

mailto:

Phone:
Fax:

Plant designation

FMCP Panel

Customer order no.

SAP CUSTOMER ORDER NO

Festo order number

Project no.

CA_CS.2160550



Customer

Name

ROBOTIQ INC.

Plant

Street

966 CHEMIN OLIVIER, SUITE #500

Code postal: / location

G7A 2N1 LÉVIS

Type of project

Project type

Responsible for project

LOP / ZFA

Project name

CA_CS2160550-Robotic

Created

28.02.2020 / Technical designer

Edit

01.02.2022 / ca0zfa

Approved

/

Number of pages

52

FESTO assumes no warranty and liability for any changes to this documentation made by the customer. The circuit diagrams were created on the EPLAN Electric P8 and EPLAN Fluid CAE systems. Changes may only be made using the CAE systems and the original parameters

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Summarized parts list

Quantity	Order number	Type number	Designation	Σ Length [m]	Manufacturer
1				0	
1				0	
1	1SCA104811R1001	OT16F3	OT16F3 switch-disconnector	0	ABB
5	5054513	NEKM-C6-C16-D	Assortment of plugs	0	Festo
2	8066677	NEBB-M12G5-P-5-LE5	Connecting cable	10	Festo
2	8066676	NEBB-M12G5-P-2.5-LE5	Connecting cable	5	Festo
1	5251374	NEBM-M23G15-EH-2.5-Q7N-R3LEG14	Motor cable	2,5	Festo
1	5340820	CMMT-AS-C4-3A-EC-S1	Servo drive	0	Festo
1	5255448	EMMT-AS-80-L-HS-RMB	Servo motor	0	Festo
15	4407603	CECC-X-M1	controller	0	Festo
1	1336615	CACR-LE2-100-W500	Braking resistor	0	Festo
1	4325822	NEKM-C6-C16-S	Assortment of plugs	0	Festo
1	HF0524413	HF0524413	HF05 35 CFM (59 m3/hr.) Side-Mount Filter Fan	0	HOFFMAN
1	HG0500403	HG0500403	Vent, Plastic, Black	0	HOFFMAN
1	FS1A-C115	FS1A-C115	Safety Controller	0	Idec
1	10416	10416	MEF EMC-FILTER 1-PHASE 1-STAGE	0	
1	4000-73000-0010000	4000-73000-0010000	MSDD INSTALLATION SOCKET RJ45 BU/BU	0	
1	0916603	UT 6-TMC M 0,5A	FUSE ELEMENT 1P 0,5A M	0	Phoenix Contact
2	0916605	UT 6-TMC M 2A	FUSE ELEMENT 1P 2A	0	Phoenix Contact
1	0916604	UT 6-TMC M 1A	FUSE ELEMENT 1P 1A M	0	Phoenix Contact
1	1085039	FL SWITCH 1005N	Industrial Ethernet Switch	0	Phoenix Contact
1	2903149	TRIO-PS-2G/1AC/24DC/10	Power supply unit	0	Phoenix Contact
1	4798.9200	4798.9200	C20 AC Inlet	0	SCHURTER AG
1	4798.9200	4798.9200	C20 AC Inletl	0	SCHURTER AG
3	1790990000	ZDK 2.5-2	Double-deck terminal, 2.5 mm², Tension clamp connection, Wemid, dark blue, TS 35	0	Weidmueller
2	WEI_N.BR2C6AC	WEI_N.BR2C6AC	Circuit Breaker 2 Poles 6A	0	Weidmueller

&MDB/3

1.1

Project status		xxx		ROBOTIQ INC.		FESTO	Summarized parts list	EN &MPC		
		Date	28.02.2020	Technical designer				Project no.:	CA_CS.2160550	=
		Edit by	01.02.2022	ca0zfa				+		
		Appr.								
Modification	Date	Name	Standard	DIRECTIVE 2014/35/EU				Productionorder:	SAP PRODUCTION_ORDER / NETWORK	Pg. 1
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IN A3

01.02.2022

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Item parts list

Reference mark	Quantity	Order number	Designation	X-length	Manufacturer	Identcode 1
Placement		Type number		Length [m]		Identcode 2
-?XD1A	2	5054513	Assortment of plugs		Festo	
=A1+O1&EFS/21.2		NEKM-C6-C16-D				
-?XD6A	1	5054513	Assortment of plugs		Festo	
=A1+O1&EFS/24.1		NEKM-C6-C16-D				
-CB1	1	BR2C4AC	CIRCUIT BREAKER 4A 2 POLE BRANCH RATED		Weidmuller Canada (NFPA)	
=A1+O1&EFS/1.1		BR2C4AC				
-CB2	1	WEI_N.BR2C6AC	Circuit Breaker 2 Poles 6A		Weidmueller	
=A1+O1&EFS/1.4		WEI_N.BR2C6AC				
-CB3	1	WEI_N.BR2C6AC	Circuit Breaker 2 Poles 6A		Weidmueller	
=A1+O1&EFS/1.6		WEI_N.BR2C6AC				
-CB4	1	0916603	FUSE ELEMENT 1P 0,5A M		Phoenix Contact	
=A1+O1&EFS/2.4		UT 6-TMC M 0,5A				
-CB5	1	0916605	FUSE ELEMENT 1P 2A		Phoenix Contact	
=A1+O1&EFS/2.5		UT 6-TMC M 2A				
-CB6	1	0916604	FUSE ELEMENT 1P 1A M		Phoenix Contact	
=A1+O1&EFS/2.5		UT 6-TMC M 1A				
-CB7	1	0916605	FUSE ELEMENT 1P 2A		Phoenix Contact	
=A1+O1&EFS/2.6		UT 6-TMC M 2A				
-CBL0402	1	8066677	Connecting cable		Festo	
=A1+O1&EFS/4.2		NEBB-M12G5-P-5-LE5		5 m		
-CBL0404	1	8066677	Connecting cable		Festo	
=A1+O1&EFS/4.4		NEBB-M12G5-P-5-LE5		5 m		
-CBL0501	1	8066676	Connecting cable		Festo	
=A1+O1&EFS/5.1		NEBB-M12G5-P-2.5-LE5		2,5 m		
-CBL0502	1	8066676	Connecting cable		Festo	
=A1+O1&EFS/5.2		NEBB-M12G5-P-2.5-LE5		2,5 m		
-CBL2401	1	5251374	Motor cable		Festo	
=A1+O1&EFS/24.1		NEBM-M23G15-EH-2.5-Q7N-R3LEG14		2,5 m		
-CMMT1-X9A	1	5340820	Servo drive		Festo	
=A1+O1&EFS/20.0		CMMT-AS-C4-3A-EC-S1				

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Project status		xxx		ROBOTIQ INC.		FESTO	Item parts list		EN		&MPC	
		Date	28.02.2020	Technical designer			Project no.:		CA_CS.2160550		=	
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		Appr.										
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Item parts list

Reference mark	Quantity	Order number	Designation	X-length	Manufacturer	Identcode 1
Placement		Type number		Length [m]		Identcode 2
-DS1	1	1SCA104811R1001	OT16F3 switch-disconnector		ABB	
=A1+O1&EFS/1.1		OT16F3				
-DS1	1					
=A1+O1&EFS/1.1						
-DS1	1					
=A1+O1&EFS/1.1						
-EMC1	1	10416	MEF EMC-FILTER 1-PHASE 1-STAGE			
=A1+O1&EFS/1.1		10416				
-ETH2520	1	1085039	Industrial Ethernet Switch		Phoenix Contact	
=A1+O1&EFS/25.2		FL SWITCH 1005N				
-FAN1	1	HF0524413	HF05 35 CFM (59 m3/hr.) Side-Mount Filter Fan		HOFFMAN	
=A1+O1&EFS/2.4		HF0524413				
-FAN1	1	HG0500403	Vent, Plastic, Black		HOFFMAN	
=A1+O1&EFS/2.4		HG0500403				
-MA1	1	5255448	Servo motor		Festo	
=A1+O1&EFS/24.1		EMMT-AS-80-L-HS-RMB				
-PLC1-X1	1	4407603	controller		Festo	
=A1+O1&EFS/4.0		CECC-X-M1				
-PLC1-X2	1	4407603	controller		Festo	
=A1+O1&EFS/4.2		CECC-X-M1				
-PLC1-X4	1	4407603	controller		Festo	
=A1+O1&EFS/5.0		CECC-X-M1				
-PLC1-X5	1	4407603	controller		Festo	
=A1+O1&EFS/5.5		CECC-X-M1				
-PLC1-X6	1	4407603	controller		Festo	
=A1+O1&EFS/6.0		CECC-X-M1				
-PLC1-X7	1	4407603	controller		Festo	
=A1+O1&EFS/6.2		CECC-X-M1				
-PLC1-X8	1	4407603	controller		Festo	
=A1+O1&EFS/6.4		CECC-X-M1				

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Project status		xxx		ROBOTIQ INC.			Item parts list	EN &MPC		
		Date	28.02.2020	Technical designer				Project no.: CA_CS.2160550		
		Edit by	01.02.2022	ca0zfa				=		
		Appr.						+		
Modification	Date	Name	Standard	DIRECTIVE 2014/35/EU		FMCP Panel		Productionorder:	SAP PRODUCTION_ORDER / NETWORK	Pg. 2.1
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Item parts list

Reference mark	Quantity	Order number	Designation	X-length	Manufacturer	Identcode 1
Placement		Type number		Length [m]		Identcode 2
-PLC1-X12	1	4407603	controller		Festo	
=A1+O1&EFS/7.4		CECC-X-M1				
-PLC1-X14	1	4407603	controller		Festo	
=A1+O1&EFS/8.0		CECC-X-M1				
-PLC1-X15	1	4407603	controller		Festo	
=A1+O1&EFS/8.4		CECC-X-M1				
-PLC1-X20	1	4407603	controller		Festo	
=A1+O1&EFS/11.0		CECC-X-M1				
-PLC1-X21	1	4407603	controller		Festo	
=A1+O1&EFS/12.0		CECC-X-M1				
-PLC1-X23	1	4407603	controller		Festo	
=A1+O1&EFS/13.0		CECC-X-M1				
-PLC1-X25	1	4407603	controller		Festo	
=A1+O1&EFS/13.7		CECC-X-M1				
-PLC1-X27	1	4407603	controller		Festo	
=A1+O1&EFS/14.4		CECC-X-M1				
PS1	1	2903149	Power supply unit		Phoenix Contact	
=A1+O1&EFS/2.3		TRIO-PS-2G/1AC/24DC/10				
-R1	1	1336615	Braking resistor		Festo	
=A1+O1&EFS/20.6		CACR-LE2-100-W500				
	1	4798.9200	C20 AC Inlet		SCHURTER AG	
=A1+O1&EFS/1.2		4798.9200				
-REC0100	1	4798.9200	C20 AC Inletl		SCHURTER AG	
=A1+O1&EFS/1.0		4798.9200				
-SC1	1	FS1A-C115	Safety Controller		Idec	
=A1+O1&EFS/3.4		FS1A-C115				
-XD1	1	4325822	Assortment of plugs		Festo	
=A1+O1&EFS/20.1		NEKM-C6-C16-S				
-XD12	1	5054513	Assortment of plugs		Festo	
=A1+O1&EFS/23.0		NEKM-C6-C16-D				

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Project status		xxx		ROBOTIQ INC.			Item parts list		EN		&MPC	
			Date	28.02.2020	Technical designer		Project no.:		CA_CS.2160550		=	
			Edit by	01.02.2022	ca0zfa						+	
			Appr.									
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Air supply:

This controller is designed for a state-of-the-art (ISO 8573-A:2010) compressed air network

We require compressed air that is unlubricated, free of residual oil (residual oil from compressors max. 0.1mg/m³ for "HEES fluids, biodegradable oils" or max. 5mg/m³ for mineral oils permissible) and appropriately dried.

A filter should remove solid contamination from the compressed air. (ISO 8573-A:2010)

- Class:**

7:4:4 --> 40µm Filter

Sizing of cables is the responsibility of the customer

Electric

Supply cable 3x1,5mm²

Pneumatics

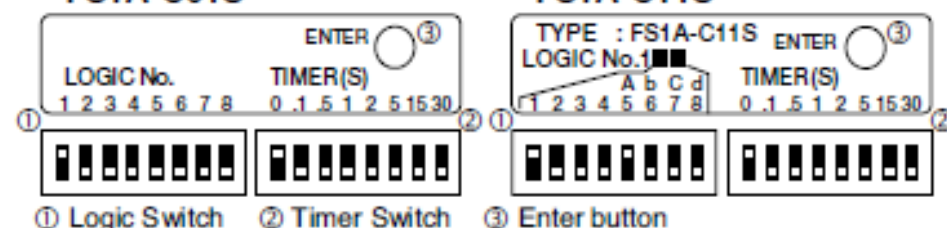
No hose designation

FESTO

EN		&MEC	
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		+	
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Configuration Switches

• FS1A-C01S



Logic Switch ①

FS1A-C01S

Eight DIP switches are provided for selecting a logic by moving a switch upward. For details, see user's manual "Chapter 5 Logic." Only one logic switch can be selected.

DIP Switch	1	2	3	4	5	6	7	8
Logic	001	002	003	004	005	006	007	008

FS1A-C11S

Eight DIP switches are provided for selecting a logic by moving one or two switch(es) upward. For details, see user's manual "Chapter 5 Logic."

DIP Switch	1	2	3	4	5	6	7	8
Logic	101	102	103	104	105	106	107	108

1 + A	1 + b	1 + C	1 + d	2 + A	2 + b	2 + C	2 + d
11A	11b	11C	11d	12A	12b	12C	12d

3 + A	3 + b	3 + C	3 + d	4 + A	4 + b	4 + C	4 + d
13A	13b	13C	13d	14A	14b	14C	14d

Timer Switch ②

Eight DIP switches are provided for selecting an off-delay timer value, by moving a switch upward. Only one timer switch can be selected.

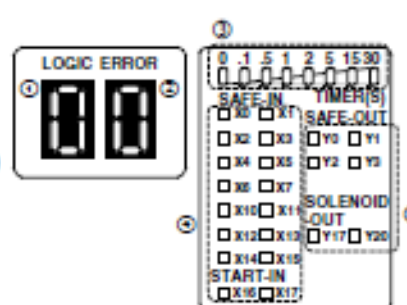
Switch No.	Timer Value	Description
1	0	No off-delay (safety outputs shut down immediately)
2	.1	Off-delay timer 0.1s
3	.5	Off-delay timer 0.5s
4	1	Off-delay timer 1s
5	2	Off-delay timer 2s
6	5	Off-delay timer 5s
7	15	Off-delay timer 15s
8	30	Off-delay timer 30s

Enter Button ③

The enter button is used to activate the configuration of logic and timer switches. Error LED will blink for 1 to 5 seconds after pressing the enter button. Releasing the button during blinking activates the setting. The blinking LED becomes ON if the button is pressed for more than 5 seconds, and the setting becomes invalid even after the button is released. For setting the switches and enter button, use the setting tool supplied with the SafetyOne.

LEDs

- ① Logic LED (green)
- ② Error LED (red)
- ③ Timer LED (green)
- ④ Input LED (orange)
- ⑤ Output LED (orange)



• Logic LED ①

Type	LED	Status	Description
FS1A-C01S	1, 2, 3, 4, 5, 6, 7, 8	ON	The selected logic is in Run or Protection state
		Blink	The selected logic is in Configuration state
FS1A-C11S	1, 2, 3, 4, 5, 6, 7, 8, A, b, C, d	ON	The selected logic is in Run or Protection state (Ex. Logic 14A: 4→A→4→A→4→...)
		Blink	The selected logic is in Configuration state (Ex. Logic 14A: 4→A→OFF→A→4→OFF...)
FS1A-C01S/C11S	E	Blink	The selected logic has Configuration error (logic not selected, or multiple logics are selected)
	Random	ON/Blink	Initializing (Initial state)
	OFF	OFF	Error (Stop state)

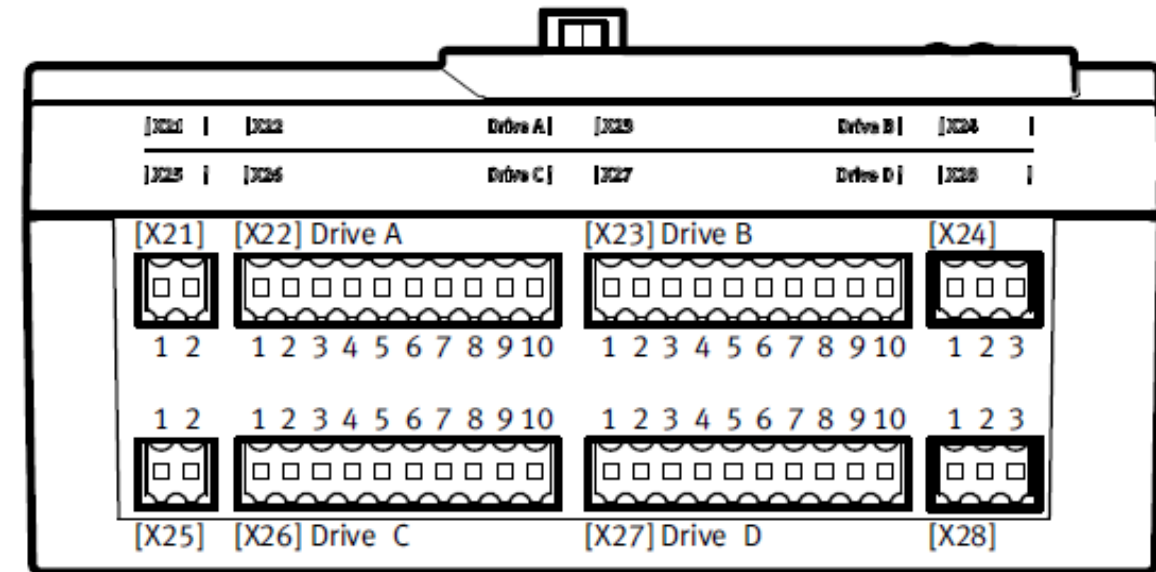
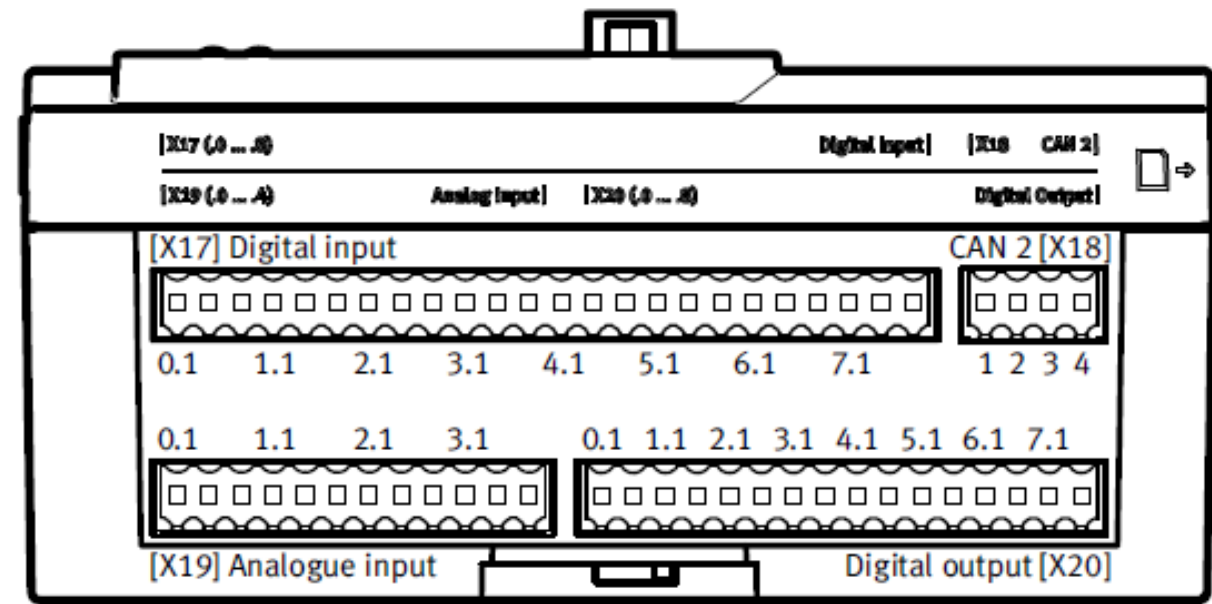
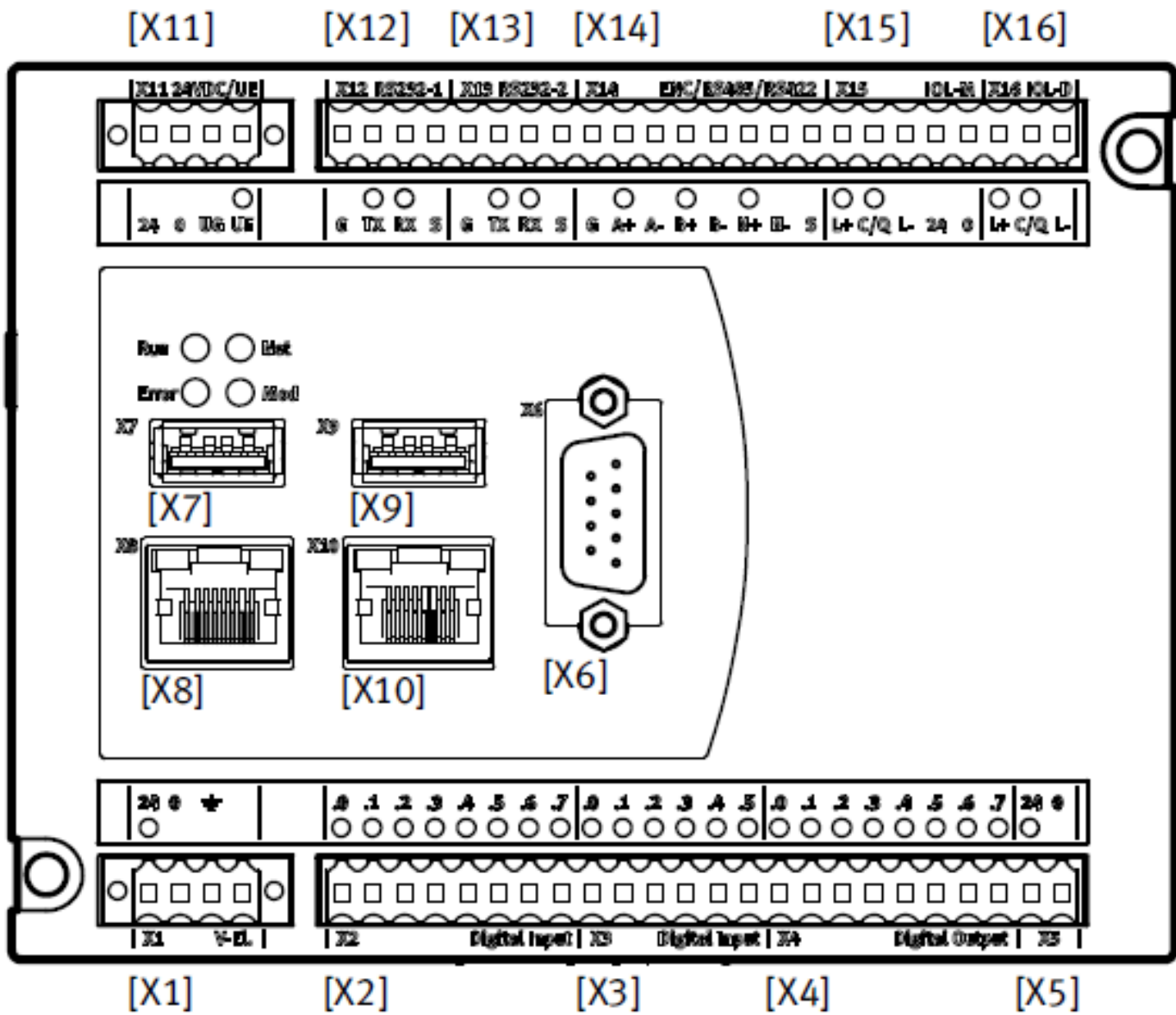
• Error LED ②

Type	LED	Status	Description
FS1A-C01S / FS1A-C11S	1	ON	Input monitor error (Protection state)
	2	ON	Wiring error at safety input or an error in safety input circuits
	3	ON	Wiring error at start input or an error in start input circuit
	4	ON	Wiring error at safety output or an error in safety output circuit
	5	ON	Muting lamp error (disconnection) (FS1A-C01S: logic 4 only) (FS1A-C11S: logic 11d only)
	6	ON	Power supply error or internal power supply circuit error
	7	ON	Internal error, power supply error, or internal power supply circuit error
	9	ON	EMC disturbance
	C	ON	Configuration procedure is in progress (Configuration state)
		Blink	Configuration is valid (Note) (Configuration state)
	Random	ON/Blink	Initializing (Initial state)
OFF	OFF	Normal operation (Run state)	

Note: Blinks for 1 to 5 seconds after the enter button is pressed. Releasing the button during blinking activates the setting. The blinking LED becomes ON if the button is pressed for more than 5 seconds, and the setting becomes invalid even after the button is released.

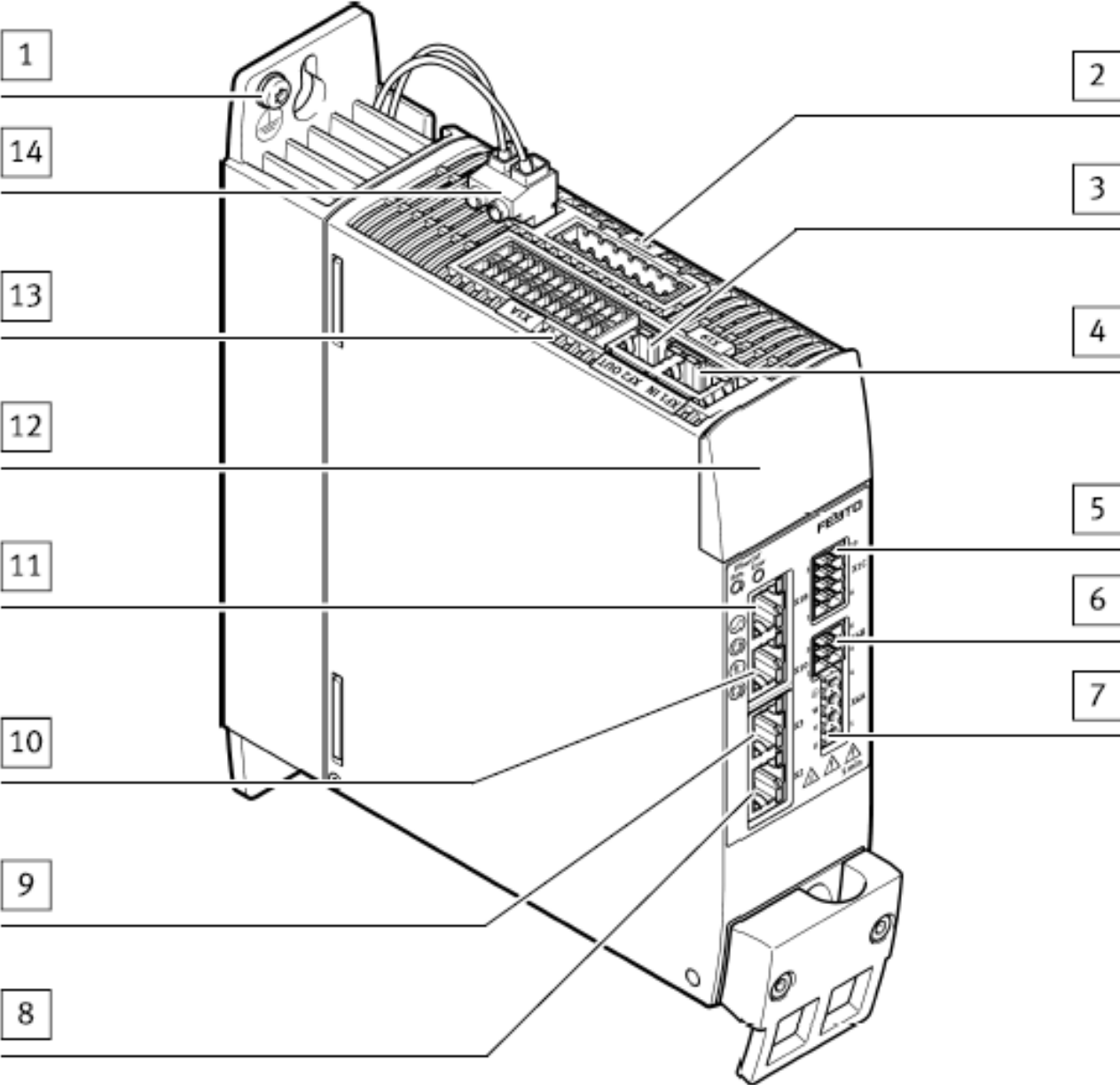
• Timer LED ③

Type	LED	Status	Description
FS1A-C01S / FS1A-C11S	0	ON	No off-delay (safety outputs shut down immediately)
	.1	ON	Off-delay timer 0.1s
	.5	ON	Off-delay timer 0.5s
	1	ON	Off-delay timer 1s
	2	ON	Off-delay timer 2s
	5	ON	Off-delay timer 5s
	15	ON	Off-delay timer 15s
	30	ON	Off-delay timer 30s
	Each LED	Blink	Selected timer value (Configuration state)
	Random	ON/Blink	Initializing (Initial state)
All LEDs	OFF	OFF	Timer value is not selected or the SafetyOne is in Stop state



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Overview of connection technology



- 1

PE connection, housing
- 2

[X9A] mains voltage, DC link voltage and logic voltage
- 3

[XF2 OUT] RTE interface port 2
- 4

[XF1 IN] RTE interface port 1
- 5

[X1C] inputs/outputs for the axis
- 6

[X6B] motor auxiliary connection
- 7

[X6A] motor phase connection
- 8

[X2] encoder connection 1
- 9

[X3] encoder connection 2
- 10

[X10] device synchronisation
- 11

[X18] standard Ethernet
- 12

[X5] connection for operator unit (behind the blind plate)
- 13

[X1A] I/O interface
- 14

[X9B] connection for braking resistor

Connections of the CMMT-AS-...-3A

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DANGER:

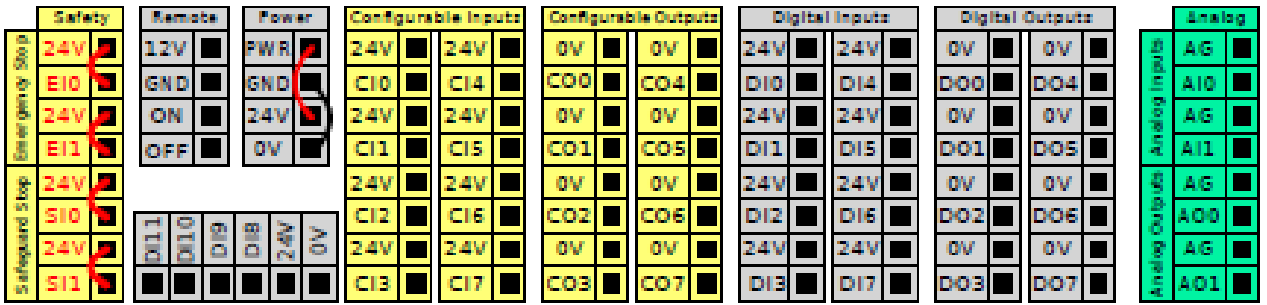
1. Never connect safety signals to a PLC which is not a safety PLC with the correct safety level. Failure to follow this warning could result in serious injury or death as the safety functions could be overridden. It is important to keep safety interface signals separated from the normal I/O interface signals.
2. All safety-related signals are constructed redundantly (two independent channels). Keep the two channels separate so that a single fault cannot lead to loss of the safety function.
3. Some I/Os inside the Control Box can be configured for either normal or safety-related I/O. Read and understand the complete section 5.4.



DANGER:

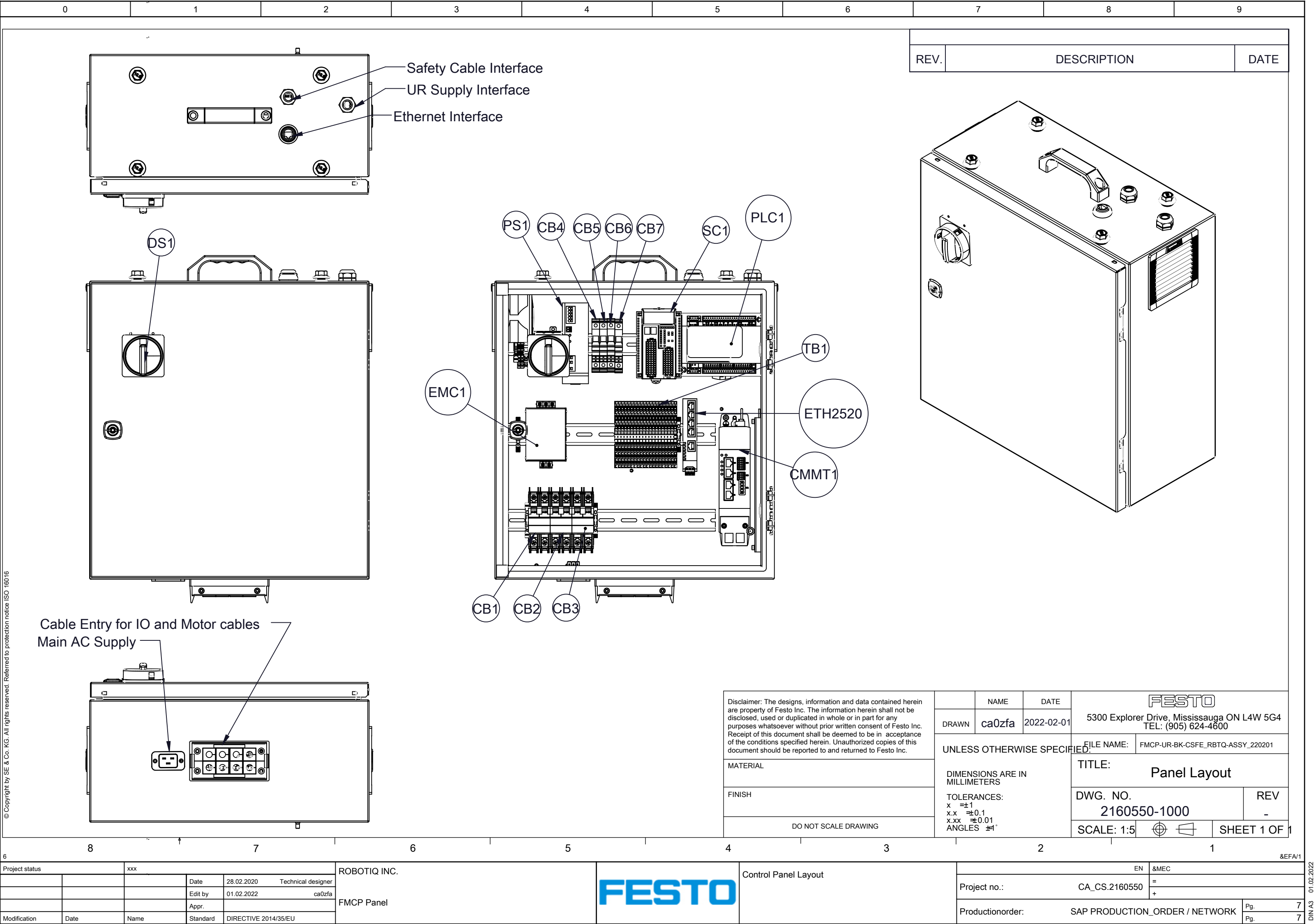
1. Make sure all equipment not rated for water exposure remain dry. If water is allowed to enter the product, lockout-tagout all power and then contact your local Universal Robots service provider for assistance.
2. Only use the original cables supplied with the robot only. Do not use the robot for applications where the cables are subject to flexing. Contact your local Universal Robots service if longer or flexible cables are needed.
3. Negative connections are referred to as Ground (GND) and are connected to the casing of the robot and the Control Box. All mentioned GND connections are only for powering and signalling. For PE (Protective Earth) use the M6-size screw connections marked with earth symbols inside the Control Box. The grounding conductor shall have at least the current rating of the highest current in the system.
4. Use caution when installing interface cables to the robot I/O. The metal plate in the bottom is intended for interface cables and connectors. Remove the plate before drilling holes. Make sure that all shavings are removed before reinstalling the plate. Remember to use correct gland sizes.

The illustration below shows the layout of electrical interface groups inside the Control Box.

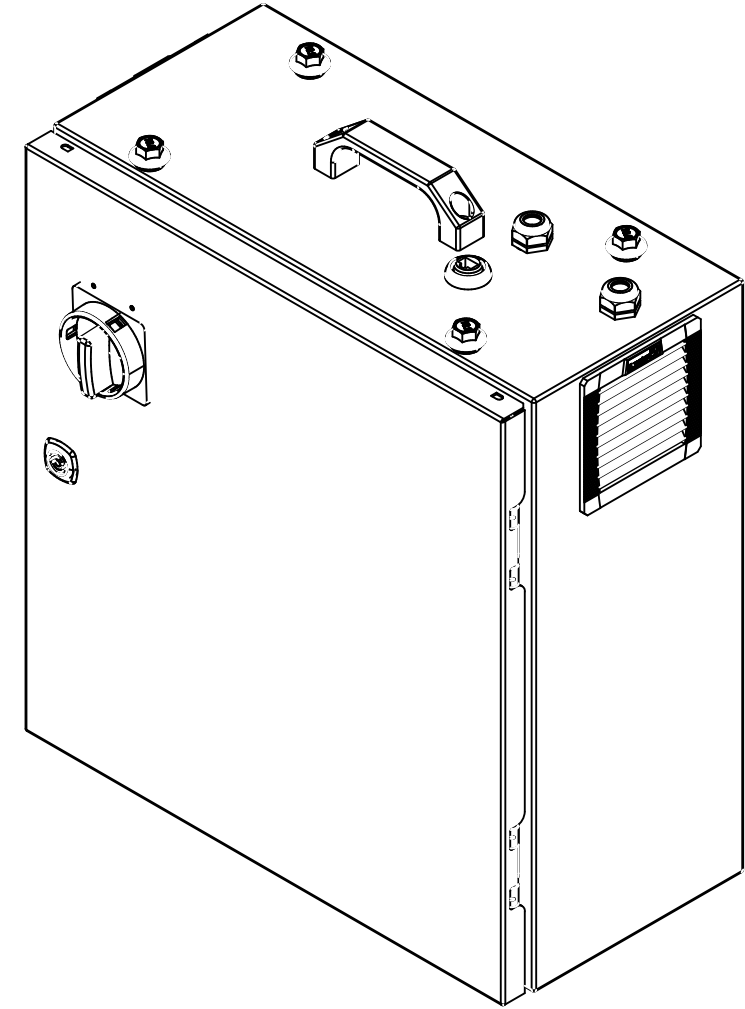


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0	1	2	3	4	5	6	7	8	9
WARNING! Risk of injury from electric shock. Contact with live parts at the power connections [X6A], [X9A] and [X9B] can result in severe injuries or death. Do not pull out power supply plugs while live. Before touching, wait at least 5 minutes after switching off the load voltage to allow the intermediate circuit to discharge.									
WARNING! Risk of injury from electric shock in the event of incomplete insulation at the power connections [X6A], [X9A] and [X9B]. Before operating, plugging in or unplugging the operator unit CDSB or a connector from a hot-plug-capable interface, the following points must be fulfilled: The conducting lines at the device are completely insulated. The protective earthing (PE) and the shield connection are correctly connected to the device. The housing is free of damage.									
WARNING! Danger of burns through hot escaping gases and hot surfaces. In case of error, incorrect wiring or incorrect polarity of the connections [X9A], [X9B] and [X6A], internal components can be overloaded. High temperatures can develop and hot gases can be released. Have an authorised electrician perform the installation according to the documentation.									
WARNING! Risk of injury due to overheating and electric shock with faulty live components Closing the branch-circuit protective device with faulty live components may cause fire or electric shock. The opening of the branch-circuit protective device may be an indication that a fault current has been interrupted. To reduce the risk of fire or electric shock, current-carrying parts and other components of the controller should be examined and replaced if damaged. If burnout of the current element of an overload relay occurs, the complete overload relay must be replaced.									
5 Project status xxx Date 28.02.2020 Technical designer Edit by 13.01.2021 ca0zfa Appr. Modification Date Name Standard DIRECTIVE 2014/35/EU ROBOTIQ INC. FMCP Panel FESTO Safety Installation EN &MEC Project no.: CA_CS.2160550 Productionorder: SAP PRODUCTION_ORDER / NETWORK Pg. 6 Pg. 7									



REV.	DESCRIPTION	DATE
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			DRAWN	ca0zfa	2022-02-01
MATERIAL			UNLESS OTHERWISE SPECIFIED:		
FINISH			DIMENSIONS ARE IN MILLIMETERS		
DO NOT SCALE DRAWING			TOLERANCES: x ±1 x.x ±0.1 x.xx ±0.01 ANGLES ±1°		
			FILE NAME:		FMCP-UR-BK-CSFE_RBTQ-ASSY_220201
			TITLE:		
			DWG. NO.		REV
			2160550-1000		-
			SCALE: 1:5		SHEET 1 OF 1

Project status		xxx	
		Date	28.02.2020
		Technical designer	
		Edit by	01.02.2022
		ca0zfa	
		Appr.	
Modification	Date	Name	Standard
			DIRECTIVE 2014/35/EU

ROBOTIQ INC.	
FMCP Panel	

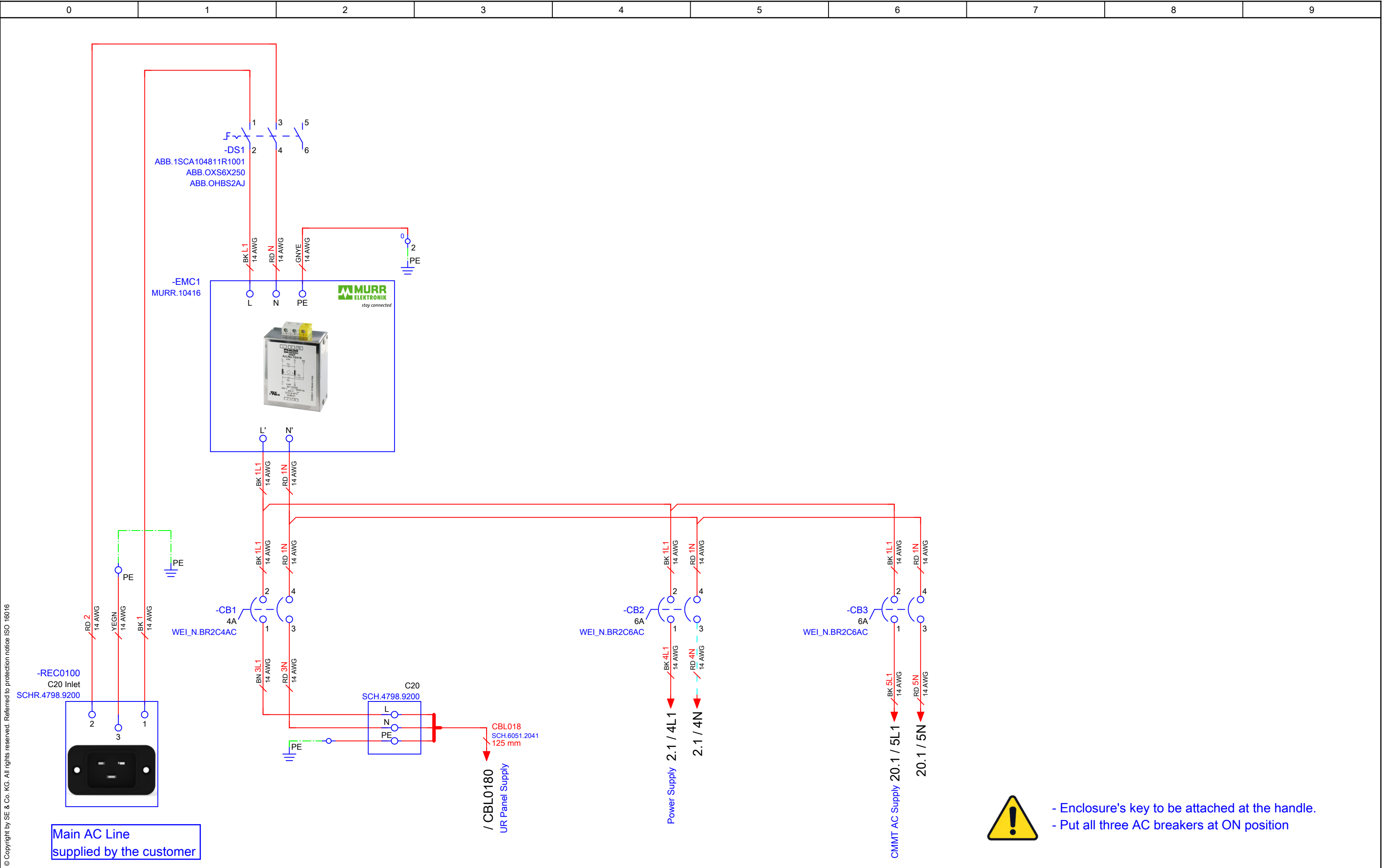


Control Panel Layout	
----------------------	--

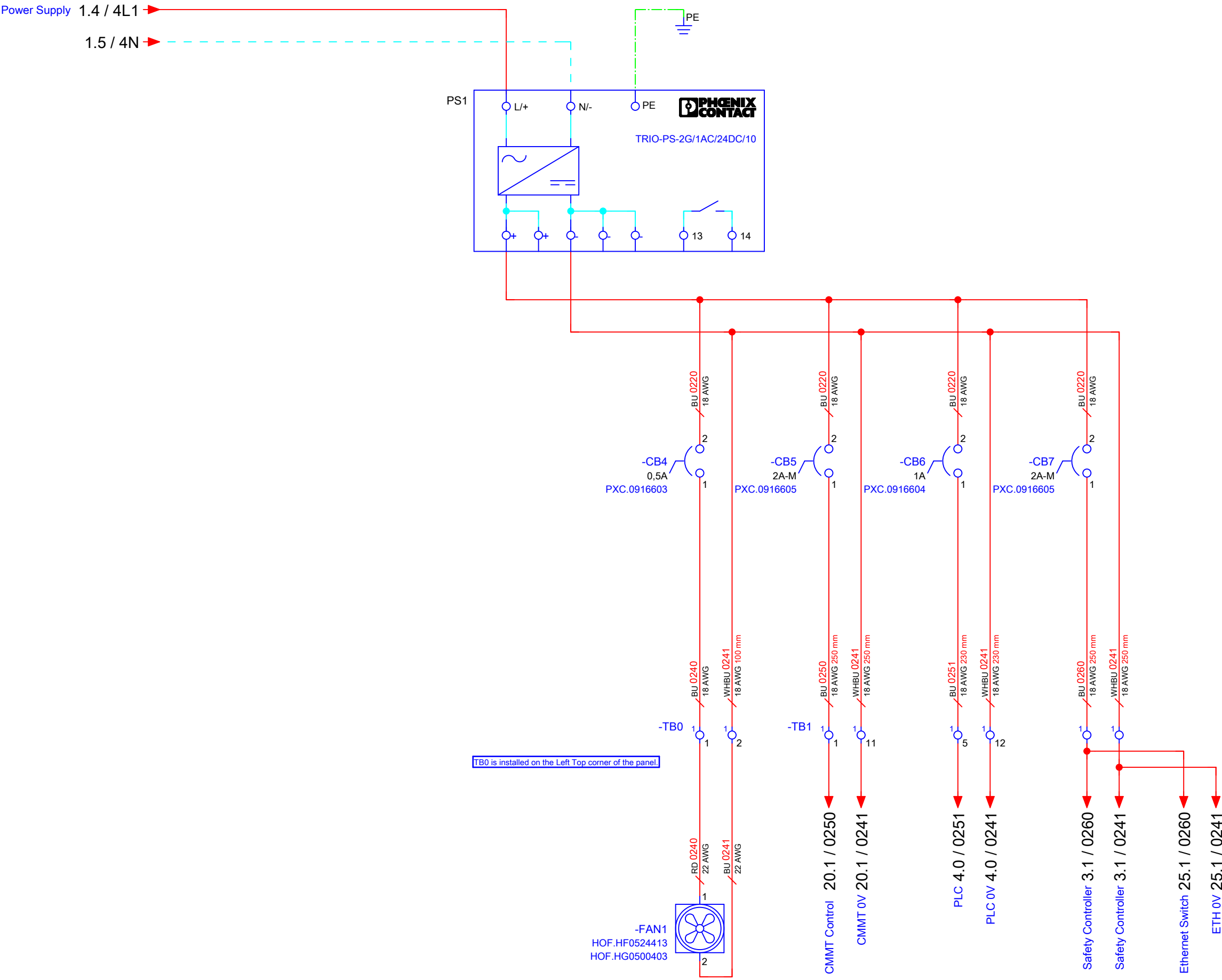
EN & MEC	
Project no.: CA_CS.2160550	
Productionorder: SAP PRODUCTION_ORDER / NETWORK	
Pg.	7
Pg.	7

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IN A3 01.02.2022



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Safety Controller DIP Switch configuration next page (3.1)

FS1A-C11S Logic 11A

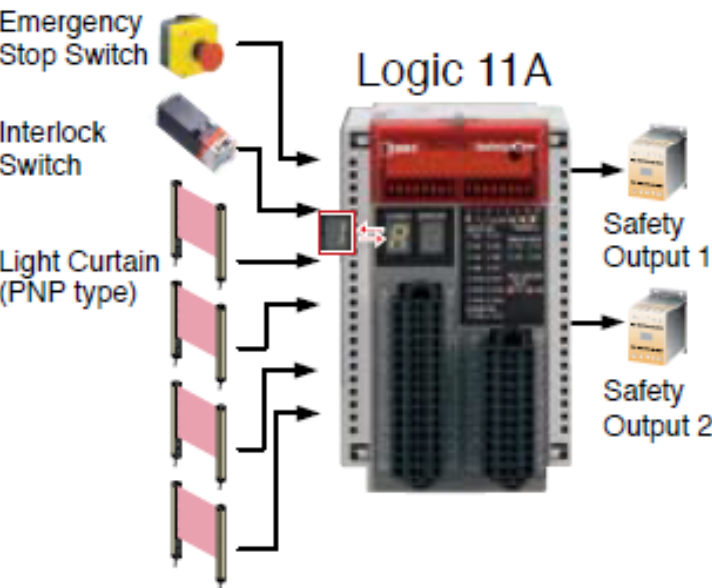
The logic for apparatus with openings

Output Line: 2
2 dual safety outputs of
different operations

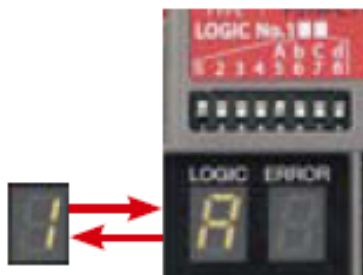
Category
4

Logic 11A is used for safeguarding measures of machine tools and robots, which use safety equipment such as light curtains with dual solid state outputs. Safety outputs are dual channel outputs. Two dual channel direct opening inputs and four dual channel safety inputs can be connected. Safety output 2 has an off-delay timer.

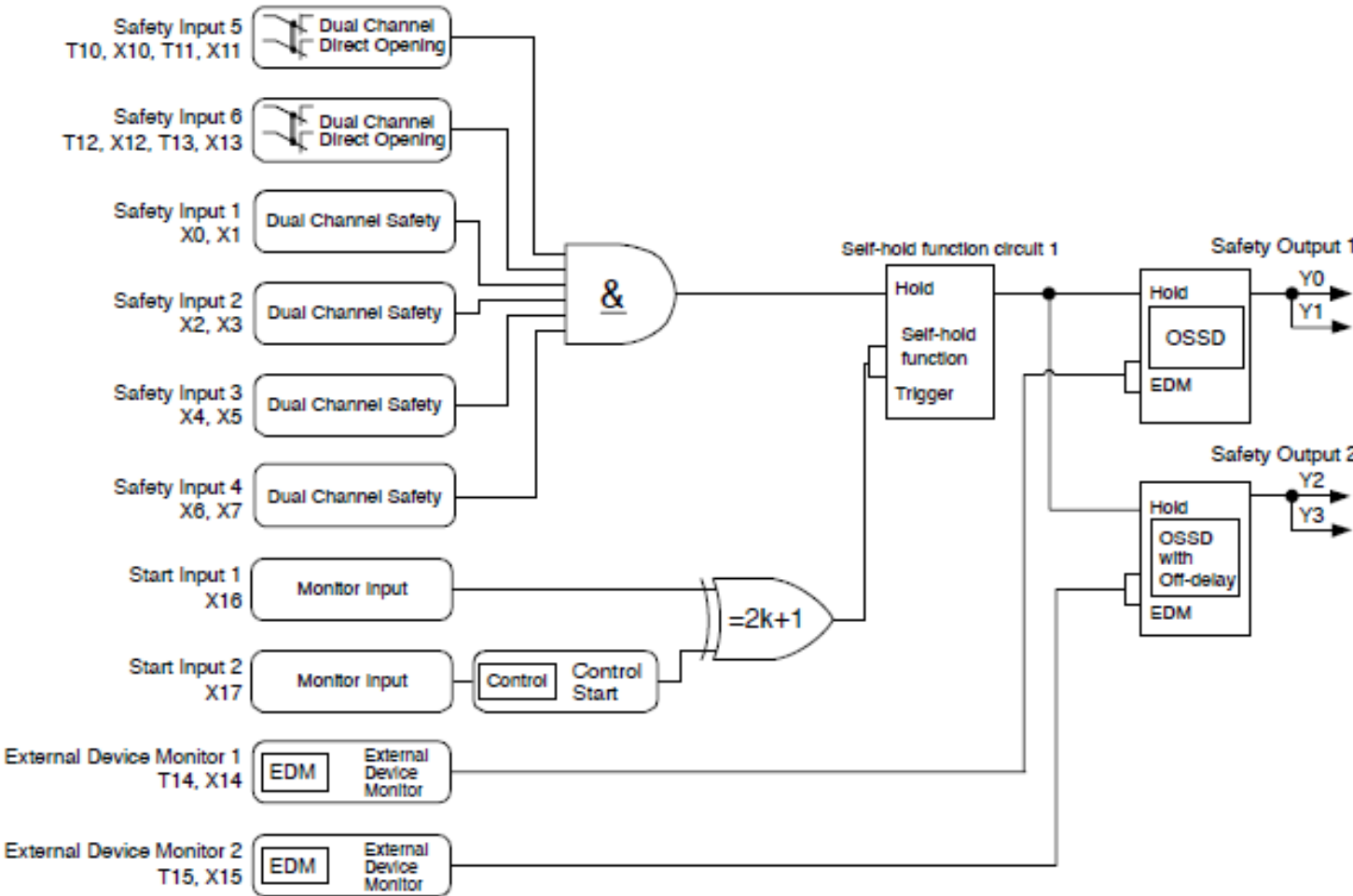
Wiring Example



DIP Switch and LED Display



Logic Chart



DIP Switch Setting :

TYPE : FS1A-C11S
ENTER

LOGIC No.1

A

b

C

d

1

2

3

4

5

6

7

8

TIMER(S)

0

.1

.5

1

2

5

15

30

Logic : Swich No.1+A Up
Timer : Timer value 0.5s Switch No.3 Up

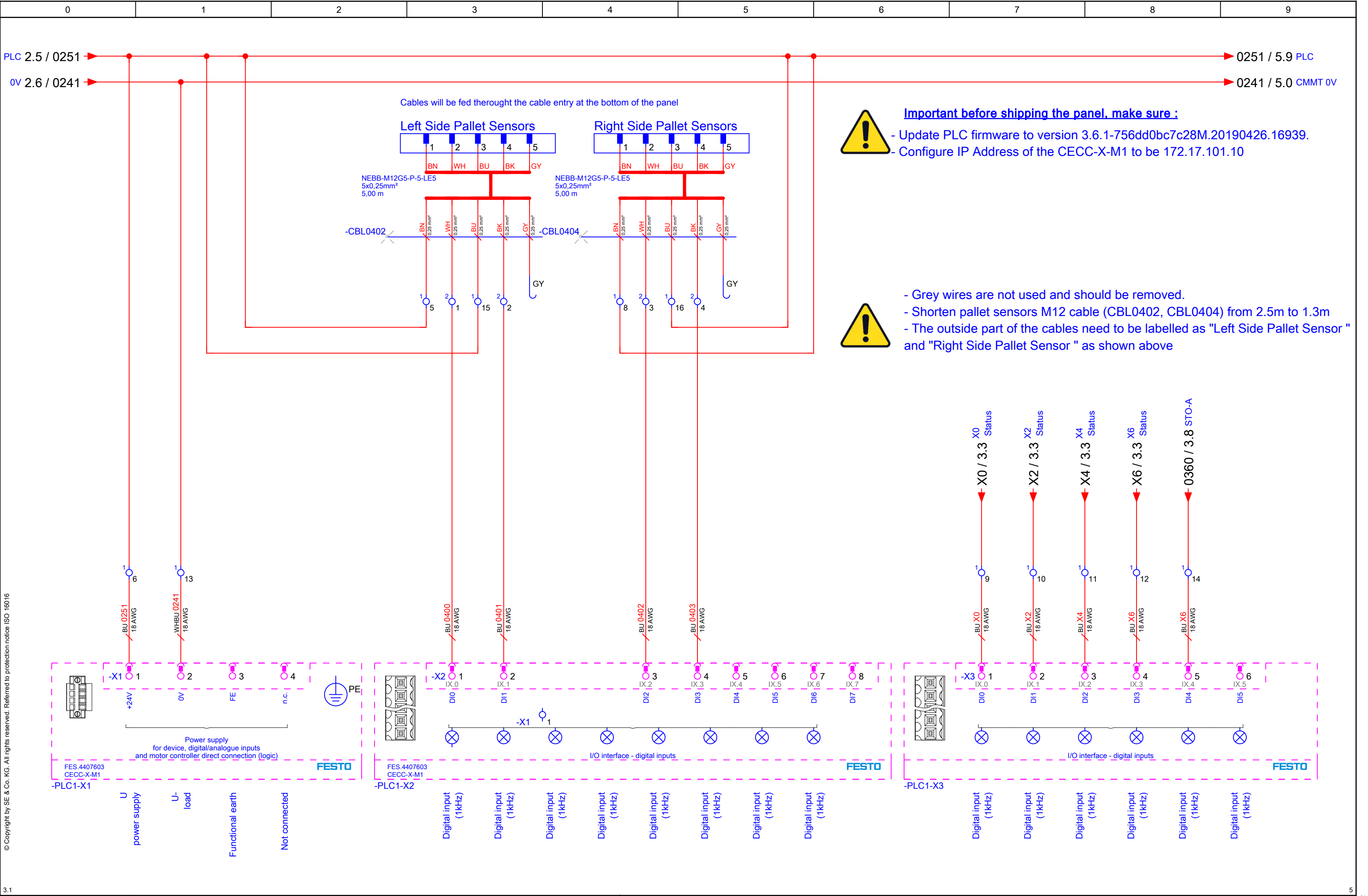
Project status	xxx	Date	28.02.2020	Technical designer
		Edit by	13.01.2021	ca0zfa
		Appr.		
Modification	Date	Name	Standard	DIRECTIVE 2014/35/EU

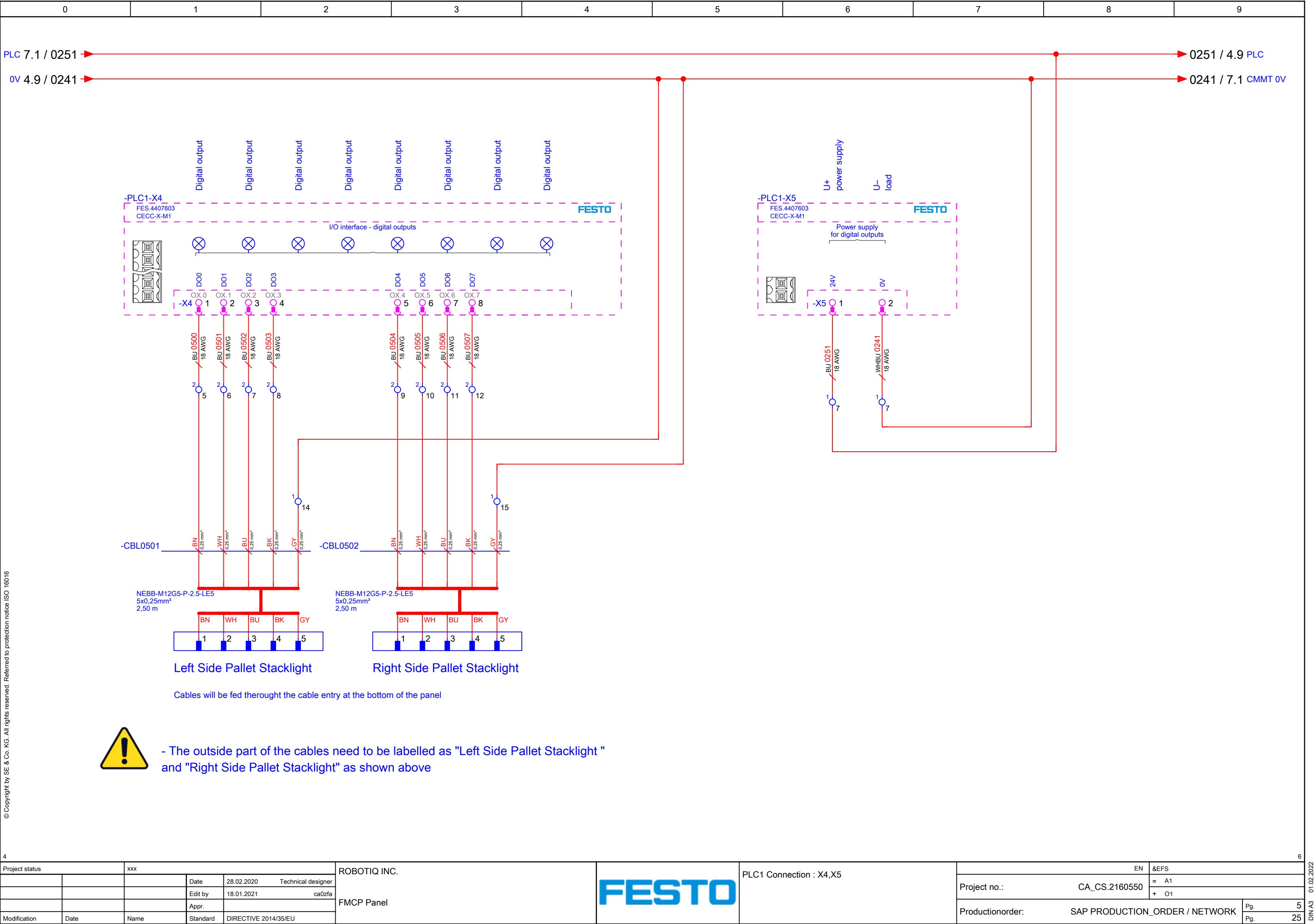
ROBOTIQ INC.
FMCP Panel

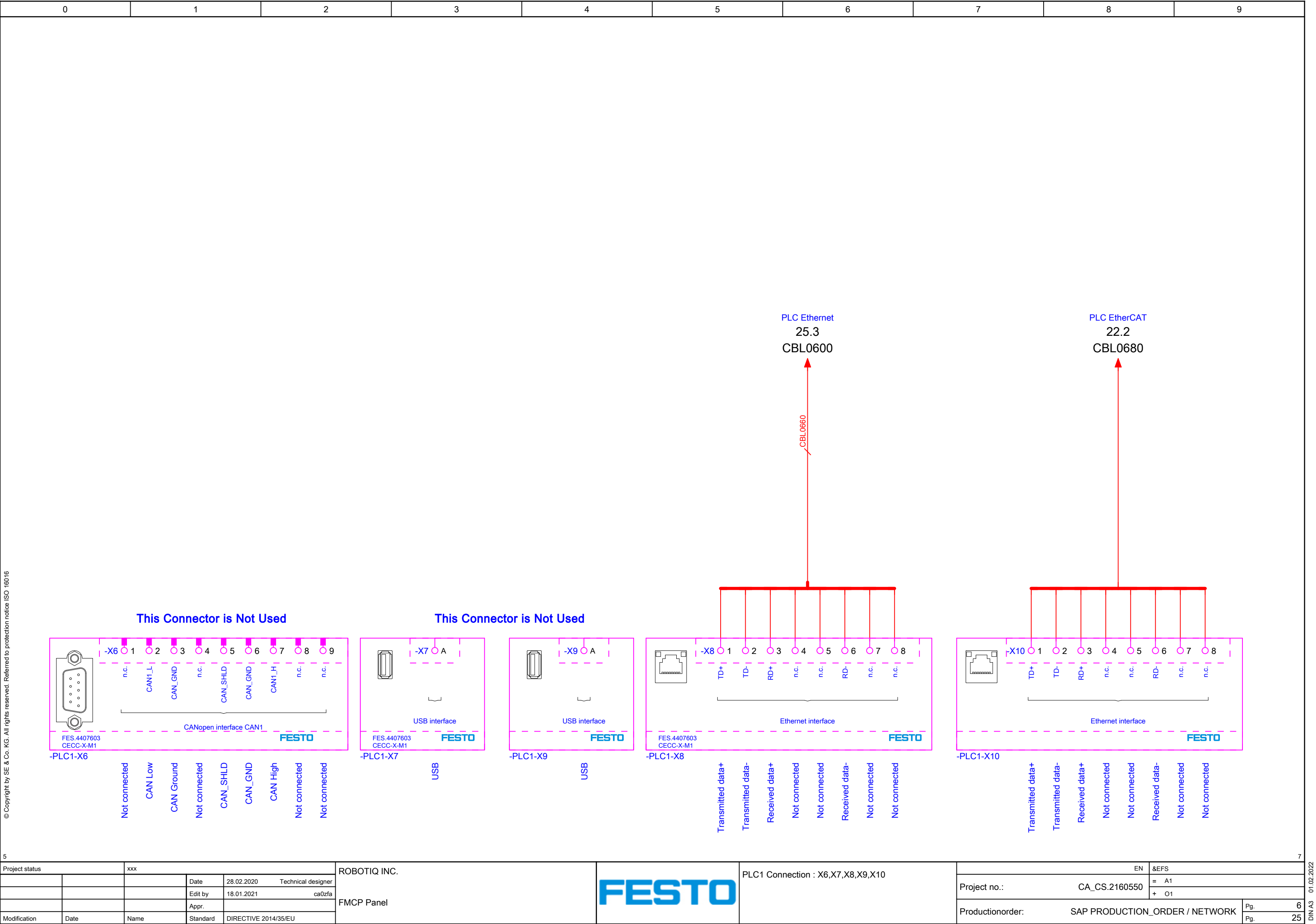


Safety Controller Configuration

EN	&EFS
Project no.:	CA_CS.2160550
Productionorder:	SAP PRODUCTION_ORDER / NETWORK
Pg.	3.1
Pg.	25







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Project status		xxx		
		Date	28.02.2020	Technical designer
		Edit by	18.01.2021	ca0zf
		Appr.		
Modification	Date	Name	Standard	DIRECTIVE 2014/35/EU

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PLC1 Connection : X6,X7,X8,X9,X10

EN		&EFS	
Project no.:		CA_CS.2160550	
Productionorder:		SAP PRODUCTION_ORDER / NETWORK	
		Pg.	6
		Pg.	25

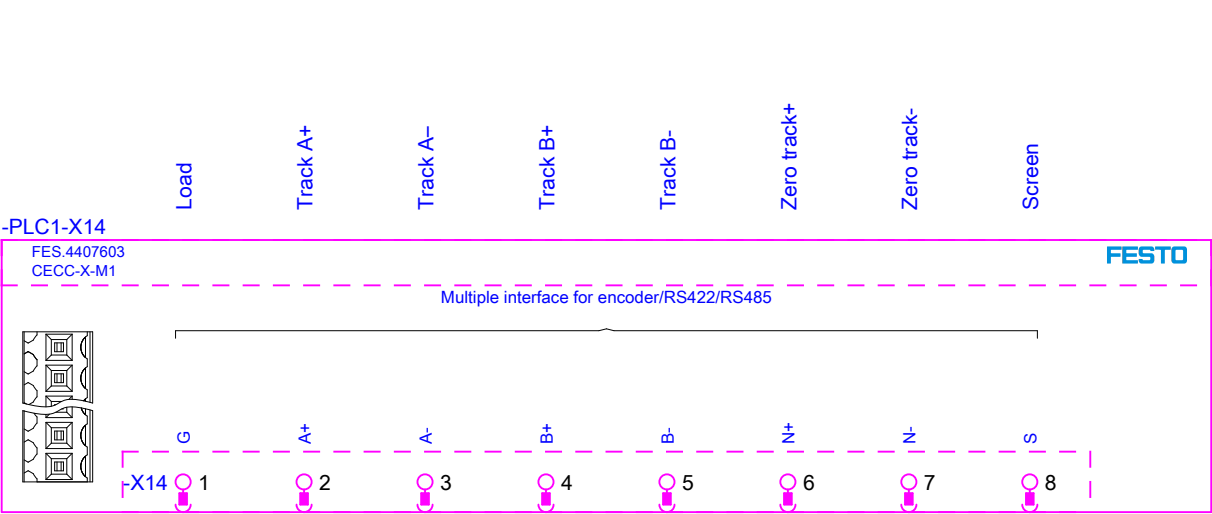
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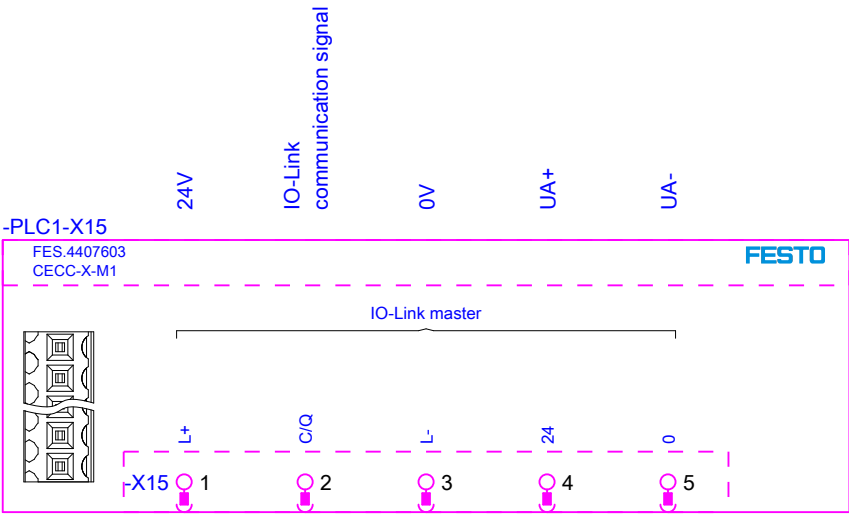
IN A3 01.02.2022



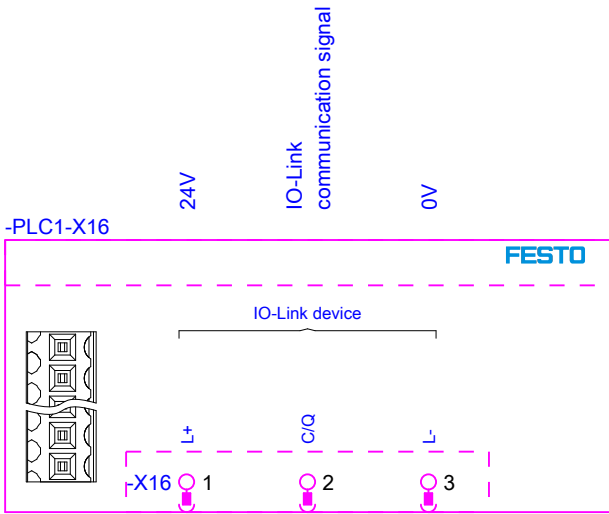
7
25



This Connector is Not Used



This Connector is Not Used



This Connector is Not Used

7

9

Project status

xxx

Date

28.02.2020

Technical designer

Edit by

18.01.2021

ca0zfa

Appr.

Modification

Date

Name

Standard

DIRECTIVE 2014/35/EU

ROBOTIQ INC.

FMCP Panel

FESTO

PLC1 Connection : X14,X15,X16

EN

&EFS

Project no.:

CA_CS.2160550

= A1

+ O1

Productionorder:

SAP PRODUCTION_ORDER / NETWORK

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Pg. 25

10

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9

Project status		xxx			
			Date	28.02.2020	Technical designer
			Edit by	02.10.2020	ca0zfa
			Appr.		
Modification	Date	Name	Standard	DIRECTIVE 2014/35/EU	

FMCP Panel	
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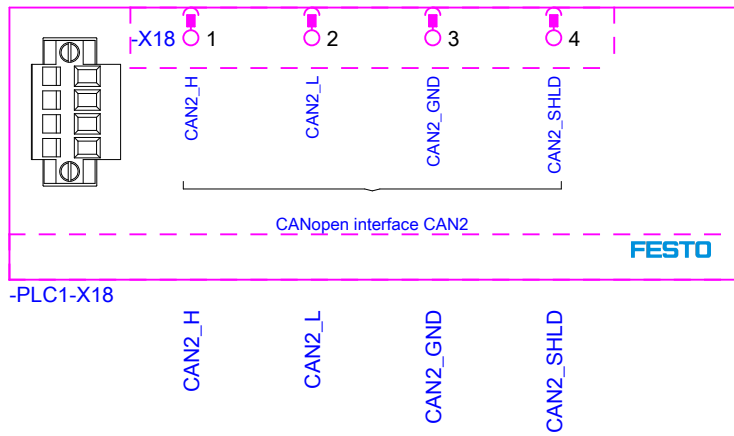
PLC1 Connection : X18,X19	
---------------------------	--

		EN	&EFS	
Project no.:		CA_CS.2160550	= A1	
			+ O1	
Productionorder:		SAP PRODUCTION_ORDER / NETWORK		Pg. 10
				Pg. 25

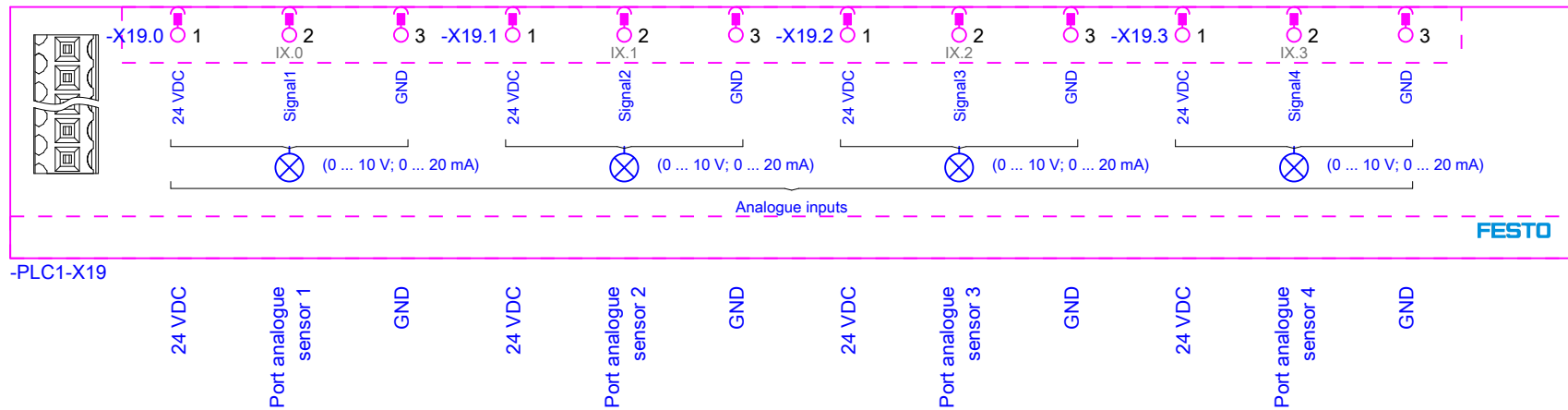
11

IN A3 01.02.2022

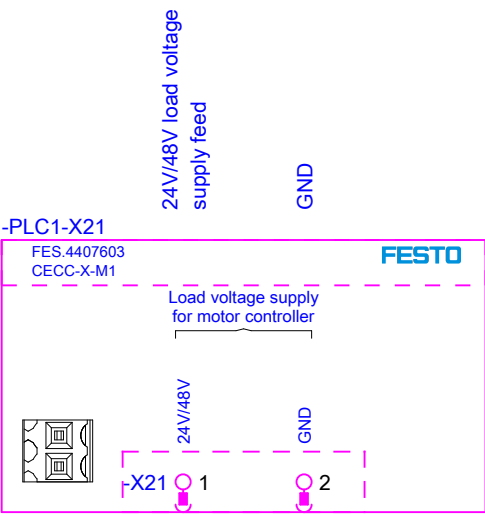
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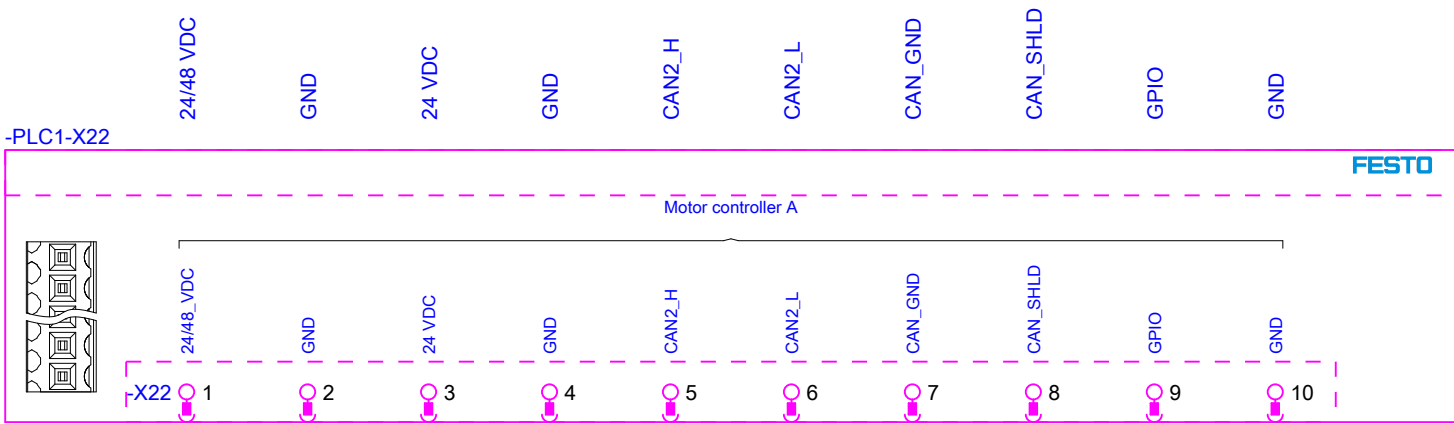
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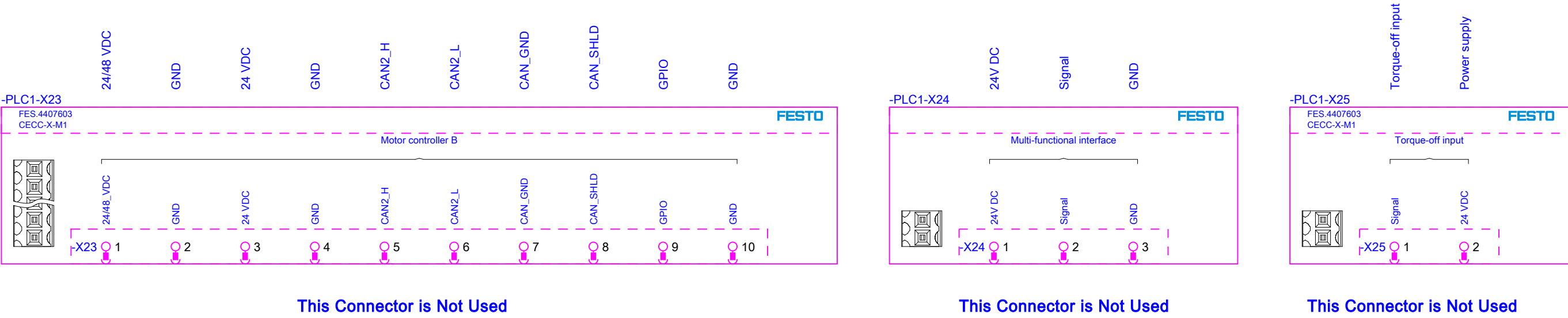


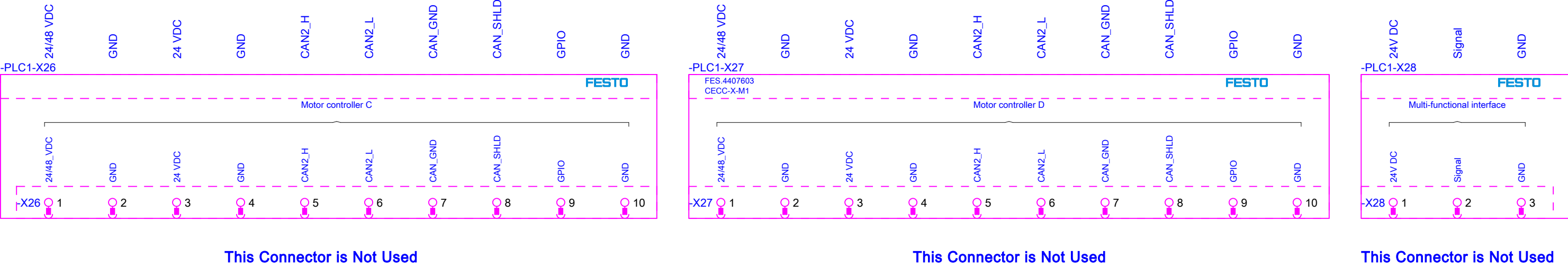
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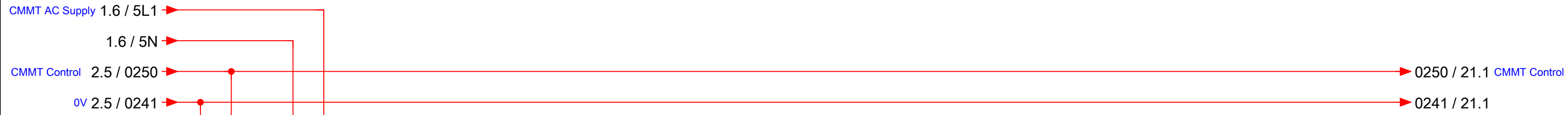


This Connector is Not Used

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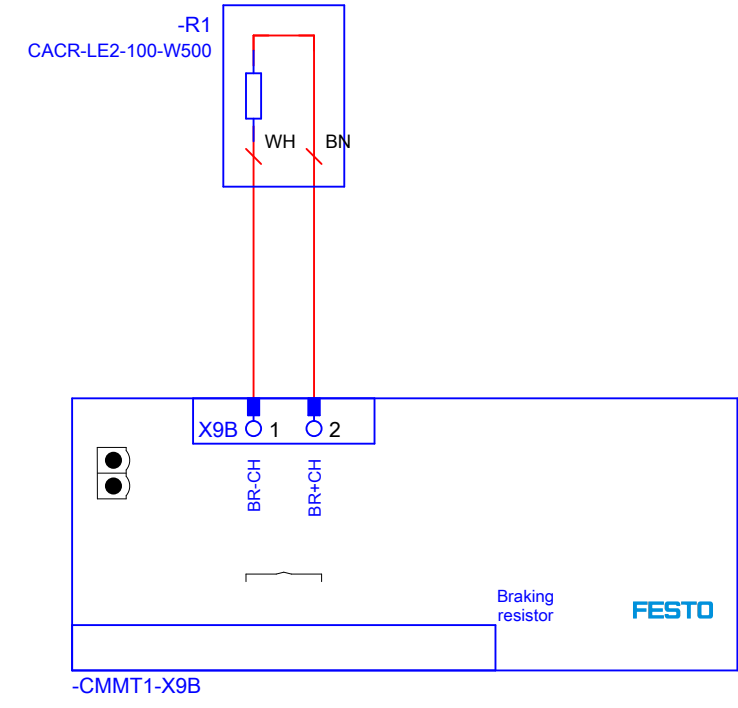
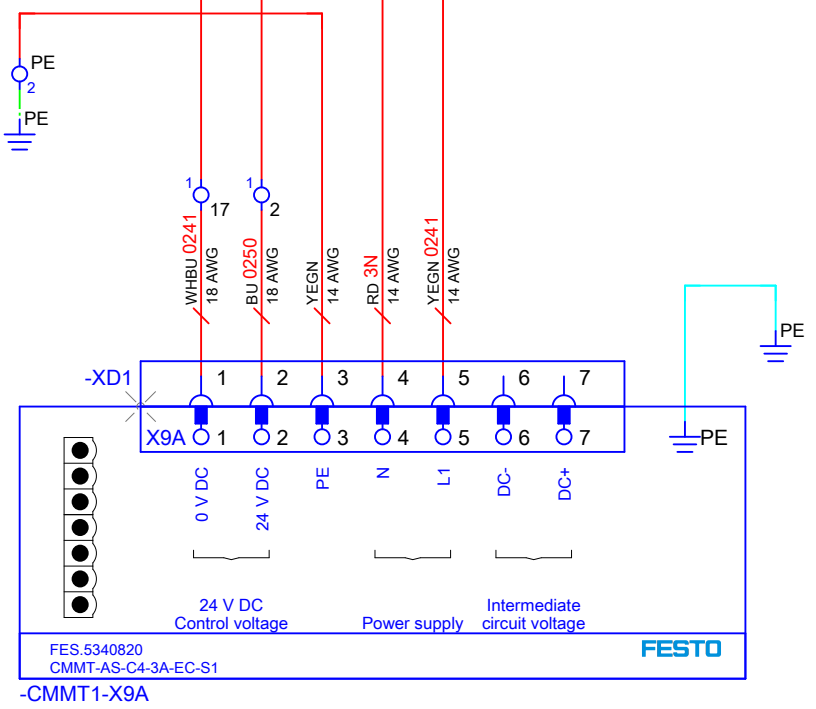


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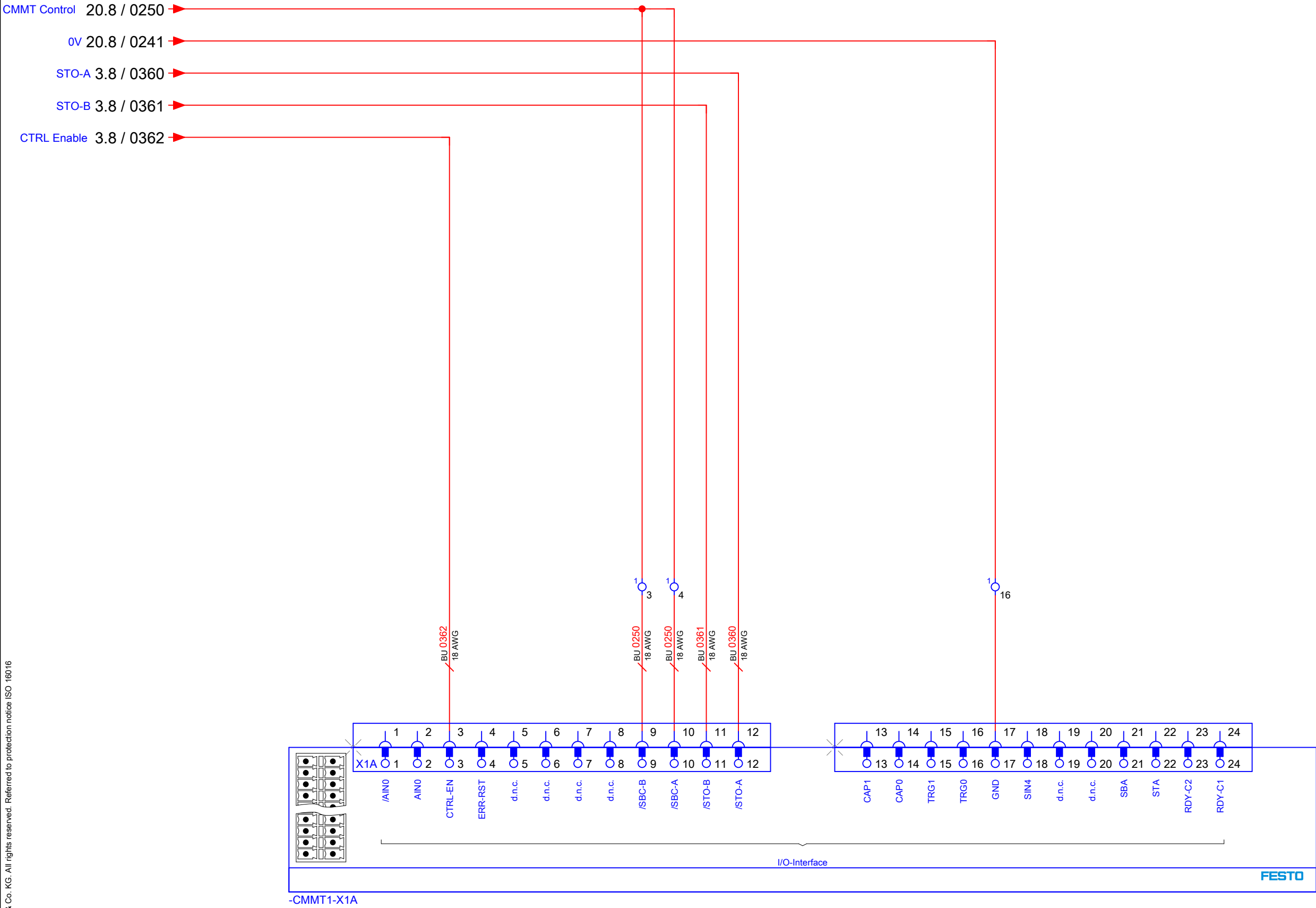
Important before shipping the panel, make sure :

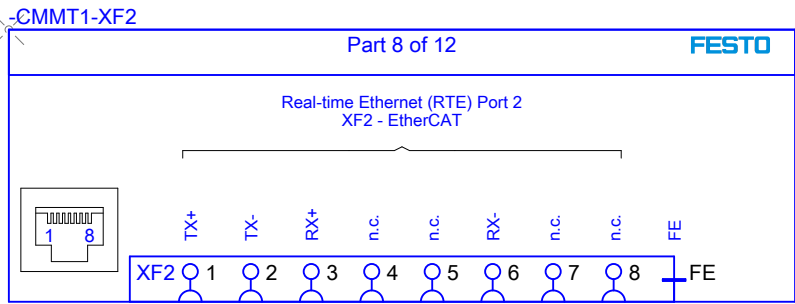
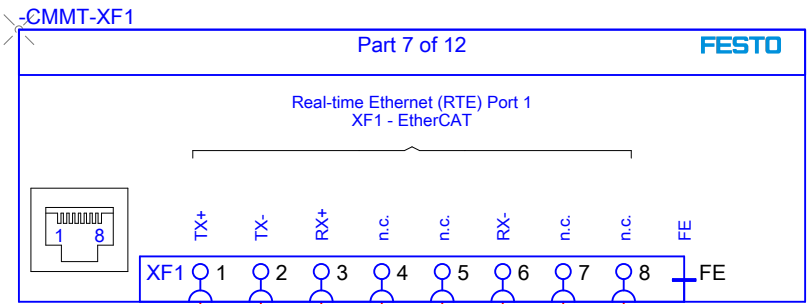
- Update Controller firmware to latest version V018.0.5

- Configure IP Address of the CMMT-AS-C4-3A-EC-S1 to be 172.17.101.11

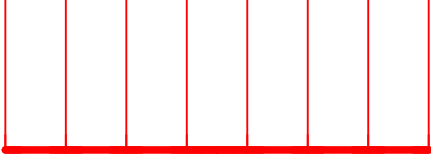


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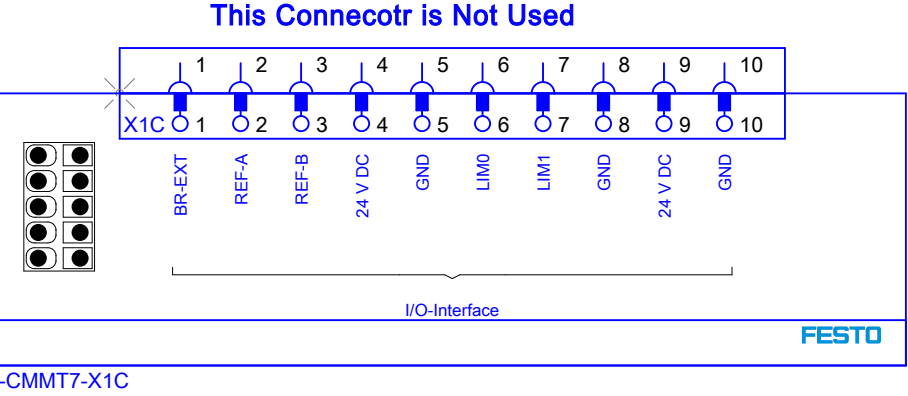
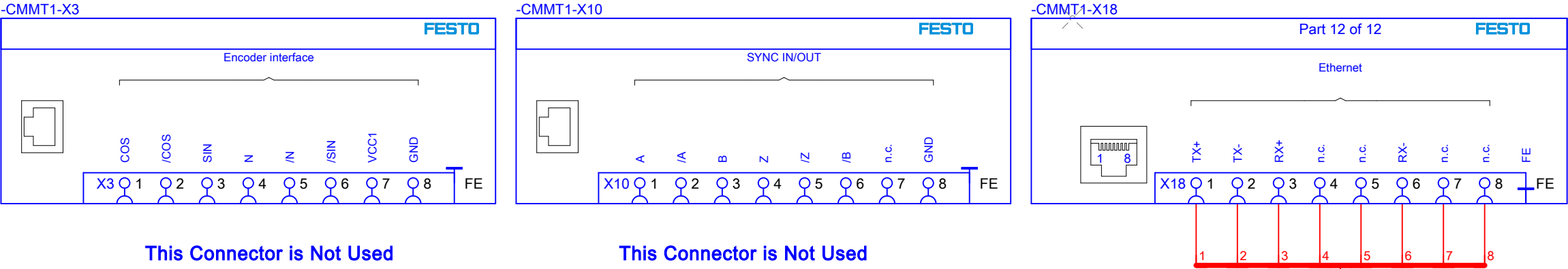


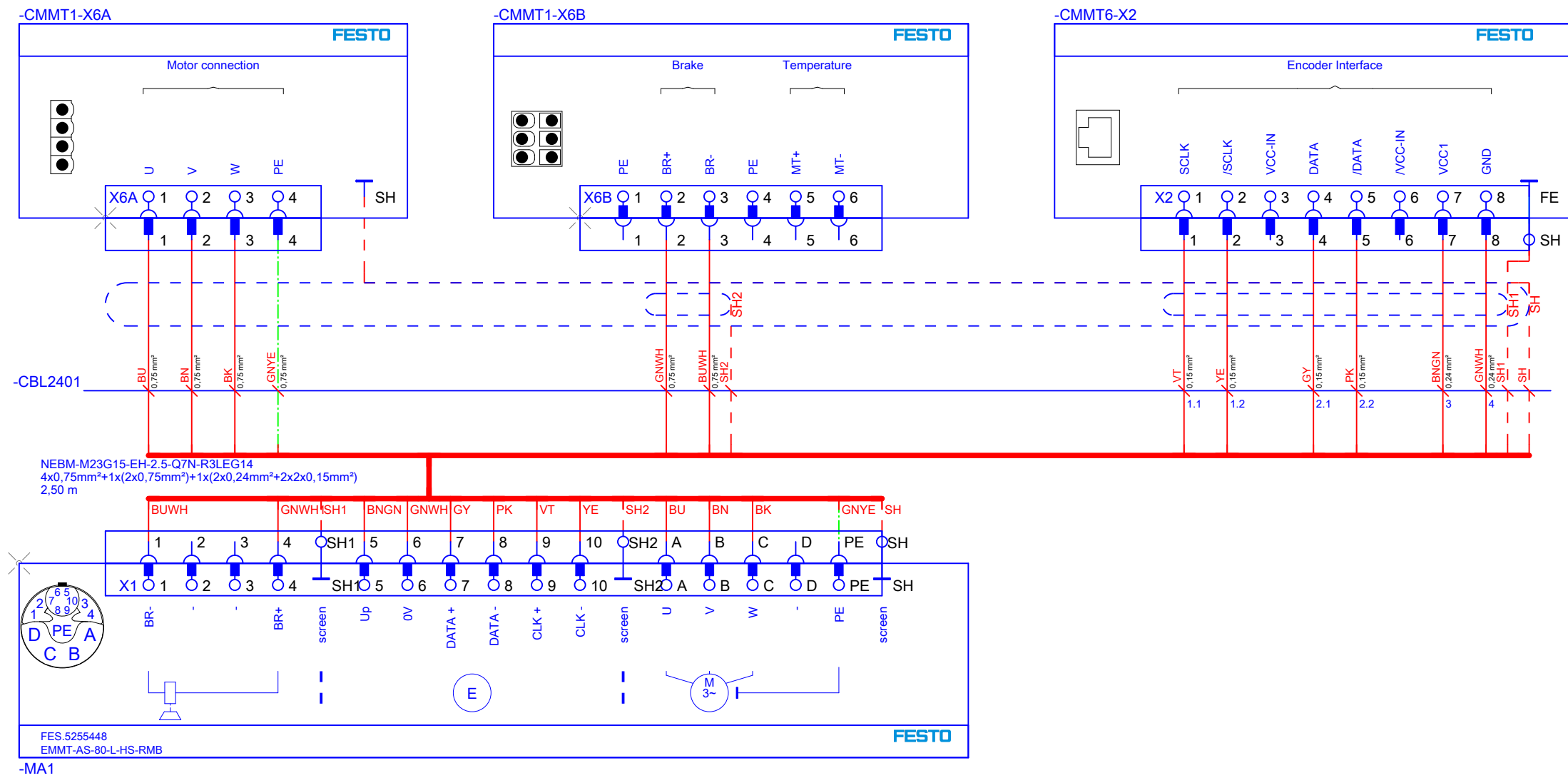
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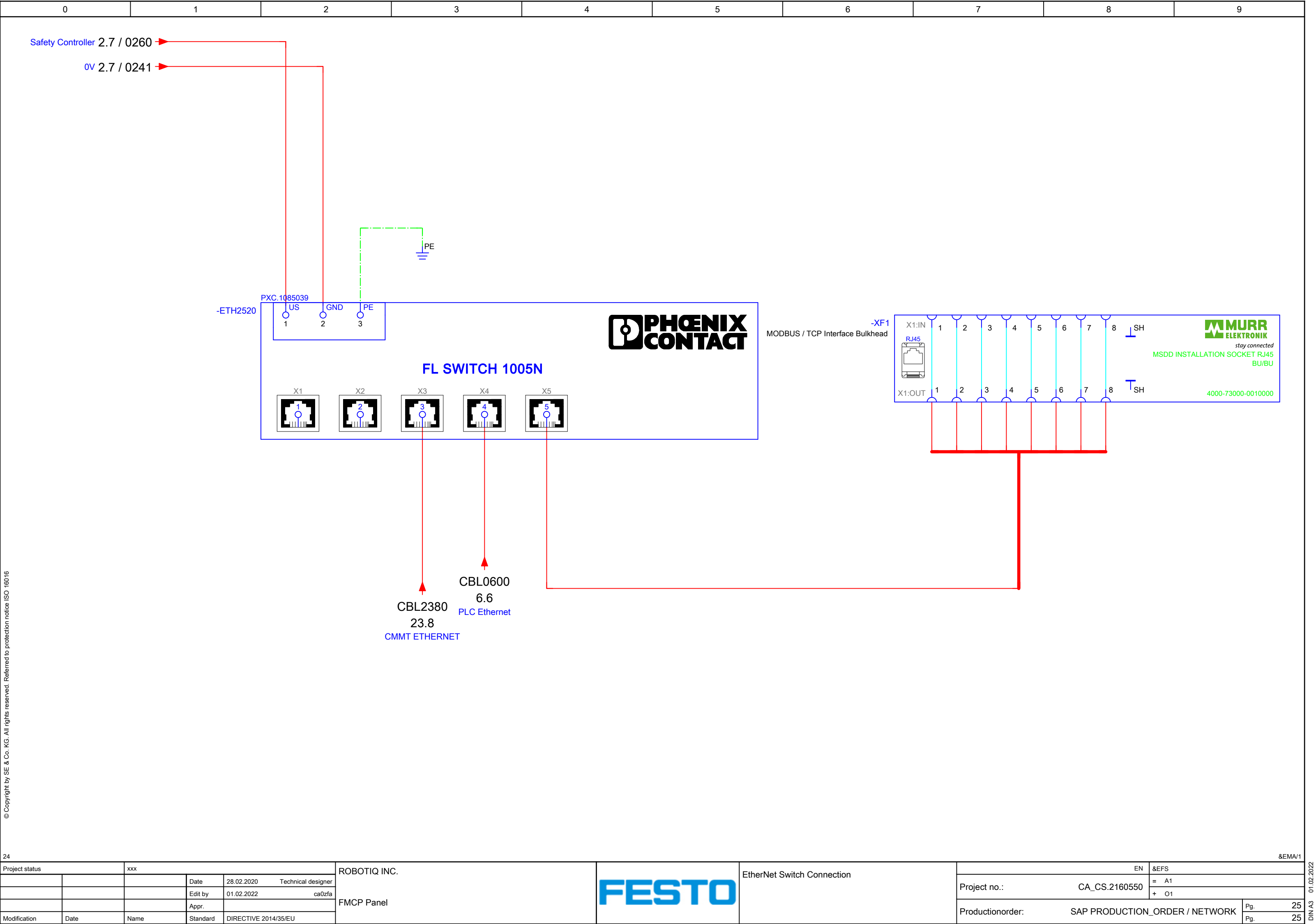


CBL0680
6.8

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