1	4068172						
		L2							
		L3							
=P55EVO+EXT-15W1	=P55EVO+SS01-15X1	=P55EVO+EXT-15M1	5003669	4	4	2,5	1.2		
=P55EVO+EXT-61W9	=P55EVO+EXT-61X9	=P55EVO+SS01-61U7		8	0	0,25	2		
=P55EVO+EXT-63W2.2	=P55EVO+SS01-63X2	=P55EVO+EXT-63X1		8	7	0,25	0.6		
		=P55EVO+EXT-63X1-63P6							
=P55EVO+EXT-69W1	=P55EVO+SS01-69X1	=P55EVO+EXT-69A1	4067865	12	9	1,5			
=P55EVO+HYD-110W1	=P55EVO+ET200PRO-91KF11	=P55EVO+HYD-110B1	4068198	5	4	0.34	2		
=P55EVO+HYD-110W9	=P55EVO+ET200PRO-91KF13	=P55EVO+HYD-110B9	4068200	5	4	0,34	2		
	=P55EVO+ET200PRO-110XD9		4070725						
=P55EVO+TEIL1-16W1	=P55EVO+SS01-16X1	=P55EVO+TEIL1-16M1	5003669	7	6	0,5	5		
=P55EVO+TEIL1-120W1	=P55EVO+ET200PRO-91KF13	=P55EVO+TEIL1-120B1	4068200	8	4	0.25	5		
=P55EVO+TEIL1-120W5	=P55EVO+ET200PRO-91KF13	=P55EVO+TEIL1-120B5	4068200	5	4	0,34	2		
	=P55EVO+ET200PRO-120XD5		4070725						
=P55EVO+TEIL1-120W7	=P55EVO+ET200PRO-91KF13	=P55EVO+TEIL1-120B7	4068200	5	2	0,34	2		
=P55EVO+TEIL1-130W1	=P55EVO+ET200PRO-91KF12	=P55EVO+TEIL1-130X1	4068199	5	3	0,34	5		
=P55EVO+TEIL1-130W3	=P55EVO+ET200PRO-91KF12	=P55EVO+TEIL1-130X3	4068199	5	3	0,34	5		
=P55EVO+TEIL1-130W5	=P55EVO+ET200PRO-91KF12	=P55EVO+TEIL1-130Y5	4068199	3	3	0.75	2		
=P55EVO+TEIL1-130W7	=P55EVO+ET200PRO-91KF12	=P55EVO+TEIL1-130Y7	4068199	3	3	0.75	2		
=P55EVO+TEIL2-15W1	=P55EVO+SS01-25X1	=P55EVO+TEIL2-25M1	5003669	4	4	2,5	1.2		
=P55EVO+TEIL2-26W1	=P55EVO+SS01-26X1	=P55EVO+TEIL2-26M1	5003669	7	6	0,5	5		
=P55EVO+TEIL2-220W1	=P55EVO+ET200PRO-91KF23	=P55EVO+TEIL2-220B1	4068200	8	4	0.25	5		
=P55EVO+TEIL2-220W5	=P55EVO+ET200PRO-91KF23	=P55EVO+TEIL2-220B5	4068200	4	4	0,34	3		
	=P55EVO+ET200PRO-220XD5		4070725						
=P55EVO+TEIL2-230W1	=P55EVO+ET200PRO-91KF22	=P55EVO+TEIL2-230X1	4068199	5	3	0,34	5		
=P55EVO+TEIL2-230W3	=P55EVO+ET200PRO-91KF22	=P55EVO+TEIL2-230X3	4068199	5	3	0,34	5		
=P55EVO+TEIL2-230W5	=P55EVO+ET200PRO-91KF22	=P55EVO+TEIL2-230Y5	4068199	3	3	0.75	2		
=P55EVO+TEIL2-230W7	=P55EVO+ET200PRO-91KF22	=P55EVO+TEIL2-230Y7	4068199	3	3	0.75	2		

Terminal-strip overview

Terminal strip	Function text	Terminals					Terminal diagram page
		first	last	Total PE	Total N	Total number	
=P55EVO+SS01-10X1	Power supply	1	3	4	0	4	
=P55EVO+SS01-15X1	Hydraulic motor 1	1	4	1	0	1	
=P55EVO+SS01-16X1	Hydraulic motor 1 Fan	1	6	1	0	2	
=P55EVO+SS01-25X1	Hydraulic motor 2	1	4	1	0	1	
=P55EVO+SS01-26X1	Hydraulic motor 1 Fan	1	6	1	0	2	
=P55EVO+SS01-40X1	0VDC	1	10	0	0	10	
=P55EVO+SS01-41X1	24VDC 1	1	3	0	0	3	
=P55EVO+SS01-41X3	24VDC 2	1	4	0	0	4	
=P55EVO+SS01-41X5	24VDC 3	1	2	0	0	2	
=P55EVO+SS01-41X6	24VDC 4	1	3	0	0	3	
=P55EVO+SS01-41X7	24VDC 5	1	3	0	0	3	
=P55EVO+SS01-65X1	Interface 1 Emergency stop	1	10	2	0	5	
=P55EVO+SS01-66X1	Interface 1	1	18	2	0	9	
=P55EVO+SS01-68X1	=	1	4	2	0	2	
=P55EVO+SS01-69X1	Interface 1 ASCO CO2 detector	1	10	2	0	5	
=P55EVO+SS01-70X1	Interface 1 conveyor belt	1	6	2	0	3	
=P55EVO+SS01-90X2	ET200pro Power supply	1	6	2	0	3	
=P55EVO+SS01-90X7	ET200pro Power supply Machine part 2	1	6	2	0	3	
=P55EVO+SS01-40XT5	Power supply unit Disconnect terminal	1	2	1	0	2	

=AUS04/1

HYDRAULIC

