



EWQ-KAW1M and pCO – F.A.Q.

This document purpose is to explain some of the most asked questions that might happen when wiring a modular EWQ-KAW1M with the PCO. For further assistance check the unit manuals or contact Service support at fqs.technicalservices@daikineurope.com.

Please, note that access to Daikin portal is required to open the links inside this document.

1. The pCO included is a different version

The EWQ-KAW1M is managed by pCO controller using an specific Bios so it has the same behaviour as the pCO² model. However, you might find a different pCO model installed:

- pCO²: Original software, use as normal
- pCO³: Bios downgraded from factory to behave like a pCO²
 - Software & Bios on the Business portal ([Link to portal](#))
- pCO⁵⁺: Bios modified from factory to behave like a pCO²
 - Button layout is different -> Check [RNTI2020-10](#)
 - Software & bios on the Business portal ([Link to portal](#))

All the inputs and outputs and the power supply will be the same and there is no difference in the behaviour of the software compared with the one installed on a pCO². The pCO controller in the ECB kit has the correct software already installed.

2. I bought a spare pCO³ or a pCO⁵⁺ controller, how to connect?

The EWQ-KAW1M is designed for the bios of pCO² so the bios has to be downgraded by the installer. Instructions can be found in the business portal.

- Bulletin for pCO³: ([Link to portal](#))
- Bulletin for pCO³: [RNTI2020-10](#)
- PCO bios & software: ([Link to portal](#))
- PCO manager software: ([link to portal](#))
- Downgrade instructions: [open SVM at page 187](#) & [RNTI2020-10](#) Also, available in the annex

3. What are the pCO² passwords?

The passwords are:

- For the user: 1234
- For service: 1914

4. Can I install a Remote controller?

The pCO supports a remote controller called pLAN, but Daikin doesn't support the pLAN remote controller of the pCO; So Daikin doesn't sell the pLAN remote controller. Nonetheless, the installer is free to install a pLAN remote controller under its own responsibility by contacting Carel, the distributor, at: www.carel.com. Please, remember it must be compatible with a pCO² bios.

5. Where is the Wiring Diagram of EWWQ-KAW1M?

The EWWQ-KAW1M and the EWWP-KAW1M share the same control system. The wiring diagram of the EWWQ-KAW1M can be found at the service manual of the EWWP-KAW1M ([open SVM](#)), & [in the Business portal](#). Wiring diagram can also be found at the annex of this document.

Note: A1P at the wiring diagram is referring to the PCB terminal unit, pCO in this case.

6. How to set a Modbus communication with pCO?

The Modbus connection is possible after installing the Address Card EKAC200*.

- How to install the EKAC200*: [Installation manual](#) & [service manual](#)
 - Note: EKAC200* and the PCOS00485 are the same. Commercial/distributor name
- Modbus addresses can be found at: [section 3.9 Variable list for EUW32-72HZ units \("FLDKNMCH0A" V1.1M6\) of the service manual \(page number 106 or page reference 3-40\)](#) also in the annex of this document

7. How to install the ECB*MU*W?

The ECB*MU*W is used to communicate between the modular EWWQ-KAW1M units. Please, check [the installation manual on the portal](#) (also see instructions in the annex)

Revision #3
19/11/2020
Alexander Sarasola
DENV Technical Services Engineer

4.8 Software Loading Instructions for pCO³ Controllers (EWWP090-195KAW1M)

Note The pCO³ can't be programmed with the standard pCO² software. Special pCO³ software is required which is running a fake BIOS pCO².

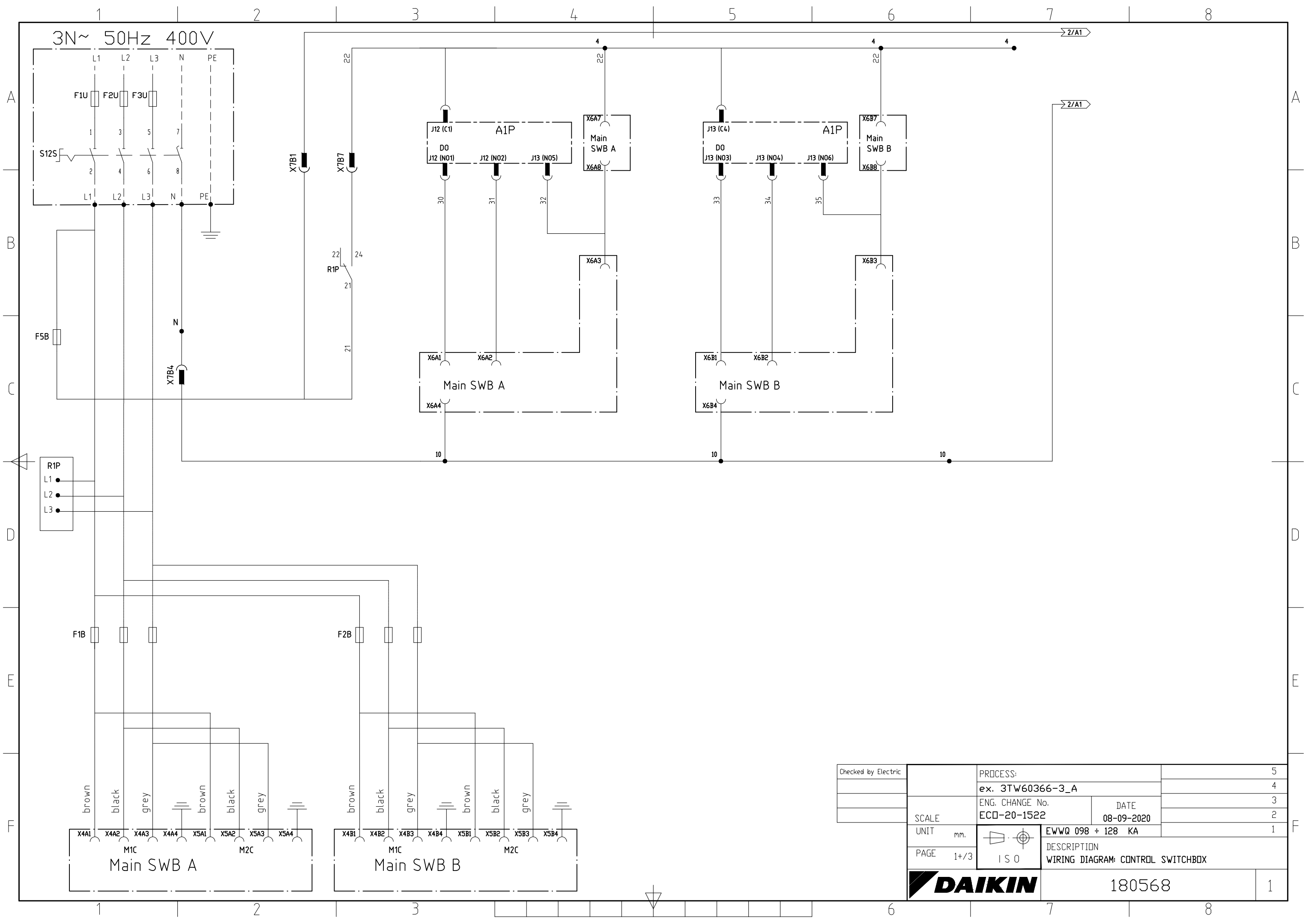
- Items Required**
- A laptop or PC.
 - Carel USB-RS485 converter + cable to connect the converter to the controller.
 - The latest version of the Winload program (3.37 or higher). This can be downloaded from the Daikin Extranet.
 - Unit software files. 2 different software files are available:
 - EWWP090-130KAW1M (2 modules)
 - EWWP145-195KAW1M (3 modules)

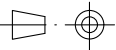
Using Winload, make a connection with the USB converter to the J10 pLAN connector of the Chiller Unit controller.

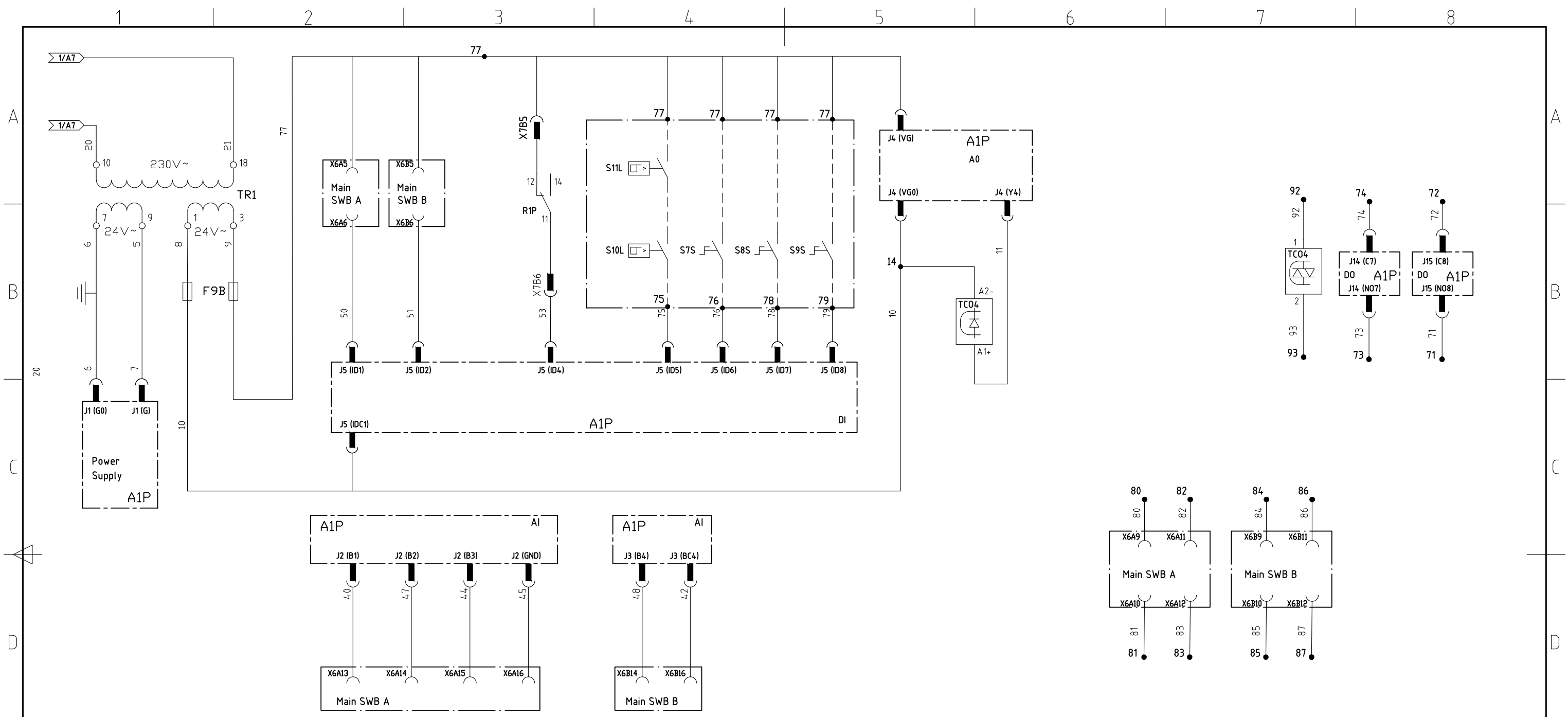
(Select pLAN node address to 0. pCO³ address can be found by holding down the alarm and up buttons simultaneously at controller power up. All controllers are default on address 0).

Once communications are established (cycling the power at the controller may be required if communication does not initiate):

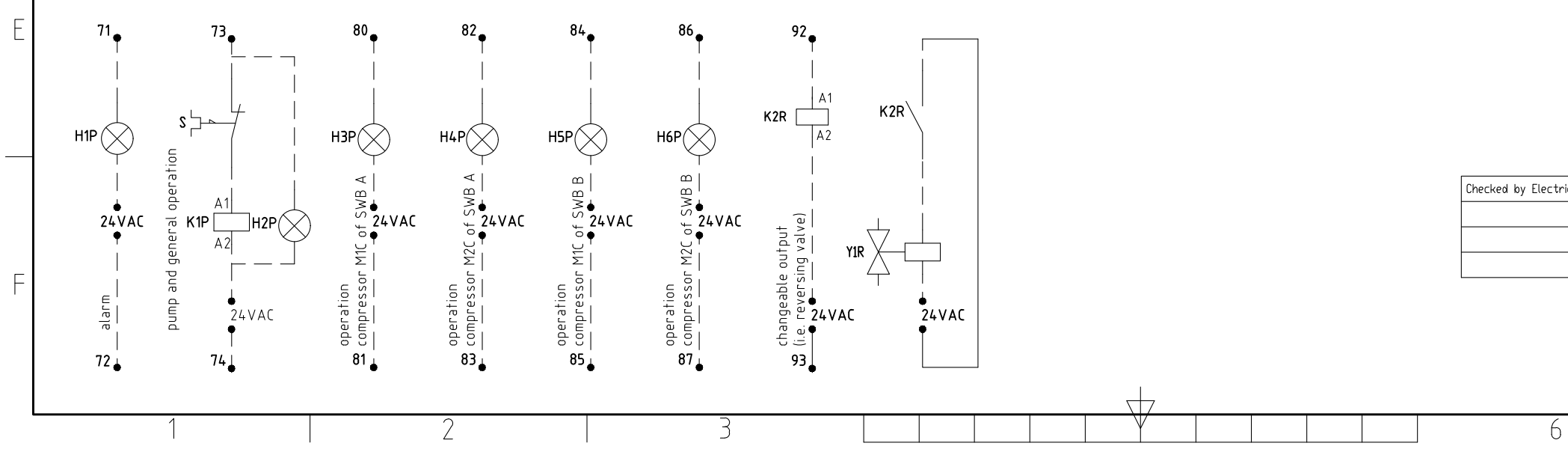
1. Select the Upload tab. Select the proper directory (highlight) where you have stored the software that you wish to load.
2. Select the Bios tab.
3. Select the "bios_pco3_fakepco2_384.bin" file.
4. Press UPLOAD to start loading the Bios file.
5. When upload is complete.
6. Re-establish communication (this should happen automatically).
7. Select the Application tab.
8. Highlight the blb, dev, and iup files.
 - CH0V12M6.blb
 - CH0V12M6_32.dev
 - 1.CH0V12M6EN.iup
 - 2.CH0V12M6GR.iup
 - 3.CH0V12M6FR.iup
 - 4.CH0V12M6SP.iup
 - 5.CH0V12M6IT.iup
 - 6.CH0V12M6NO.iup
9. Press UPLOAD to start loading these files.
10. When upload is complete. Remove power to the controller.
11. Disconnect RS485 cable from J10.
12. Apply power to controller.



Checked by Electric		PROCESS:		5	
		ex. 3TW60366-3_A		4	
		ENG. CHANGE No.	DATE	3	
		ECD-20-1522	08-09-2020	2	
	SCALE				
	UNIT	mm.		EWWQ 098 + 128 KA	1
	PAGE	1+/3		DESCRIPTION	
				WIRING DIAGRAM: CONTROL SWITCHBOX	
				180568	1



output terminals for fieldwiring example
Maximum output current:
Resistive: 2A; Configurable output Max. 0.5A
Inductive: 2A/Cos Phi 0.4; Configurable output Max. 0.5A/Cos Phi 0.9



Checked by Electric	PROCESS:		5
	ex. 3TW60366-3_A		4
	ENG. CHANGE No.	DATE	3
	ECC-20-1522	08-09-2020	2
SCALE	UNIT	mm.	1
PAGE	2+3	ISO	
DESCRIPTION			
WIRING DIAGRAM: CONTROL SWITCHBOX			
DAIKIN			
180568			
			1

A

B

C

D

E

F

A

B

C

D

E

F

A1P: DIGITAL INPUTS
J5 (ID1-IDC1): module safety A active
J5 (ID2-IDC1): module safety B active
J5 (ID3-IDC1): --
J5 (ID4-IDC1): reverse phase protector
J5 (ID5-IDC1): flowswitch
J5 (ID6-IDC1): changeable digital input 1×
J5 (ID7-IDC1): changeable digital input 2×
J5 (ID8-IDC1): changeable digital input 3×
× dual setpoint / remote start-stop/ remote cooling-heating/
capacity limitation 1-2-3-4

A1P: DIGITAL OUTPUTS (RELAY)
J12 (C1-N01): compressor 1 of module A on
J12 (C1-N02): compressor 2 of module A on
J12 (C1-N03): compressor 1 of module B on
J13 (C4-N04): compressor 2 of module B on
J13 (C4-N05): LP bypass on module A
J13 (C4-N06): LP bypass on module B
J14 (C7-N07): pump & general operation
J15 (C8-N08): alarm indication

A1P: ANALOG OUTPUTS
(Converted to digital outputs)
J4 (VG0-Y1): --
J4 (VG0-Y2): --
J4 (VG0-Y3): --
J4 (VG0-Y4): changeable digital output 1××
×× reversing valve/2nd evaporator pump/condenser pump/ 100%
capacity

A1P: ANALOG INPUTS
J2 (GND-B1): evaporator inlet t° measurement
J2 (GND-B2): evaporator A outlet t° measurement
J2 (GND-B3): condenser inlet t° measurement
J3 (BC4-B4): evaporator B outlet t° measurement
J3 (BC5-B5): --

	NOT STANDARD INCLUDED	
	NOT POSSIBLE AS OPTION	POSS. AS OPTION
OBLIGATORY	#	##
NOT OBLIGATORY	*	**

NOTES :

- 1

●

TERMINAL 1
- (2)
(1)

WIRE 2
- (3)

FIELD WIRING TO BE IN ACCORDANCE WITH
THE LOCAL ELECTRICAL REGULATIONS
- (4)

EARTH WIRING
- (5)

OPTION
- (6)

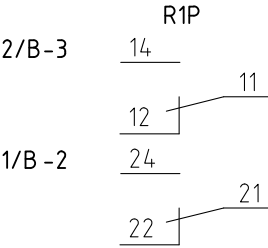
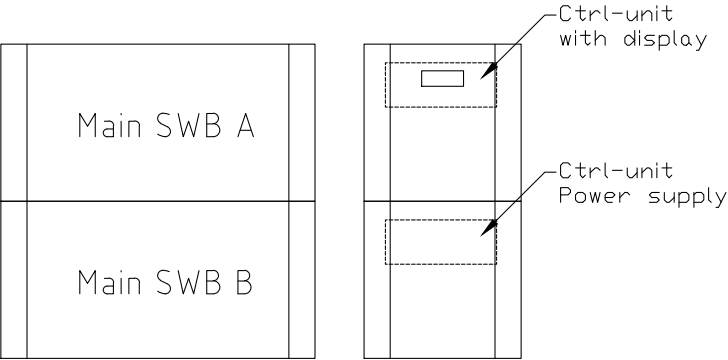
PCB
- (7)

Outside switchbox
- (8)

IF THE COMPRESSOR ROTATES REVERSELY,
IT MAY BE DAMAGED
- (9)

OPTIONAL
- (10)

connection continues on field 'F1' of page '1'



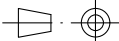
X7B	Connector 12pole to Main Ctrl Switchbox
X6A/B	Connector 16pole to Main Switchbox
Y1R	reversingvalve
TR1	transfo 230V -> 24V for supply of controllers
TC04	optocoupler (Analog to Digital signal), changeable output (reversing valve, 2nd. evap. pump, cond. pump, 100% cap.)
S12S	# main isolator switch
S11L	# contact that closes if pump is working
S10L	# flowswitch
S7S,S8S,S9S	changeable switch for remote function (dual setpoint, rem. start-stop, rem. cool-heat, cap. lim. 1..4)
R1P	reverse phase protector
PE	main earth terminal
M2C	compressor motor
M1C	compressor motor
J12,J13	Digital output
J5	Digital Input
J4	Analog Output
J2,J3	Analog Input
J1	Power supply
K1P	* pumpcontactor
H4P,H6P	* indication lamp operation compressor M2C (Main SWB A, B)
H3P,H5P	* indication lamp operation compressor M1C (Main SWB A, B)
H2P	* indication lamp general operation
H1P	* indication lamp alarm
F5B,F9B	fuse for the control circuit / secondary of TR1
F1B,F2B	#fuses for each circuit
F1U,F2U,F3U	# main fuses for the unit
A1P	PCB: Terminal unit

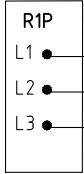
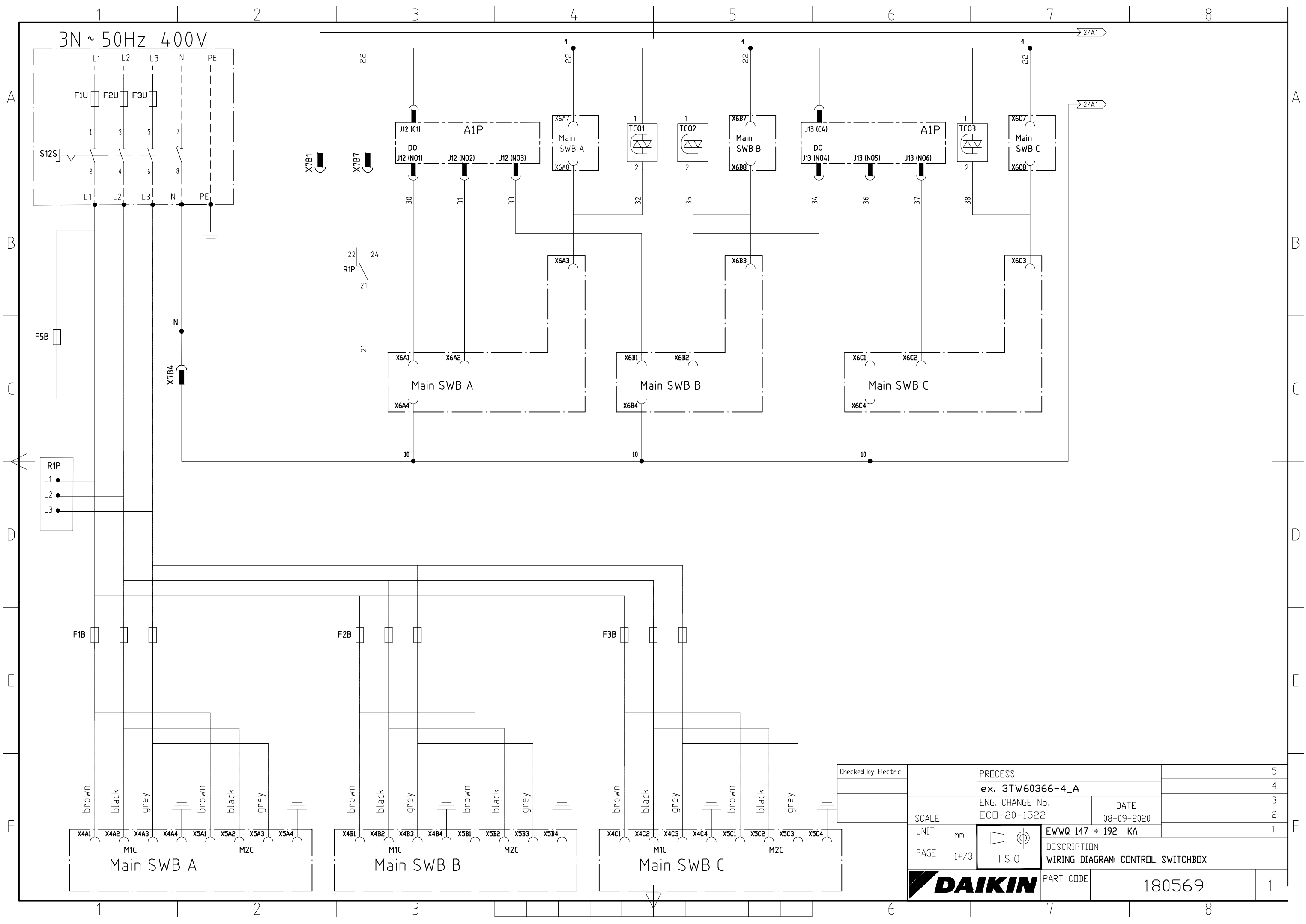
	400V	
Fuses To Main SWB	EWQ 049 KA	EWQ 064 KA
F1B, F2B	40gG	50gG
Fuses To Controlswitchbox		
F5B	1A	
F9B	1A	

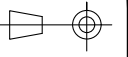
EWQ__KA	400V
Mainfuses Unit	F1U, F2U, F3U
098	63gG
113	80gG
128	100gG

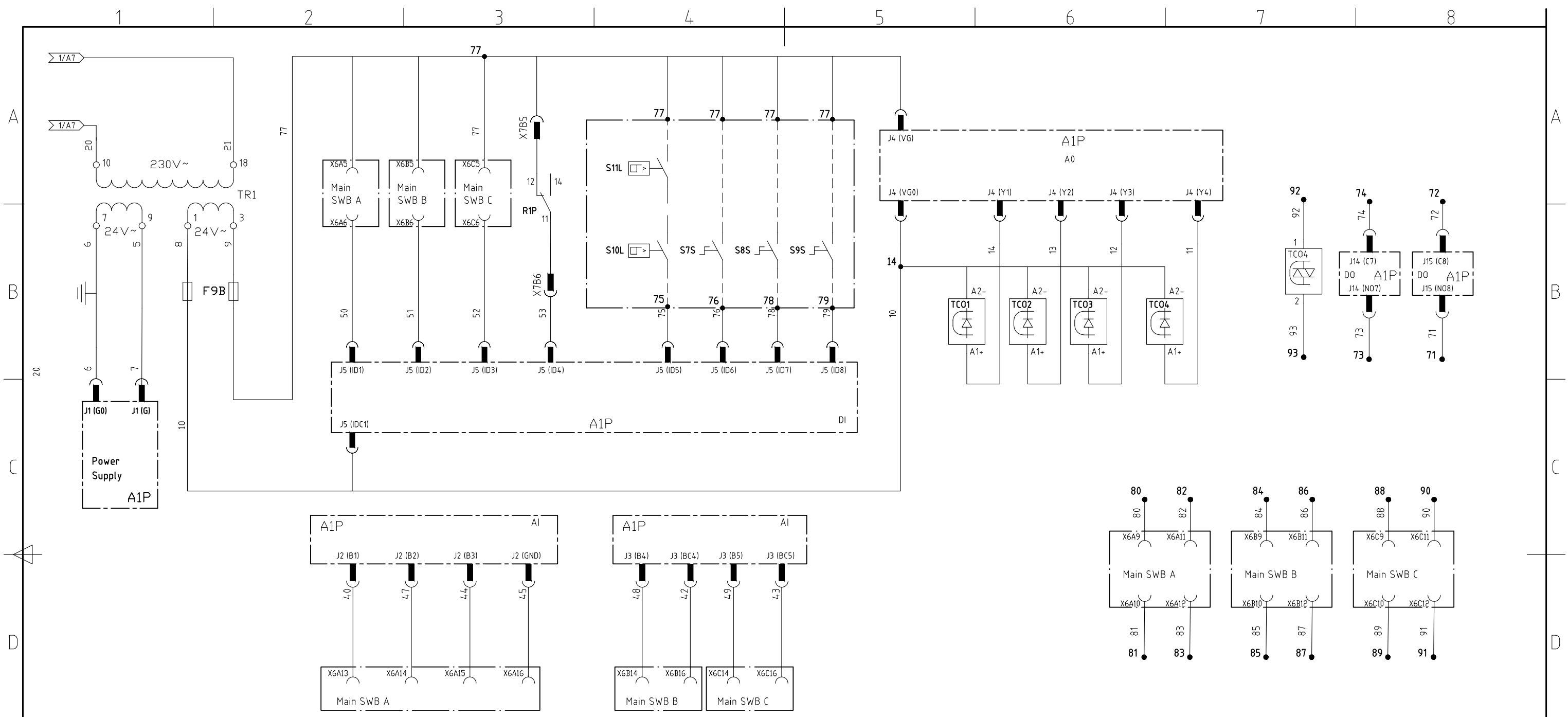
- recommended fuses gL/gG (aM also admitted)
according to IEC standard 269-2
(F1U,F2U,F3U = gL/gG)
- switchbox might only be used together with
main switchbox for: EWQ 098 ÷ 128 KA

Checked by Electric

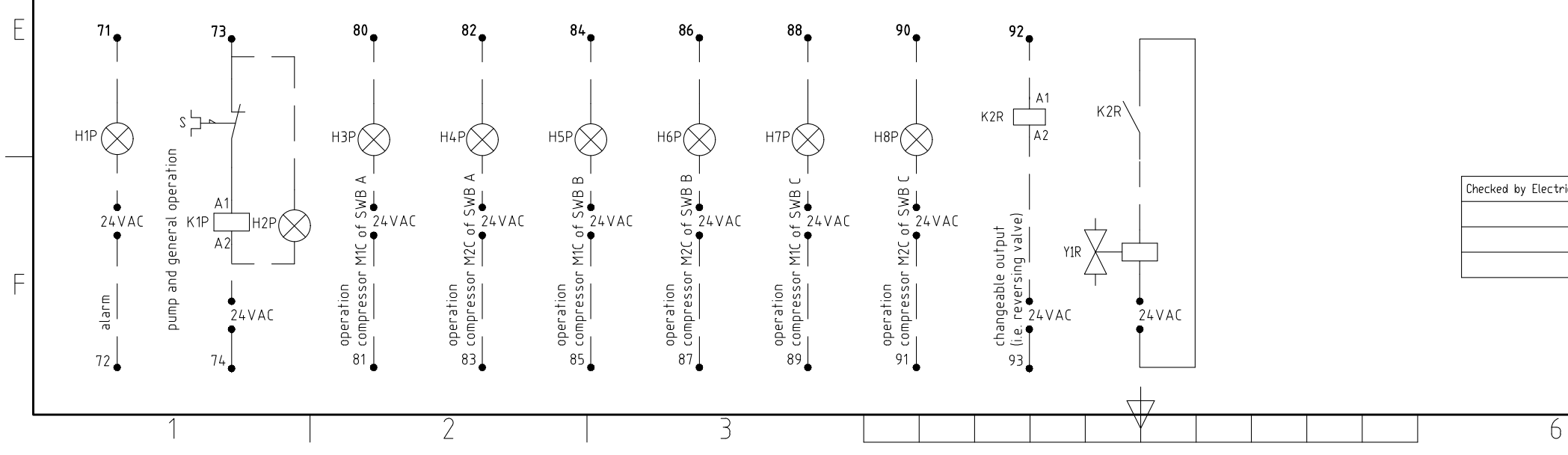
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		ex. 3TW60366-3_A		4
SCALE	ENG. CHANGE No. ECO-20-1522		DATE	3
			08-09-2020	2
UNIT	mm.		EWQ 098 + 128 KA	1
PAGE	3-/3		ISO	DESCRIPTION WIRING DIAGRAM: CONTROL SWITCHBOX
			180568	1

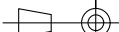


Checked by Electric	PROCESS:		5
	ex. 3TW60366-4_A		4
	ENG. CHANGE No.	DATE	3
	ECD-20-1522	08-09-2020	2
SCALE			1
UNIT	mm.		EWVQ 147 + 192 KA
PAGE	1+/3	DESCRIPTION WIRING DIAGRAM: CONTROL SWITCHBOX	
PART CODE		180569	1



output terminals for fieldwiring example
Maximum output current:
Resistive: 2A; Configurable output Max. 0.5A
Inductive: 2A/Cos Phi 0.4; Configurable output Max. 0.5A/Cos Phi 0.9



Checked by Electric		PROCESS:			5
		ex. 3TW60366-4_A			4
	SCALE	ENG. CHANGE No. ECO-20-1522	DATE 08-09-2020		3
					2
	UNIT		EWWQ 147 + 192 KA		1
	mm.				
	PAGE	2+/3	DESCRIPTION WIRING DIAGRAM: CONTROL SWITCHBOX		
			PART CODE	180569	1

A

B

C

D

E

F

A

B

C

D

E

F

A1P: DIGITAL INPUTS
J5 (ID1-IDC1): module safety A active
J5 (ID2-IDC1): module safety B active
J5 (ID3-IDC1): module safety C active
J5 (ID4-IDC1): reverse phase protector
J5 (ID5-IDC1): flowswitch
J5 (ID6-IDC1): changeable digital input 1×
J5 (ID7-IDC1): changeable digital input 2×
J5 (ID8-IDC1): changeable digital input 3×
× dual setpoint / remote start-stop/ remote cooling-heating/
capacity limitation 1-2-3-4

A1P: DIGITAL OUTPUTS (RELAY)
J12 (C1-N01): compressor 1 of module A on
J12 (C1-N02): compressor 2 of module A on
J12 (C1-N03): compressor 1 of module B on
J13 (C4-N04): compressor 2 of module B on
J13 (C4-N05): compressor 1 of module C on
J13 (C4-N06): compressor 2 of module C on
J14 (C7-N07): pump & general operation
J15 (C8-N08): alarm indication

A1P: ANALOG OUTPUTS
(Converted to digital outputs)
J4 (VG0-Y1): LP bypass of module A
J4 (VG0-Y2): LP bypass of module B
J4 (VG0-Y3): LP bypass of module C
J4 (VG0-Y4): changeable digital output 1××
×× reversing valve/2nd evaporator pump/condenser pump/ 100%
capacity

A1P: ANALOG INPUTS
J2 (GND-B1): evaporator inlet t° measurement
J2 (GND-B2): evaporator A outlet t° measurement
J2 (GND-B3): condenser inlet t° measurement
J3 (BC4-B4): evaporator B outlet t° measurement
J3 (BC5-B5): evaporator C outlet t° measurement

	NOT STANDARD INCLUDED	
	NOT POSSIBLE AS OPTION	POSS. AS OPTION
OBLIGATORY	#	#
NOT OBLIGATORY	*	**

NOTES :

- 1

●

TERMINAL 1
- (2)
(1)

WIRE 2
- (3)

FIELD WIRING TO BE IN ACCORDANCE WITH
THE LOCAL ELECTRICAL REGULATIONS
- (4)

EARTH WIRING
- (5)

OPTION
- (6)

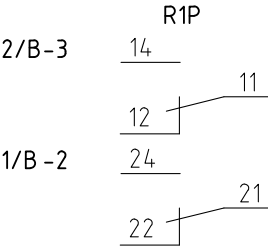
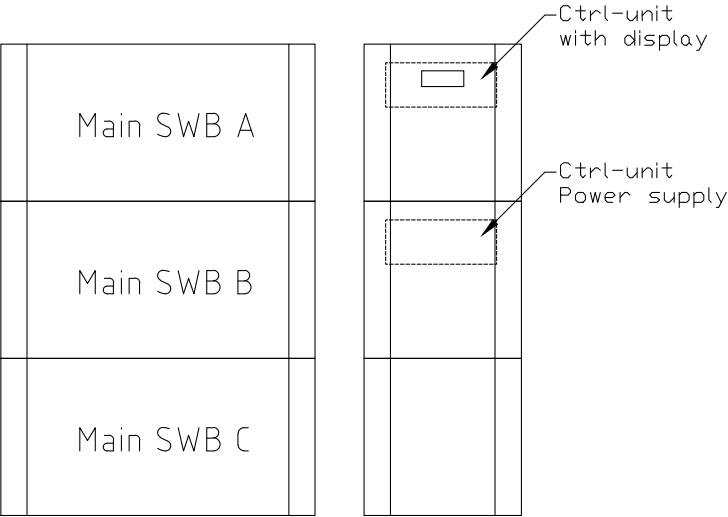
PCB
- (7)

Outside switchbox
- (8)

IF THE COMPRESSOR ROTATES REVERSELY,
IT MAY BE DAMAGED
- (9)

OPTIONAL
- (10)

connection continues on field 'F1' of page '1'

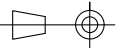


400V		
Fuses To Main SWB	EWQ 049 KA	EWQ 064 KA
F1B, F2B, F3B	40gG	50gG
Fuses To Controlswitchbox		
F5B	1A	
F9B	1A	

EWQ__KA	400V
Mainfuses Unit	F1U, F2U, F3U
147	100gG
162	125gG
177	125gG
192	125gG

- recommended fuses gL/gG (aM also admitted)
according to IEC standard 269-2
(F1U,F2U,F3U = gL/gG)
- switchbox might only be used together with
main switchbox for: EWQ 147 ÷ 192 KA

X7B	Connector 12pole to Main Ctrl Switchbox	
X6A/B/C	Connector 16pole to Main Switchbox	
Y1R	reversingvalve	
TR1	transfo 230V -> 24V for supply of controllers	
TC04	optocoupler (Analog to Digital signal), changeable output (reversing valve, 2nd. evap. pump, cond. pump, 100% cap.)	
TC01, TC02 TC03	optocoupler (Analog to Digital signal), LP bypass	
S12S	#	main isolator switch
S11L	#	contact that closes if pump is working
S10L	#	flowswitch
S7S,S8S,S9S	changeable switch for remote function (dual setpoint, rem. start-stop, rem. cool-heat, cap. lim. 1..4)	
R1P	reverse phase protector	
PE	main earth terminal	
M2C	compressor motor	
M1C	compressor motor	
J12,J13	Digital output	
J5	Digital Input	
J4	Analog Output	
J2,J3	Analog Input	
J1	Power supply	
K1P	*	pumpcontactor
H4P,H6P,H8P*	indication lamp operation compressor M2C (Main SWB A, B, C)	
H3P,H5P,H7P*	indication lamp operation compressor M1C (Main SWB A, B, C)	
H2P	*	indication lamp general operation
H1P	*	indication lamp alarm
F5B,F9B	fuse for the control circuit / secondary of TR1	
F1B,F2B,F3B	#	fuses for each circuit
F1U,F2U,F3U	#	main fuses for the unit
A1P	PCB	

Checked by Electric		PROCESS:			5
		ex. 3TW60366-4_A			4
		ENG. CHANGE No.	DATE		3
		ECD-20-1522	08-09-2020		2
	SCALE				
	UNIT	mm.		EWQ 147 + 192 KA	1
	PAGE	3-/3	I S O	DESCRIPTION	
				WIRING DIAGRAM: CONTROL SWITCHBOX	
			PART CODE	180569	1

3.9 Variable list for EUW32-72HZ units ("FLDKNMCH0A" V1.1M6)

Digital variables

The table below shows the digital variables:

Address	Read/ write	Description	Comments	
			2 modules: 32-48HP	3 modules: 52-72HP
1	r	Unit status: monitoring	1=On, 0=Off	
2	w	Unit status: control	If 1 is written, then toggle status unit. After this action the controller resets this parameter	
3	r	Remote On/off enabled	1=Yes 0=No (Yes if changeable digital inputs 'REMOTE ON/OFF' is selected)	
4	r	General alarm	1=alarm, 0=no alarm	
5	r	General Unit alarm	1=alarm, 0=no alarm	
6	r	General Module 1 alarm	1=alarm, 0=no alarm	
7	r	General Module 2 alarm	1=alarm, 0=no alarm	
8	r	General Module 3 alarm	1=alarm, 0=no alarm	
9	r	---		
10	r	General Warning alarm	1=alarm, 0=no alarm	
11	r	DI1 (0=open, 1=closed)	Module 1 safety	
12	r	DI2	Module 2 safety	
13	r	DI3	---	Module 3 safety
14	r	DI4	Reverse phase protector	
15	r	DI5	Flow-switch	
16	r	DI6	Changeable Input 1	
17	r	DI7	Changeable Input 2	
18	r	DI8	Changeable Input 3	
19	r	DO1	Compressor 11 status	
20	r	DO2	Compressor 12 status	
21	r	DO3	Compressor 21 status	
22	r	DO4	Compressor 22 status	
23	r	DO5	LP bypass 1 switch	Compressor 31 status
24	r	DO6	LP bypass 2 switch	Compressor 32 status
25	r	DO7	Pump - general operation status	
26	r	DO8	General situation of alarm	
27	r	AO1 (used as digital output)	---	LP bypass 1 switch
28	r	AO2 (used as digital output)	---	LP bypass 2 switch
29	r	AO3 (used as digital output)	---	LP bypass 3 switch
30	r	AO4 (used as digital output)	Changeable digital output 1	

Integer variables

The table below shows the integer variables:

Address	Read/ write	Description	Unit of measurement	Comments	
				2 modules: 32-48HP	3 modules: 52-72HP
1	---	---		---	
2	r	Malfunction code of unit safety		0=no safety 1="HC", 2="C9", ...refer to overview	
3	r	Malfunction code of module 1 safety		0=no safety	
4	r	Malfunction code of module 2 safety		1="CA", 2="E0", ...refer to overview	
5	r	Malfunction code of module 3 safety			
6	---	---		---	
7	---	---		---	
8	r/w	Cooling/Heating mode setting		0="cooling (EVAP)" 1="HEATING (COND)" (only if no remote C/H)	
9	r/w	Running mode		0="MANUAL MODE" 1="INL WATER STEP"	
10	r	Active mode		0="MANUAL MODE " 1="INLSETP1 E:" 2="INLSETP2 E:" 3="INLSETP1 C:" 4="INLSETP2 C:"	
11	r	Actual thermostat step			
12	r	Max. number of thermostat step			
13	r	Status of compr 11		0="ON"	
14	r	Status of compr 12		1="OFF - CAN STATRTUP"	
15	r	Status of compr 21		2="OFF - TIMERS BUSY"	
16	r	Status of compr 22		3="OFF - LIMIT"	
17	r	Status of compr 31		4="OFF - FREEZE UP DIS"	
18	r	Status of compr 32		5="OFF - SAFETY ACT"	
19	r	Running hours compr 11 (Higher part)	h x 1000	Running hours = Higher part x 1000 + Lower part	
20	r	Running hours compr 11 (Lower part)	h		
21	r	Running hours compr 12 (Higher part)	h x 1000		
22	r	Running hours compr 12 (Lower part)	h		
23	r	Running hours compr 21 (Higher part)	h x 1000		
24	r	Running hours compr 21 (Lower part)	h		
25	r	Running hours compr 22 (Higher part)	h x 1000		
26	r	Running hours compr 22 (Lower part)	h		
27	r	Running hours compr 31 (Higher part)	h x 1000		
28	r	Running hours compr 31 (Lower part)	h		
29	r	Running hours compr 32 (Higher part)	h x 1000		
30	r	Running hours compr 32 (Lower part)	h		

Address	Read/ write	Description	Unit of measurement	Comments	
				2 modules: 32-48HP	3 modules: 52-72HP
31	r/w	Manual setting of compr 11		0="OFF", 1="ON"	
32	r/w	Manual setting of compr 12			
33	r/w	Manual setting of compr 21			
34	r/w	Manual setting of compr 22			
35	r/w	Manual setting of compr 31			
36	r/w	Manual setting of compr 32			
37	r/w	Maximum nr of steps		0="2", 1="4"	1="4", 2="6"
38	r/w	Loadup time in inlet control	s		
39	r/w	Loaddown time in inlet control	s		
40	r	Unittyp1		0="WW"	
41	r	Unittyp2		0="HP"	
42	r	Unittyp3		0="32", 1="36", 2="40", 3="44", 4="48"	0="52", 1="56", 2="60", 3="64", 4="68, 5="72"
43	r	Refrigerant		0="R134a", 1="R407C"	
44	r	MOW		0="8°C", 1="5°C", 2="4°C", 3="2°C", 4="0°C", 5="-5°C", 6="-10°C"	
101	r	SoftCode		1="FLDKNMCH0A" 2="FLDKNMCHLA"	
102	r	SoftVersionHigh		Software version = V SoftVersionHigh.SoftVersionLow	
103	r	SoftVersionLow			
104	r	BootversionHigh		Bootversion = V BootVersionHigh.BootVersionLow	
105	r	BootVersionLow			
106	r	BiosVersionHigh		Software version = V BiosVersionHigh.BiosVersionLow	
107	r	BiosVersionLow			

Analogue variables The table below shows the analogue variables:

Address	Read/ write	Description	Unit of measurement	Comments	
				2 modules: 32-48HP	3 modules: 52-72HP
1	r	Analog input 1	°C x 1/10	Evap Inlet water sensor	
2	r	Analog input 2		Evaporator outlet water sensor of module 1	
3	r	Analog input 3		Condensor inlet water sensor	
4	r	Analog input 4		Evaporator outlet water sensor of module 2	
5	r	Analog input 5		Evaporator outlet water sensor of module 3	
6	r	Active inlet evaporator setpoint			
7	r	Active inlet condensor setpoint			
8	r/w	Inlet setpoint 1 Evaporator			
9	r/w	Inlet setpoint 2 Evaporator			
10	r/w	Inlet setpoint 1 Condensor			
11	r/w	Inlet setpoint 2 Condensor			
12	r/w	Step lenght inlet control			
13	r/w	Step difference inlet			

**Integer values of
safetycodes**

The table below shows the integer values of safetycodes:

	Value	Message safety menu		
Integer address 2: Malfunction code of unit safety	1	0HC:INL C SENSOR ERR		
	2	0C9:INL E SENSOR ERR		
	3	0U1: REVERSE PHASE PR		
	4	0AE:FLOW HAS STOPPED		
Integer address: 3: Safety 4: Malfunction safety 5: Malfunction code of module 3 safety		Module 1 safety	Module 2 safety	Module 3 safety
	1	1CA:OUT E SENSOR ERR	2CA:OUT E SENSOR ERR	3CA:OUT E SENSOR ERR
	2	1E0:GENERAL SAFETY	2E0:GENERAL SAFETY	3E0:GENERAL SAFETY
	3	1A4:FREEZE-UP PROT.	2A4/FREEZE-UP PROT.	3A4:FREEZE-UP PROT.

ANNEX I

Installing the control box

ANHANG I

Schaltkasten installieren

ANNEXE I

Installation du boîtier de commande

BIJLAGE I

Monteren van de besturingskast

ANEXO I

Instalación de la caja de mandos

APPENDICE I

Installazione della scatola dei controlli

ΠΑΡΑΡΤΗΜΑ I

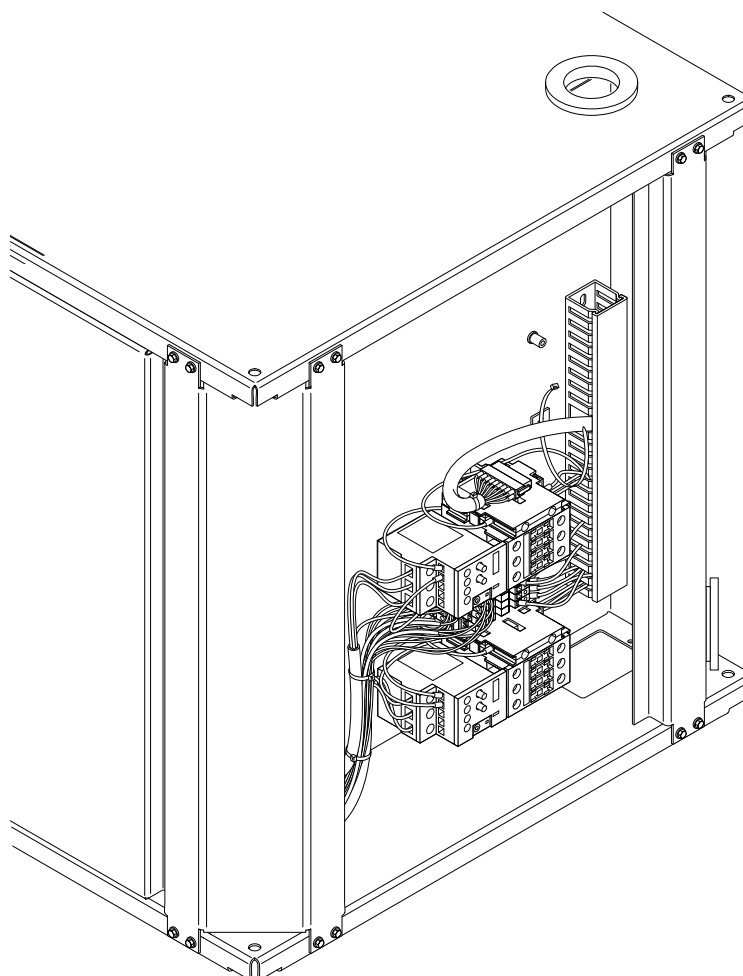
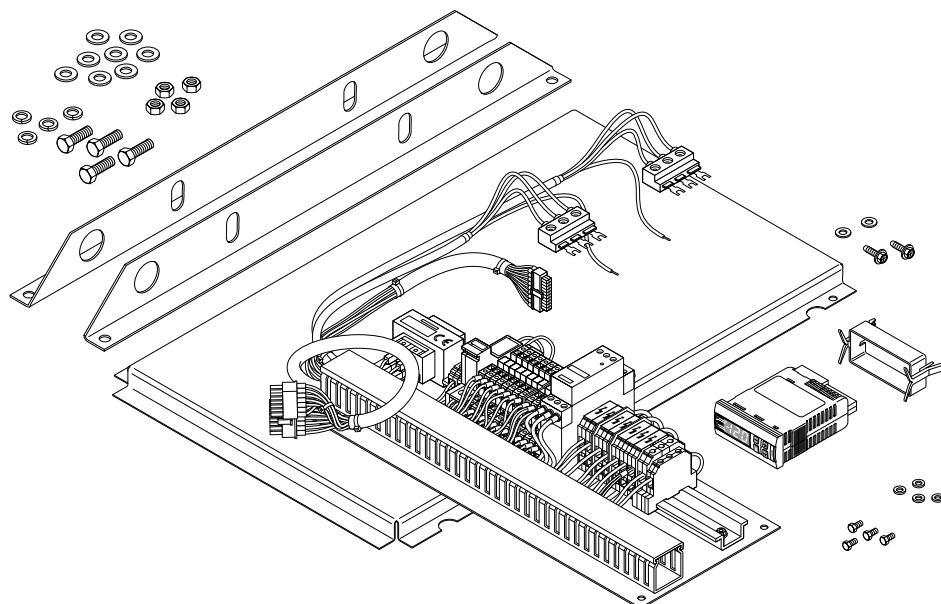
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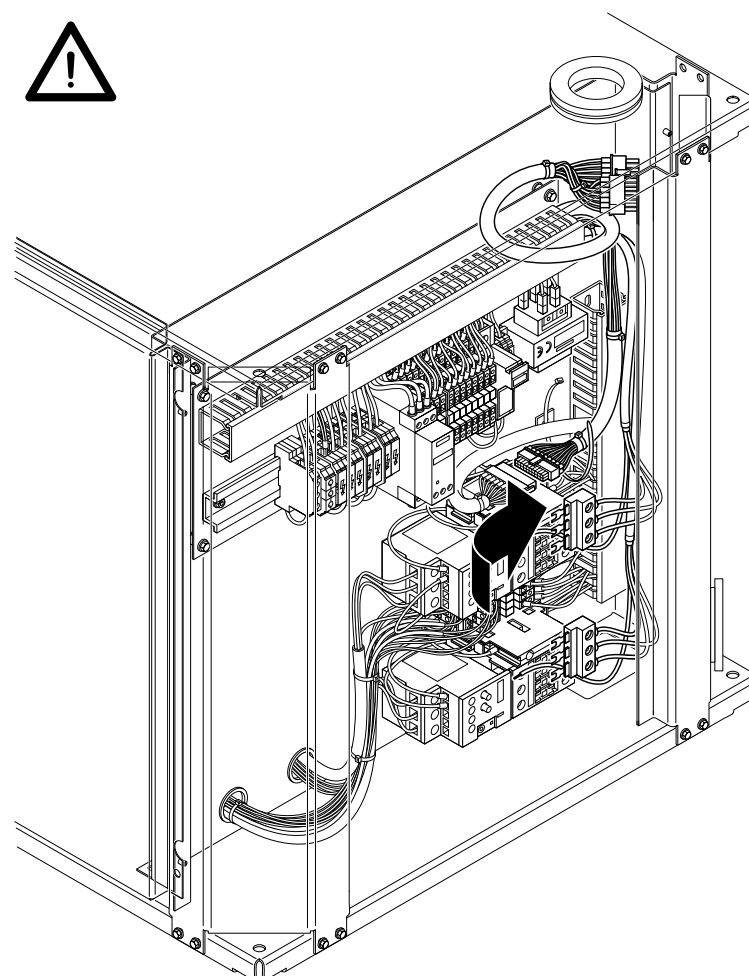
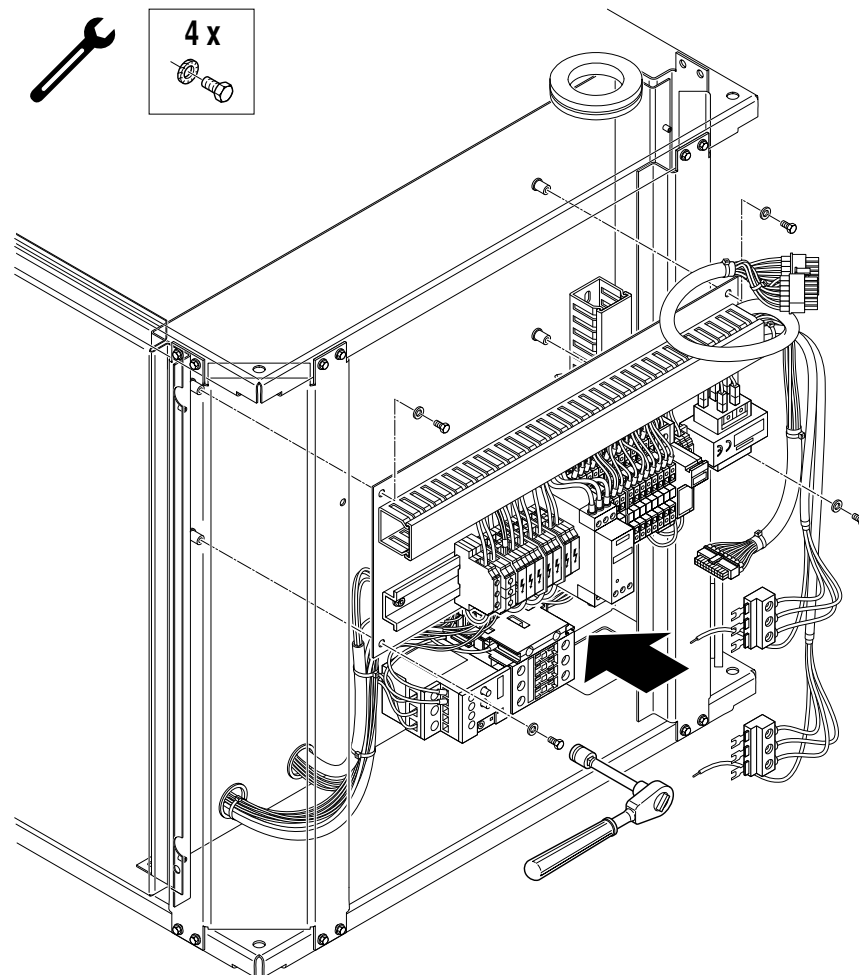
ANEXO I

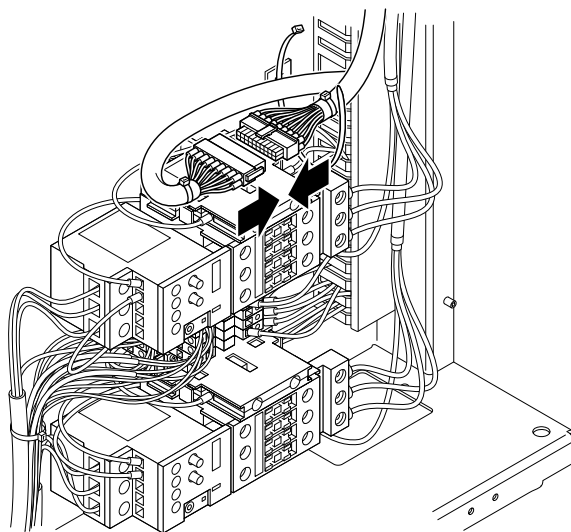
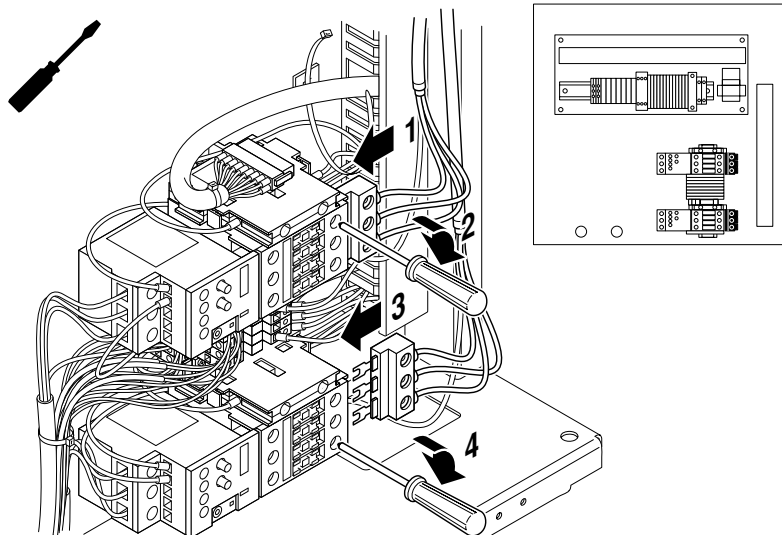
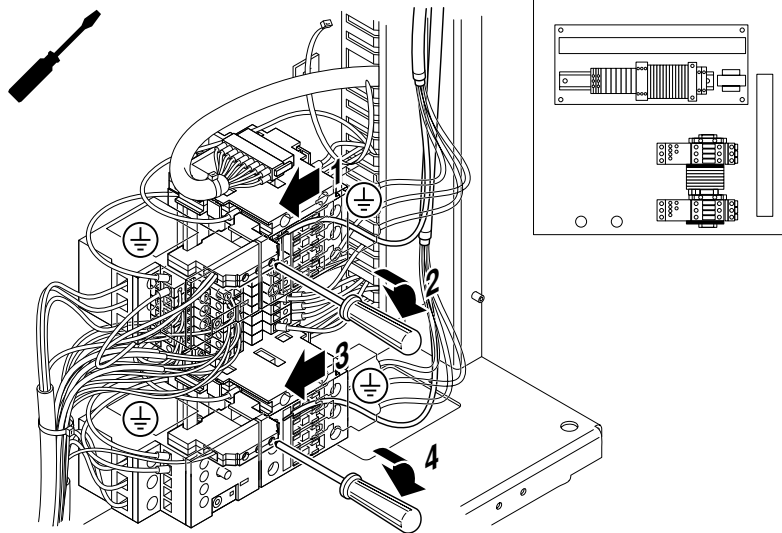
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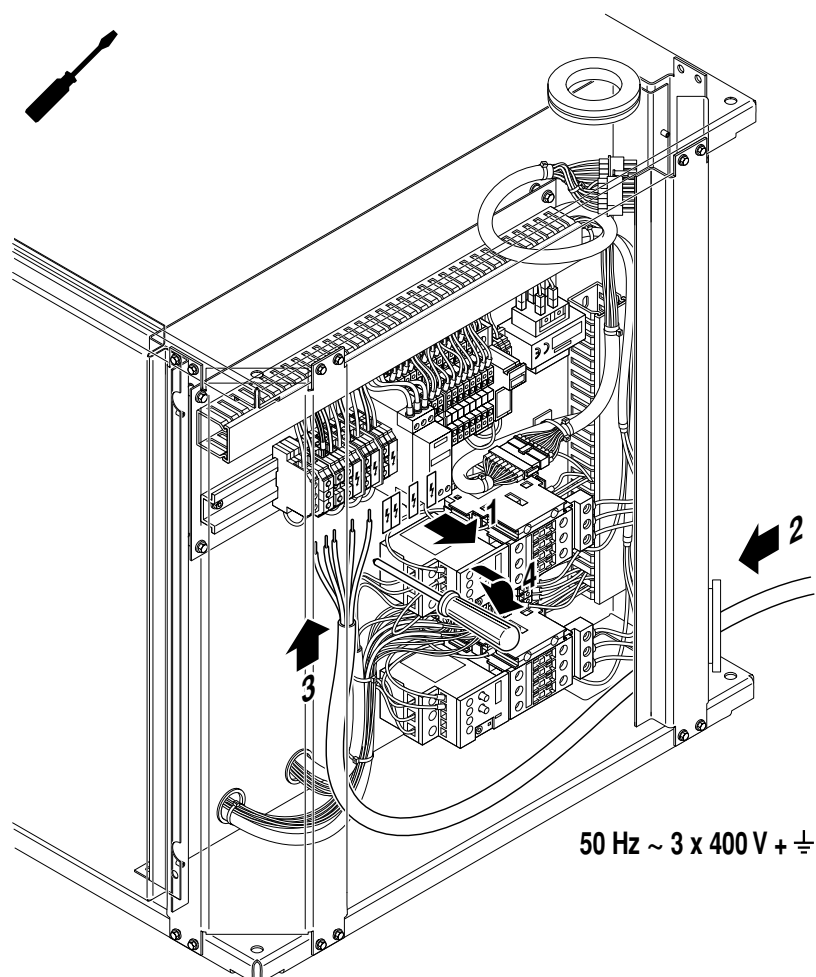
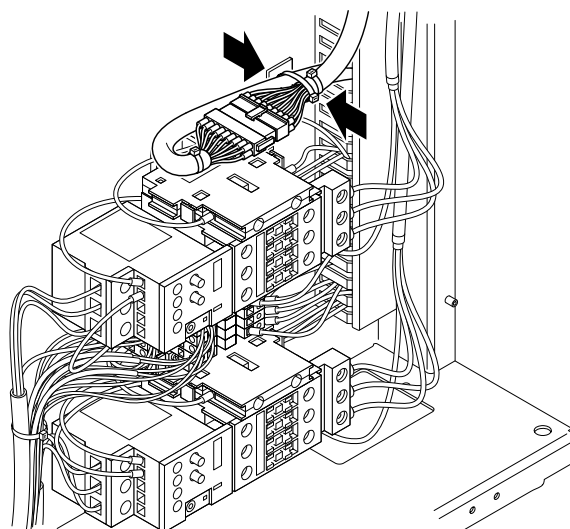
ПРИЛОЖЕНИЕ I

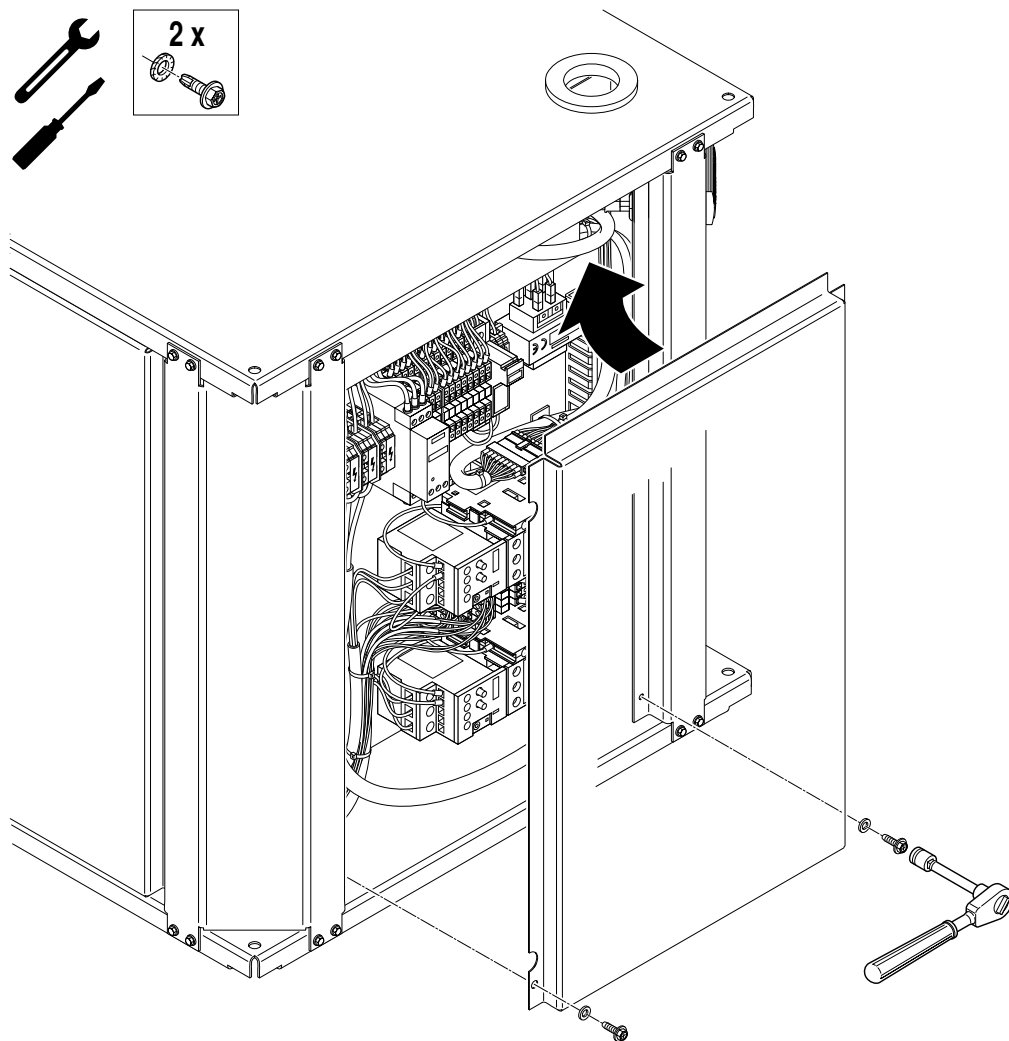
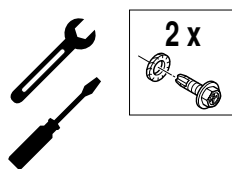
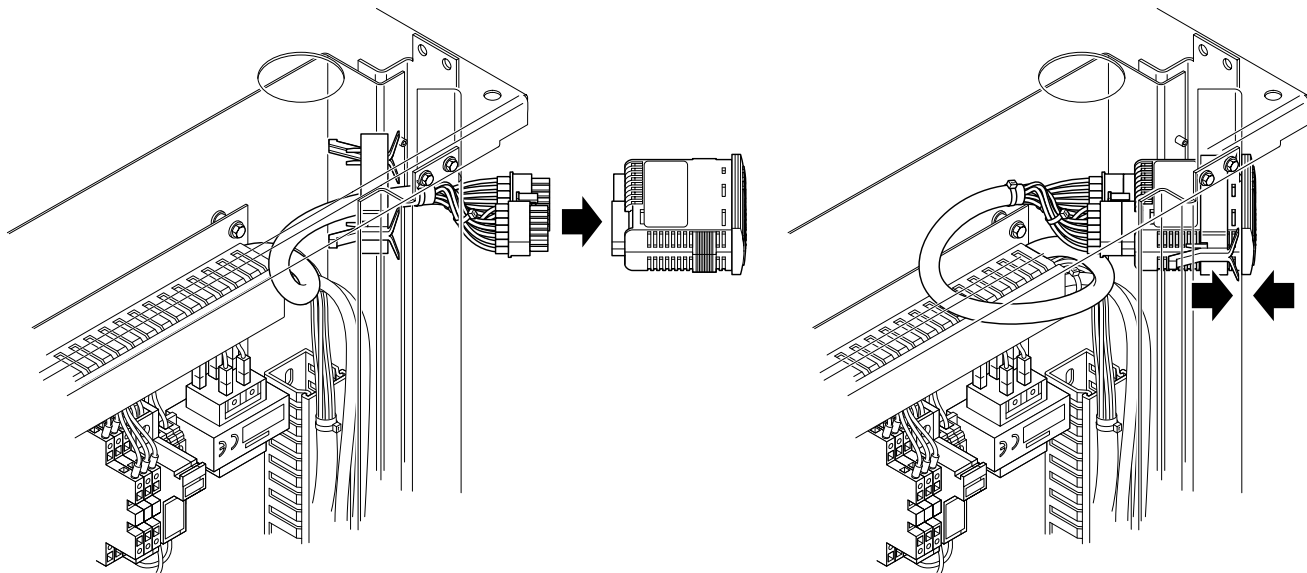
Установка блока управления











ANNEX II

Installing the control box

ANHANG II

Schaltkasten installieren

ANNEXE II

Installation du boîtier de commande

BIJLAGE II

Monteren van de besturingskast

ANEXO II

Instalación de la caja de mandos

APPENDICE II

Installazione della scatola dei controlli

ΠΑΡΑΡΤΗΜΑ II

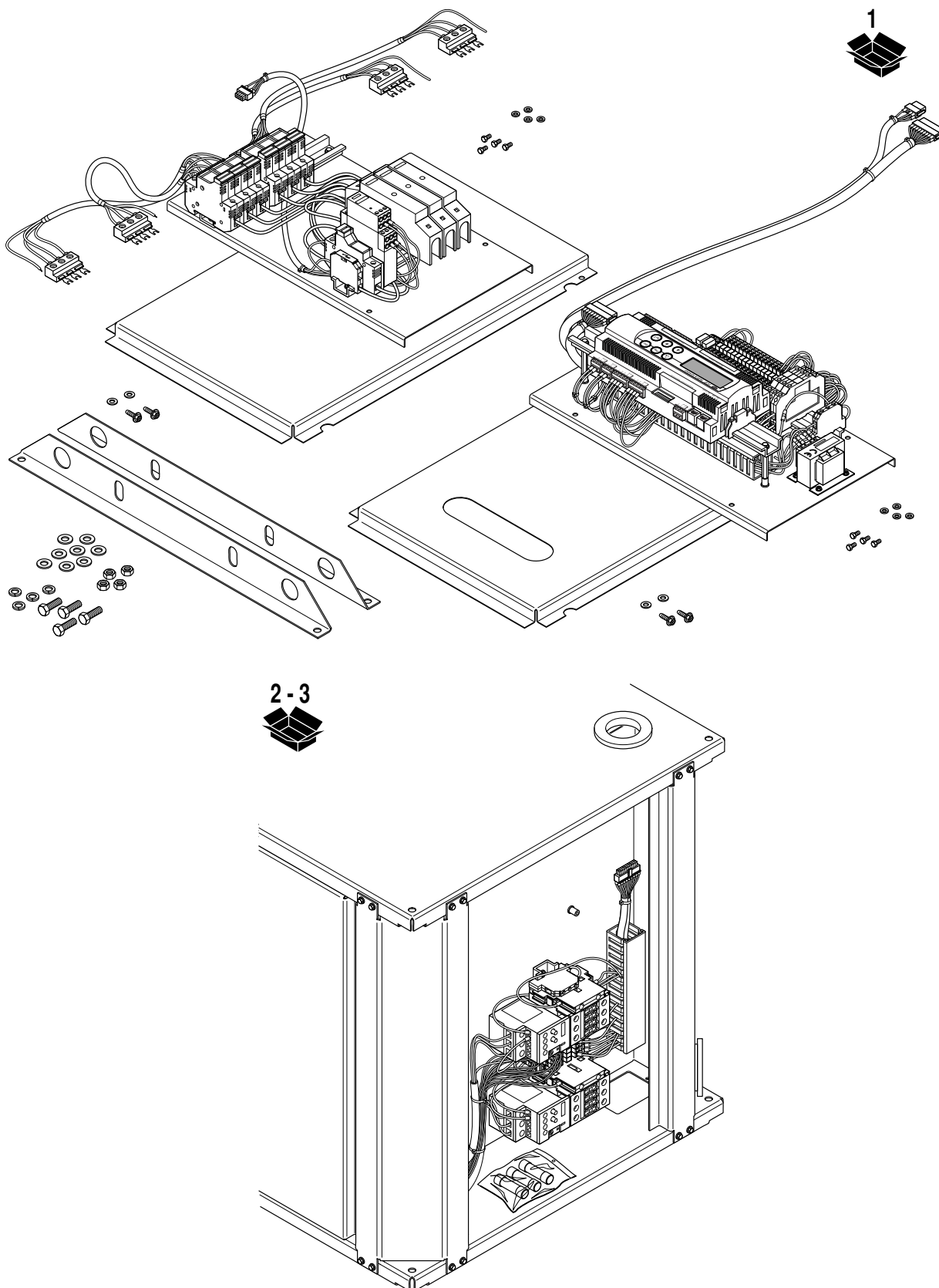
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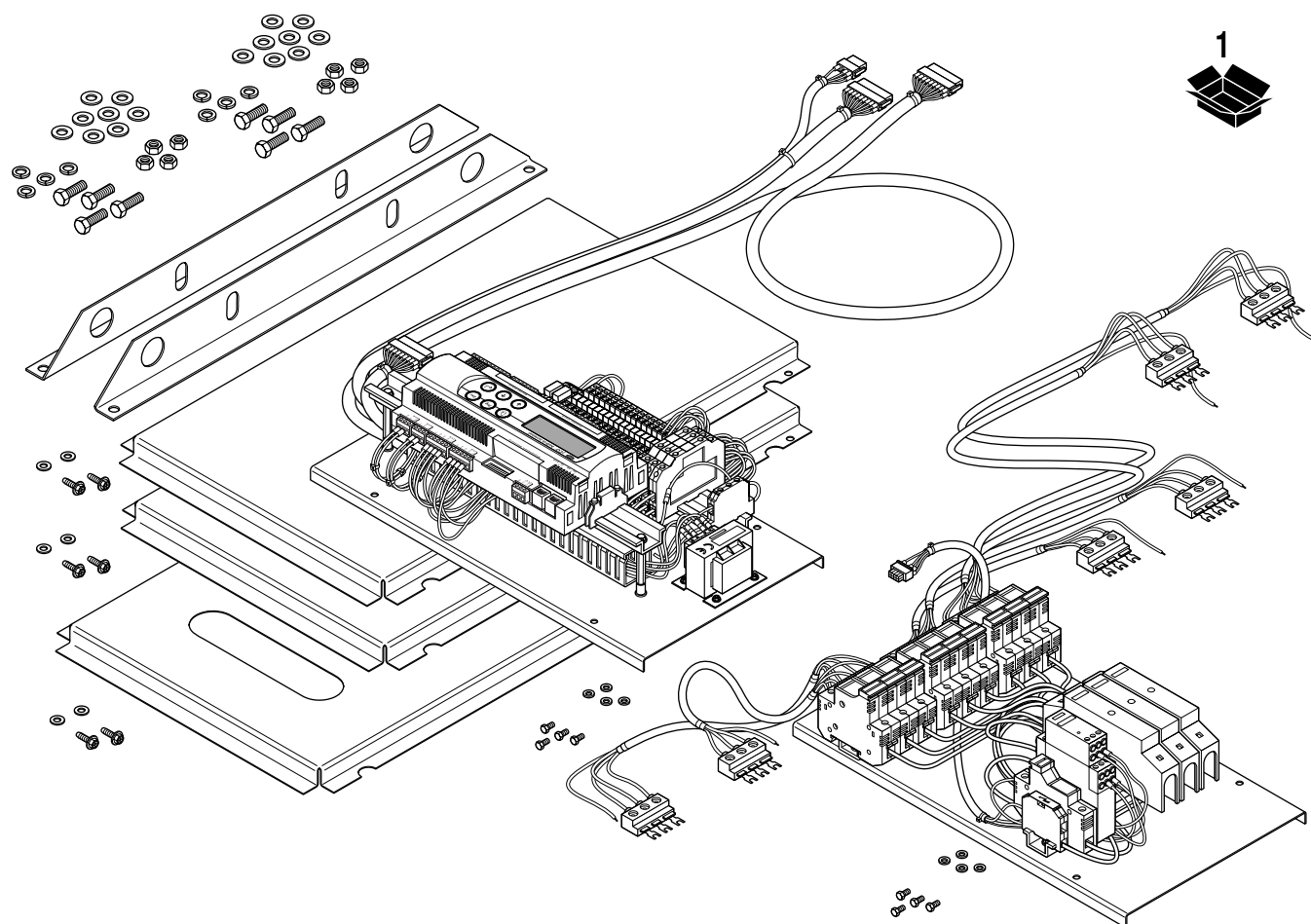
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Instalação da caixa de controlo

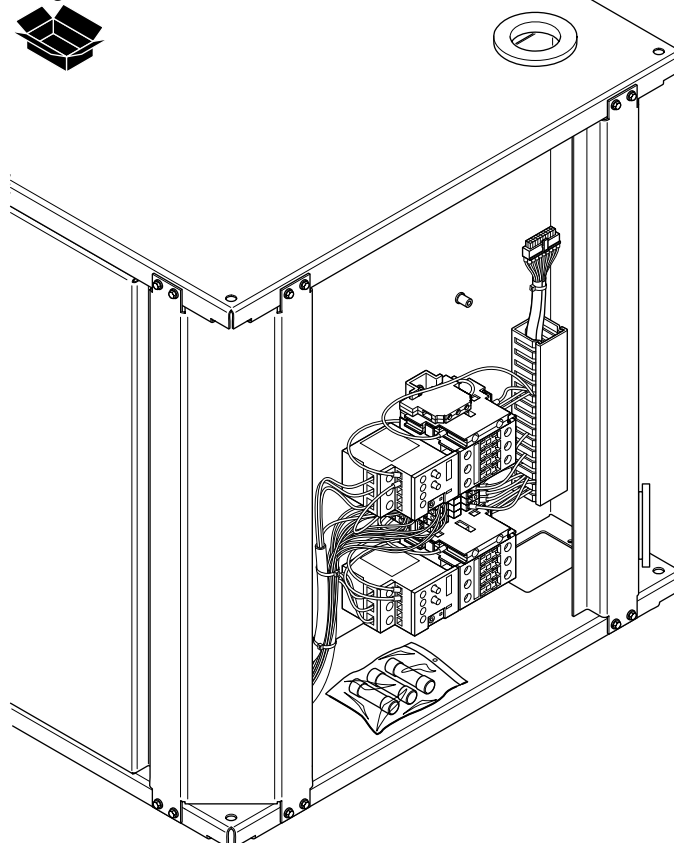
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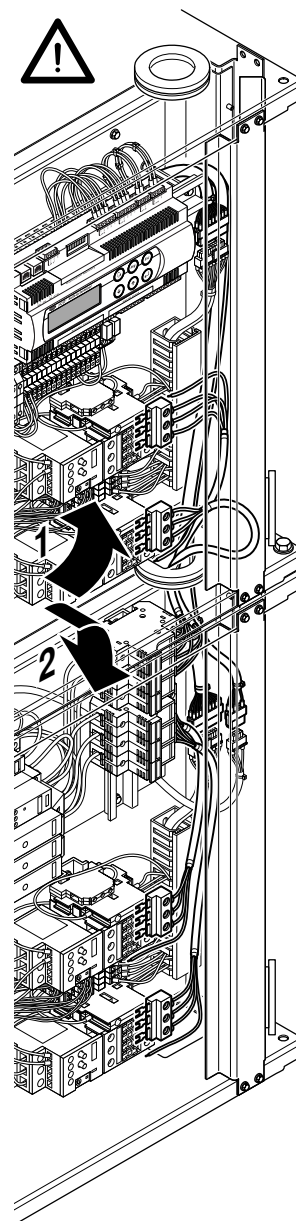
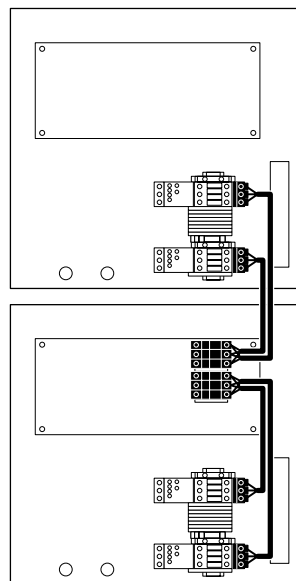
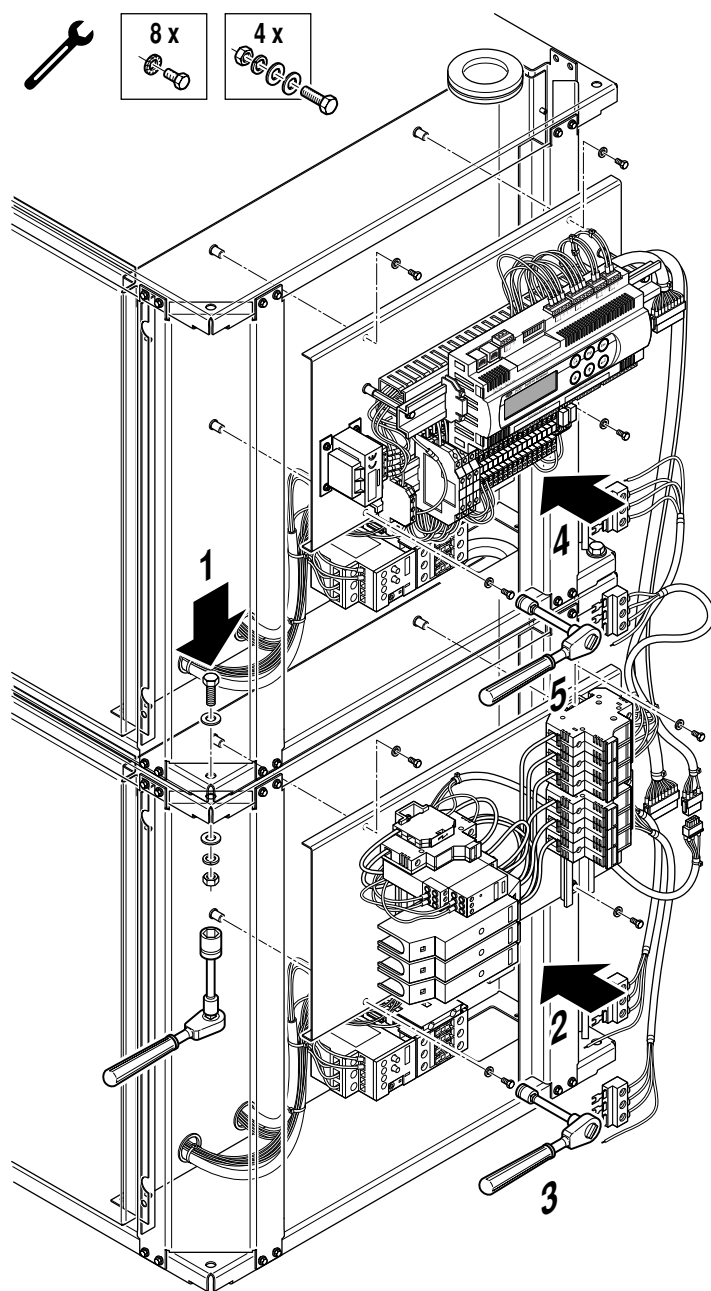
Установка блока управления

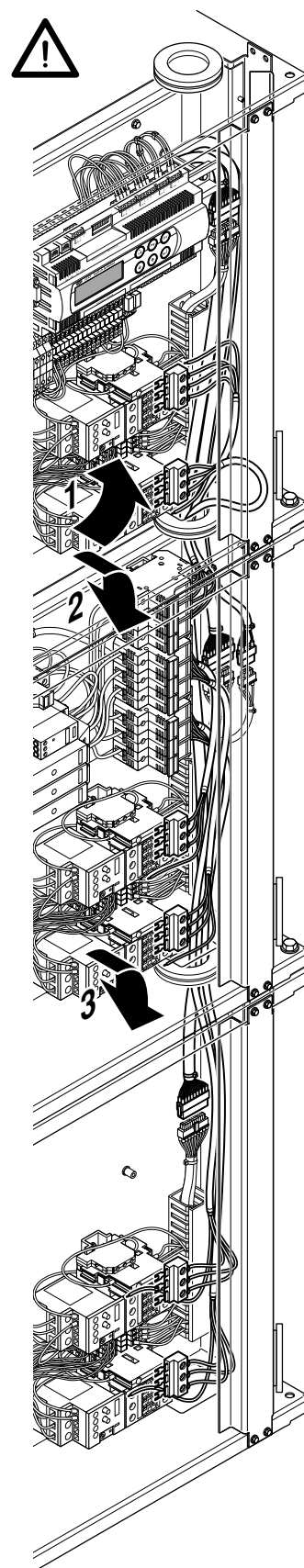
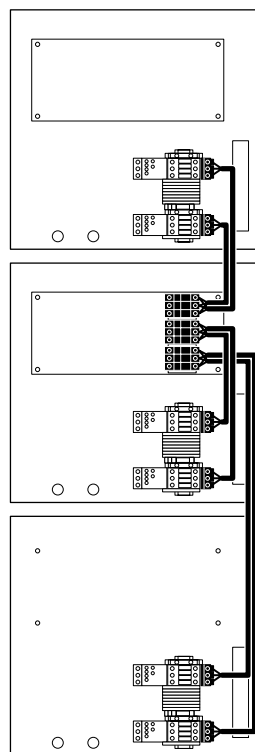
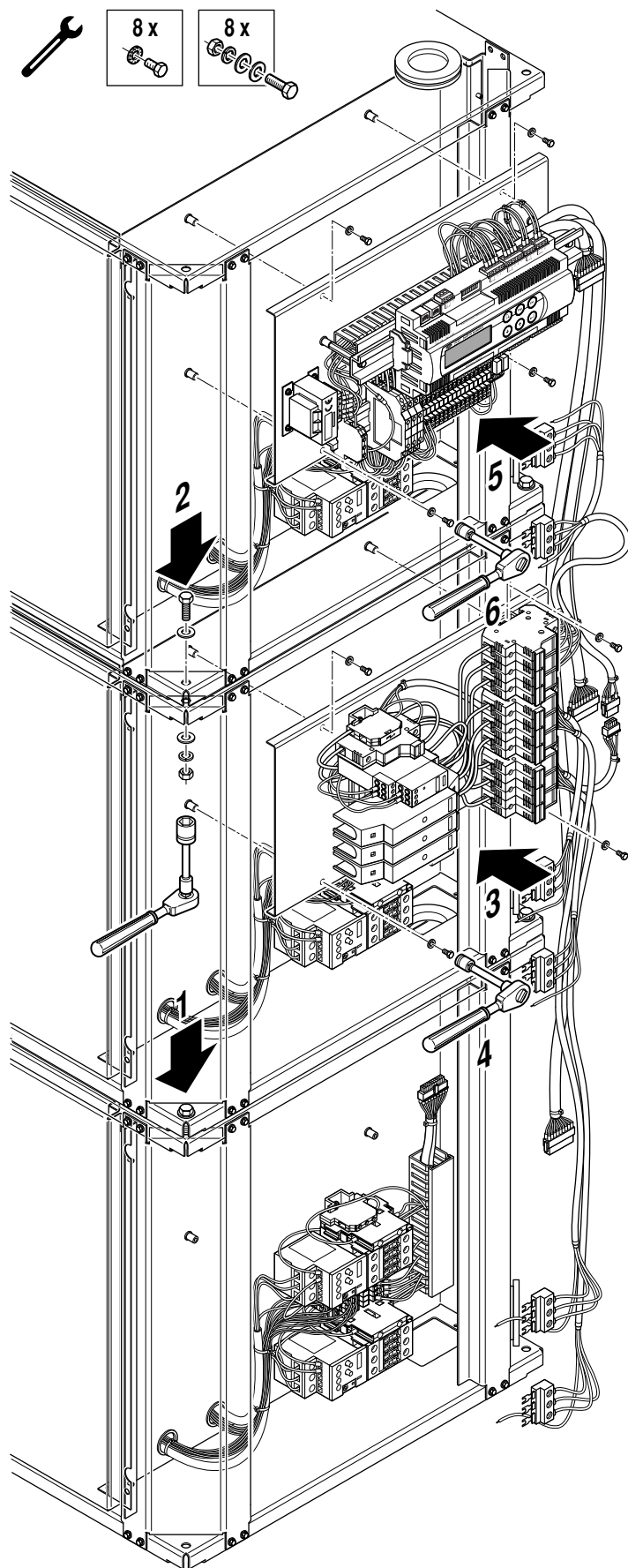


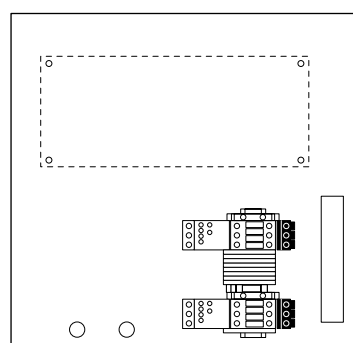
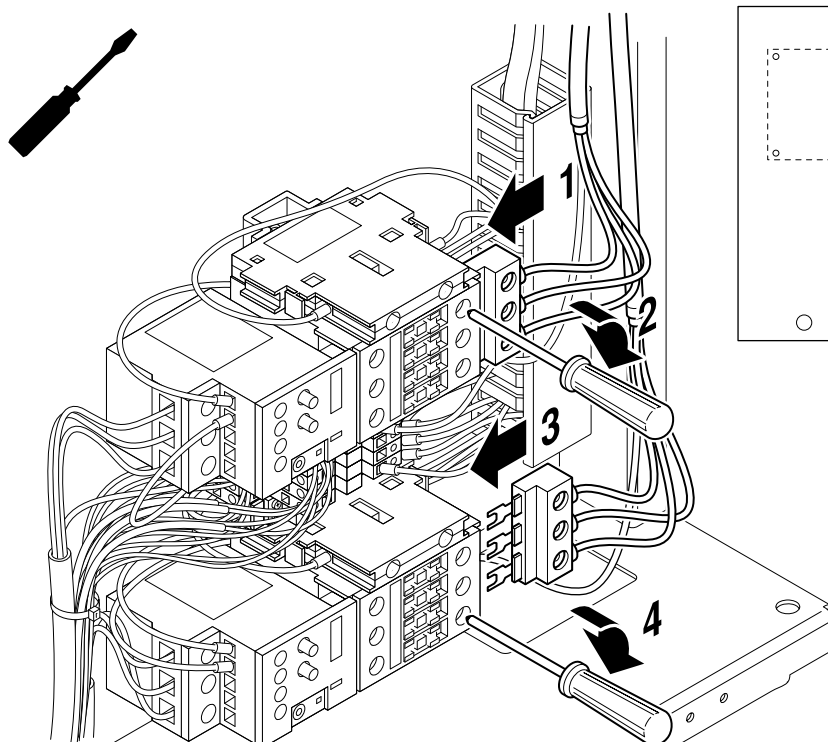
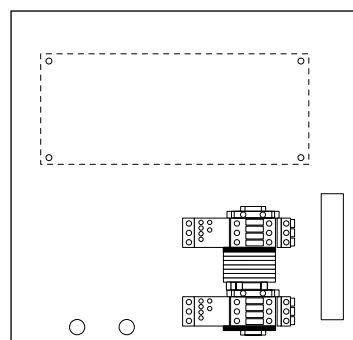
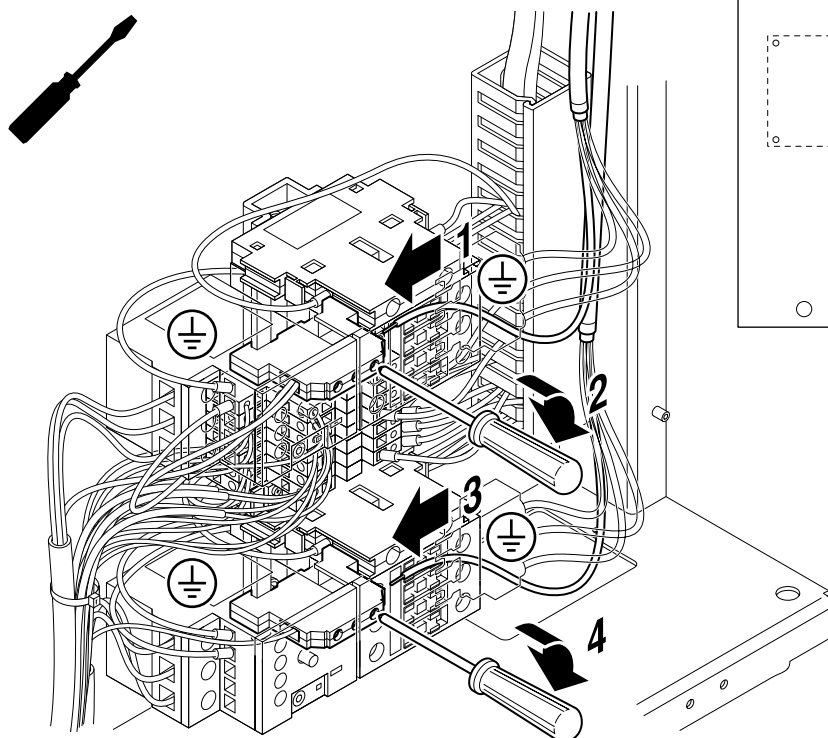


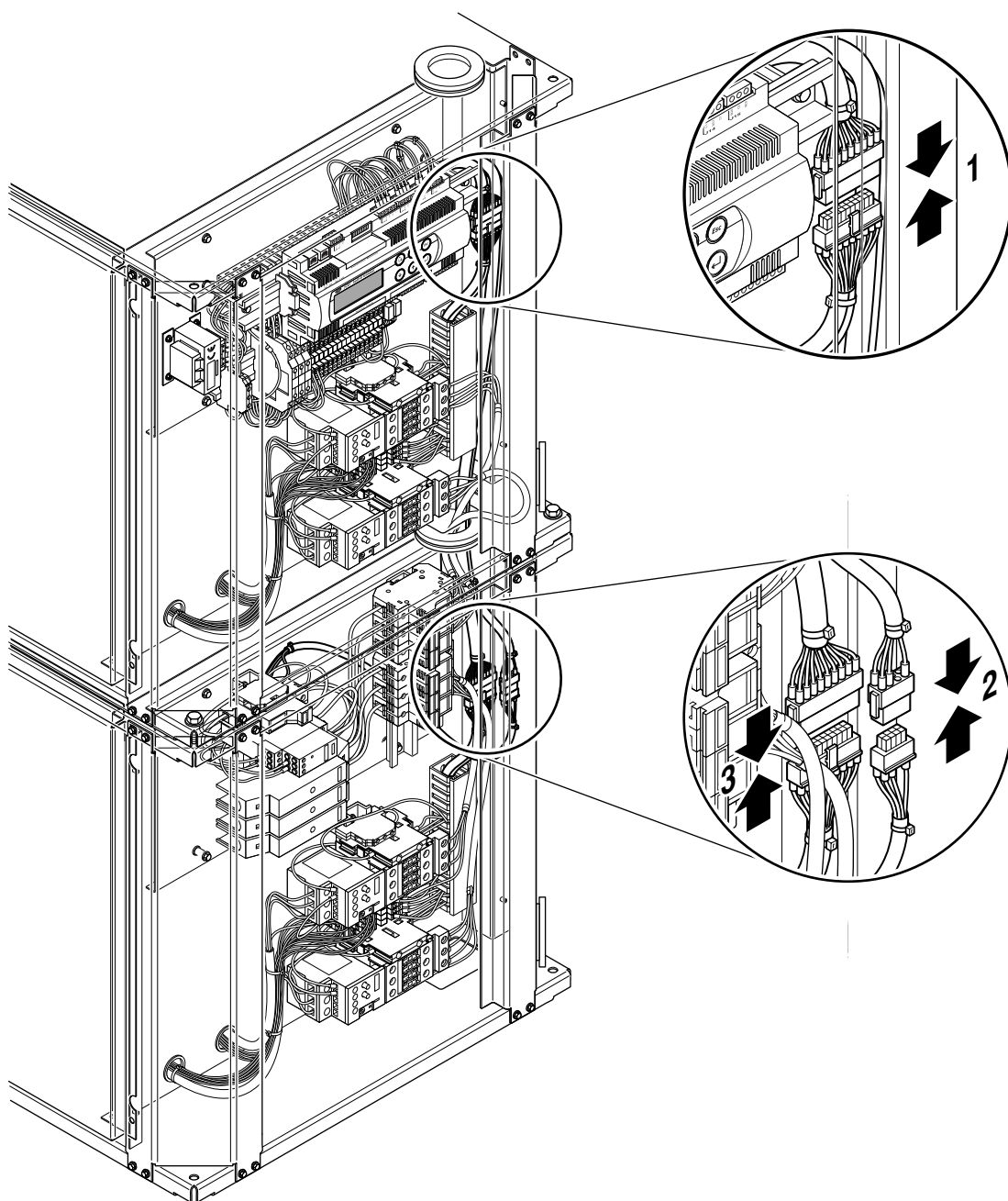
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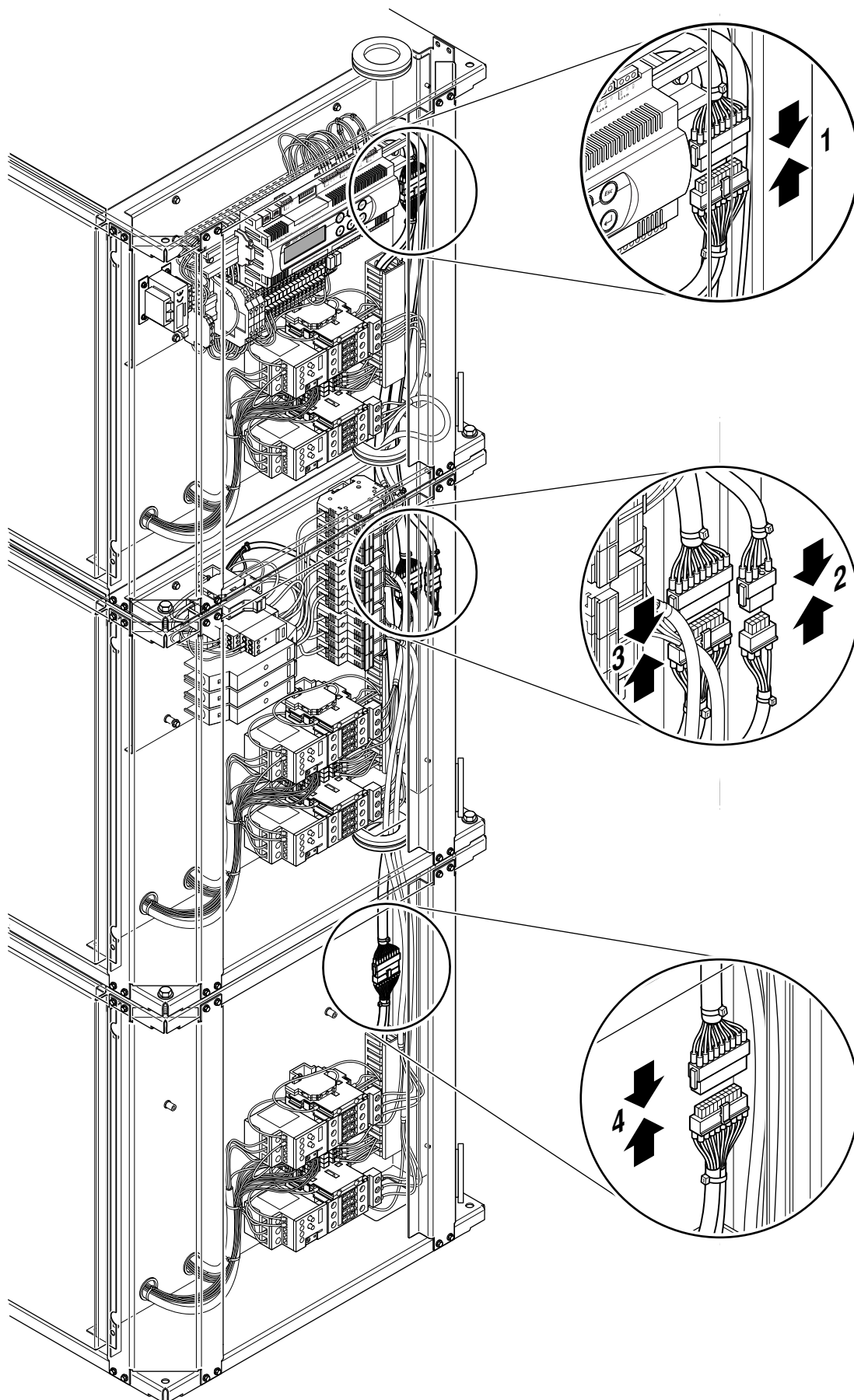


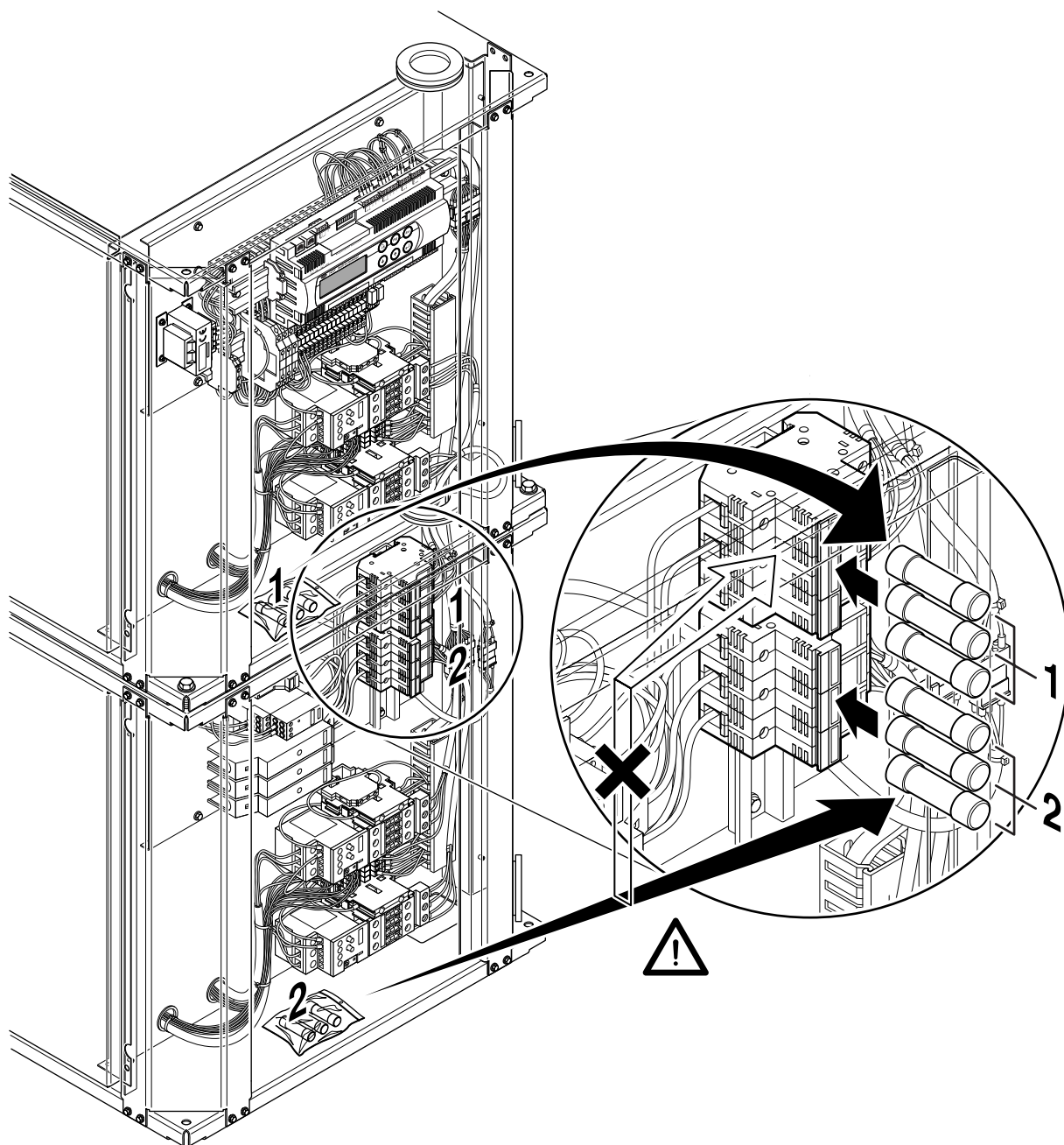


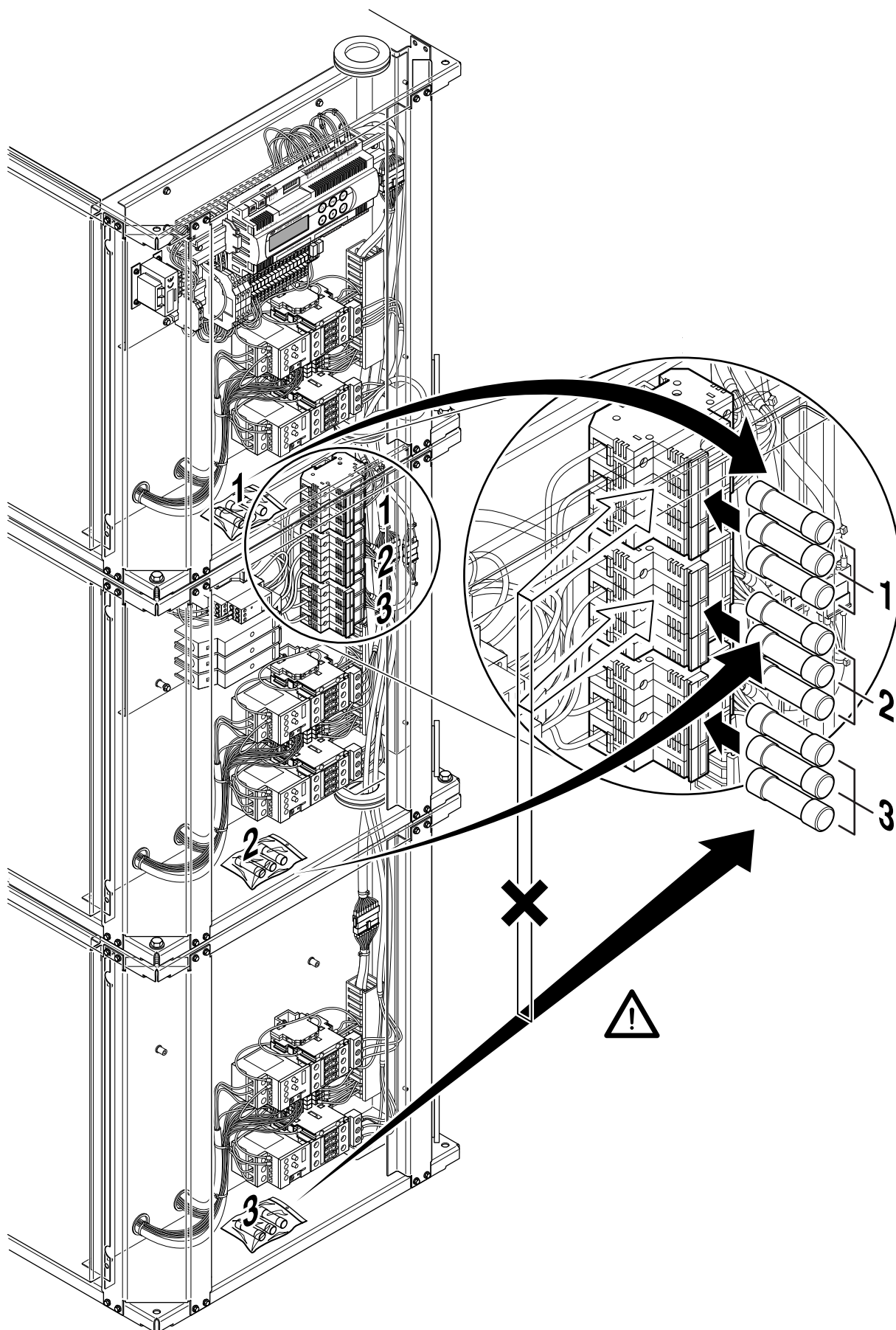


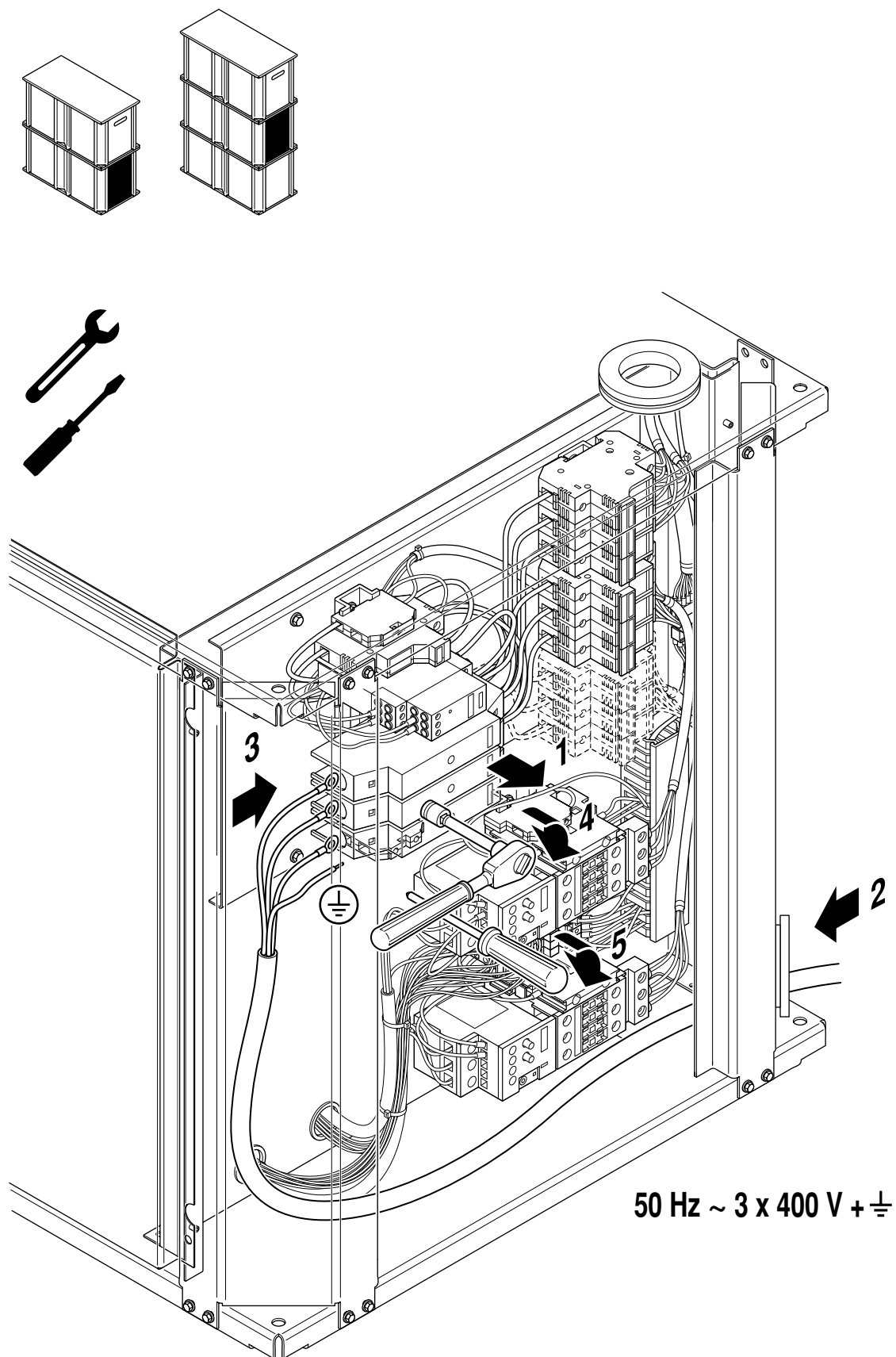


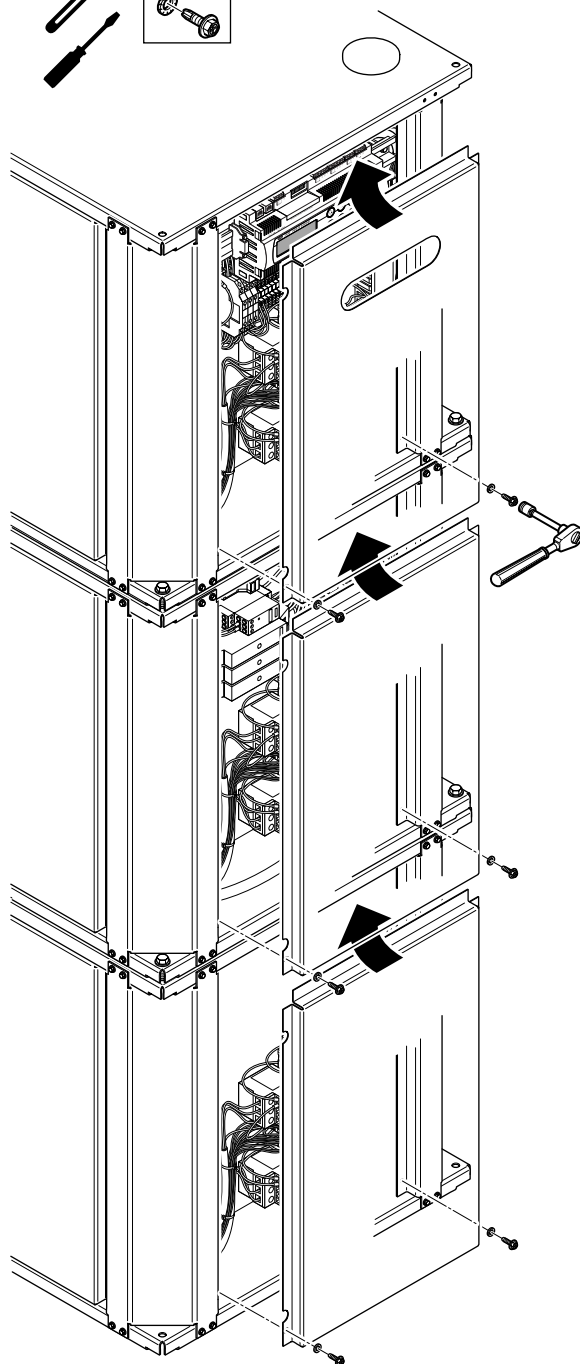
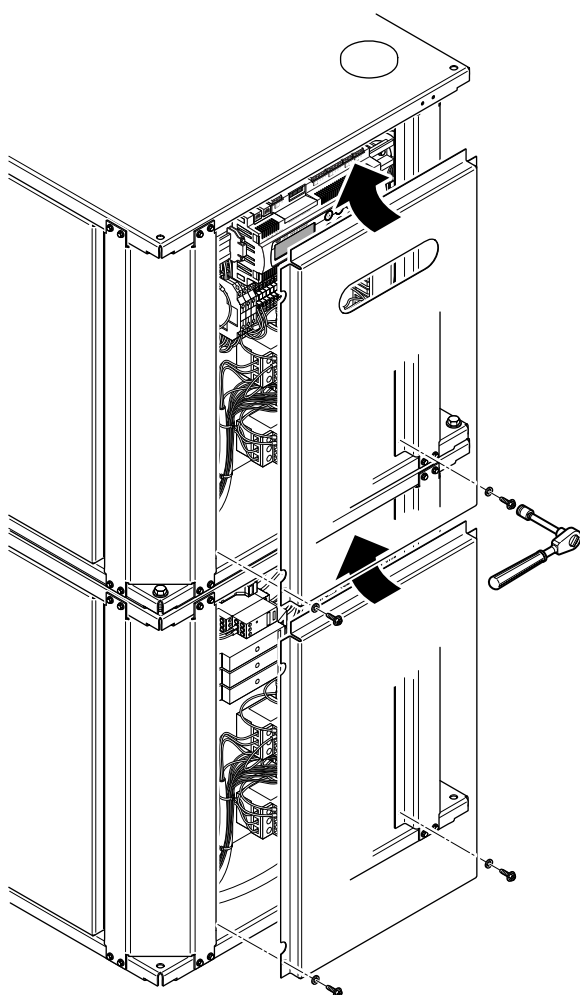
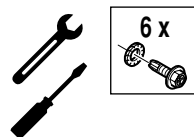
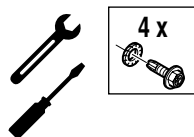












NOTES

