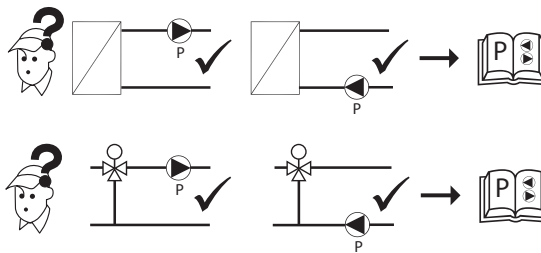
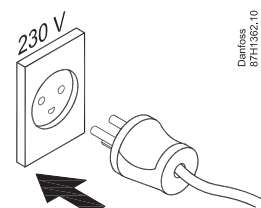
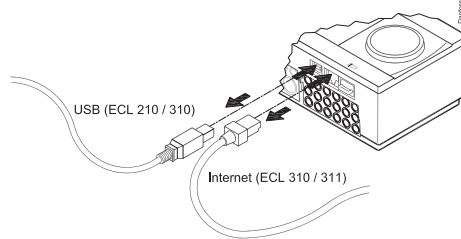
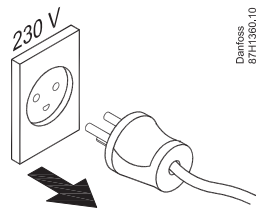
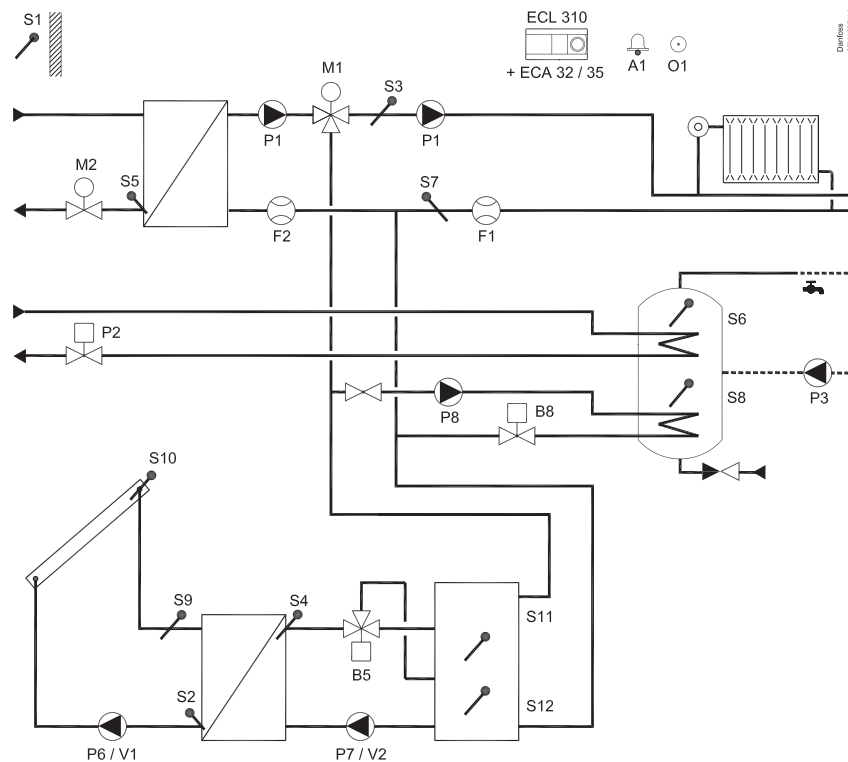


Installation Guide

ECL Comfort 310, P501, 230 Volt (code no. 087H3842)

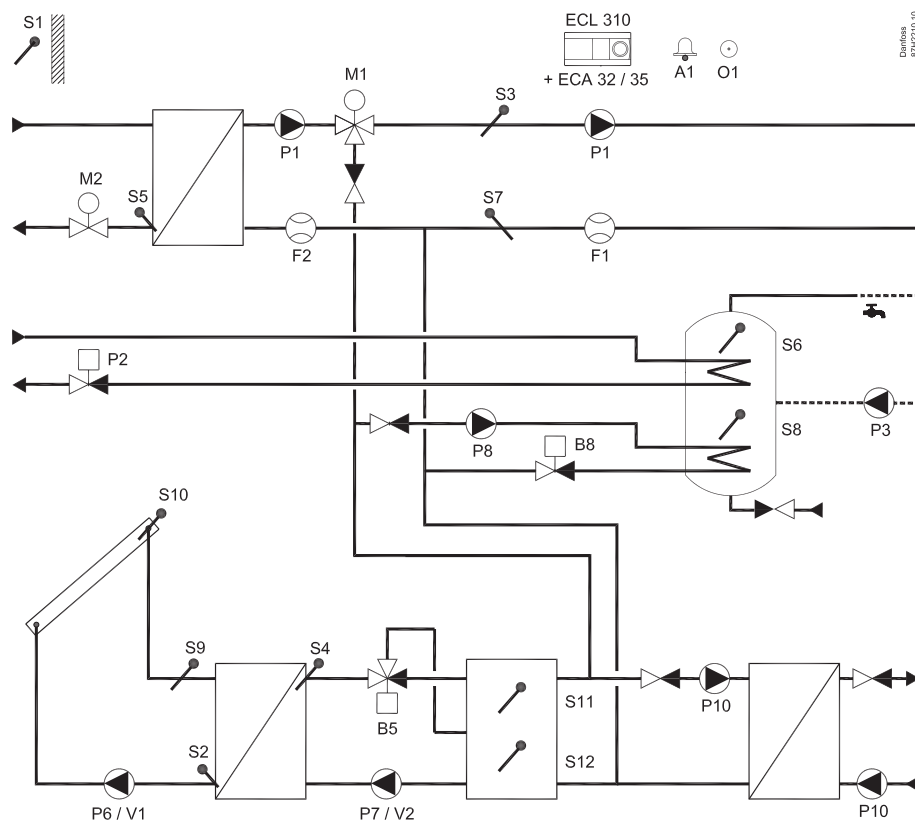


P501.1, ex. a:
P501.2, ex. a:

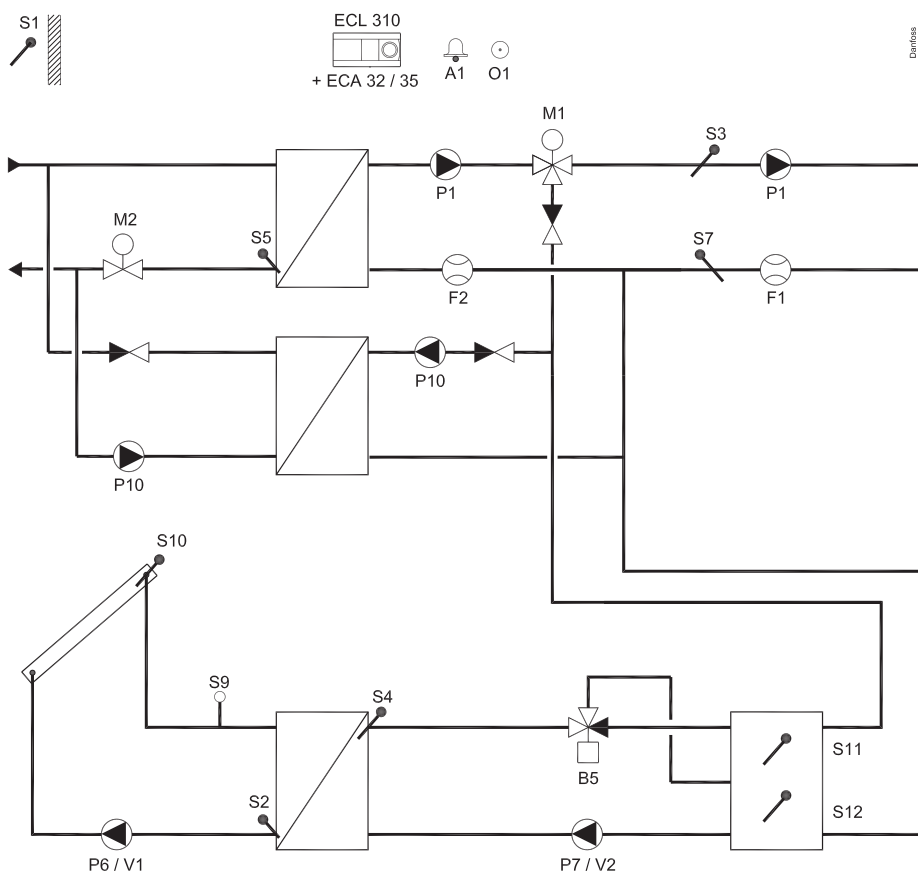


Installation Guide, ECL Comfort 310, P501

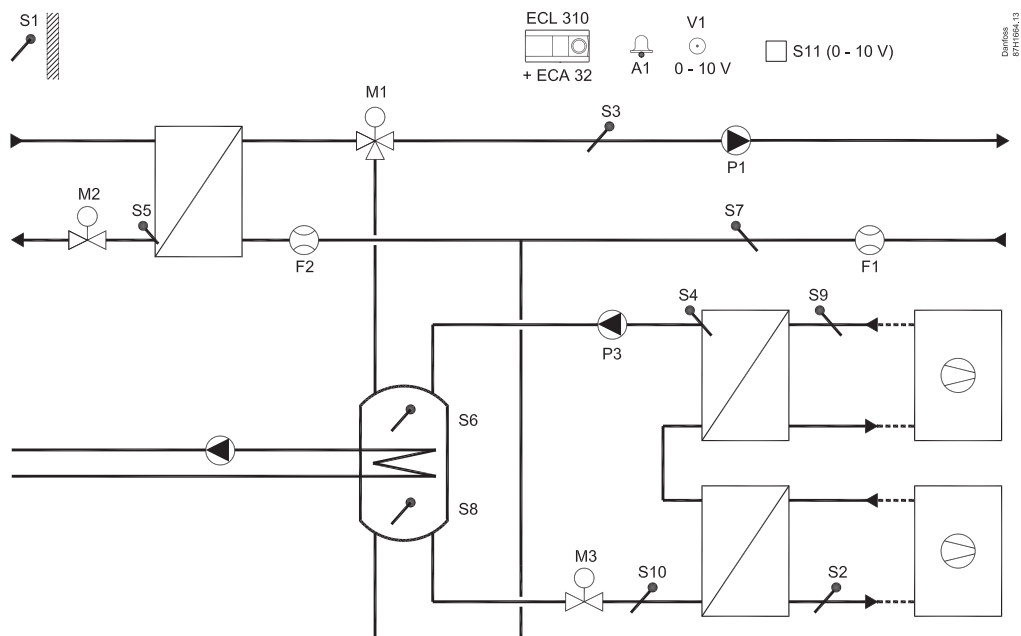
P501.1, ex. b:
P501.2, ex. b:



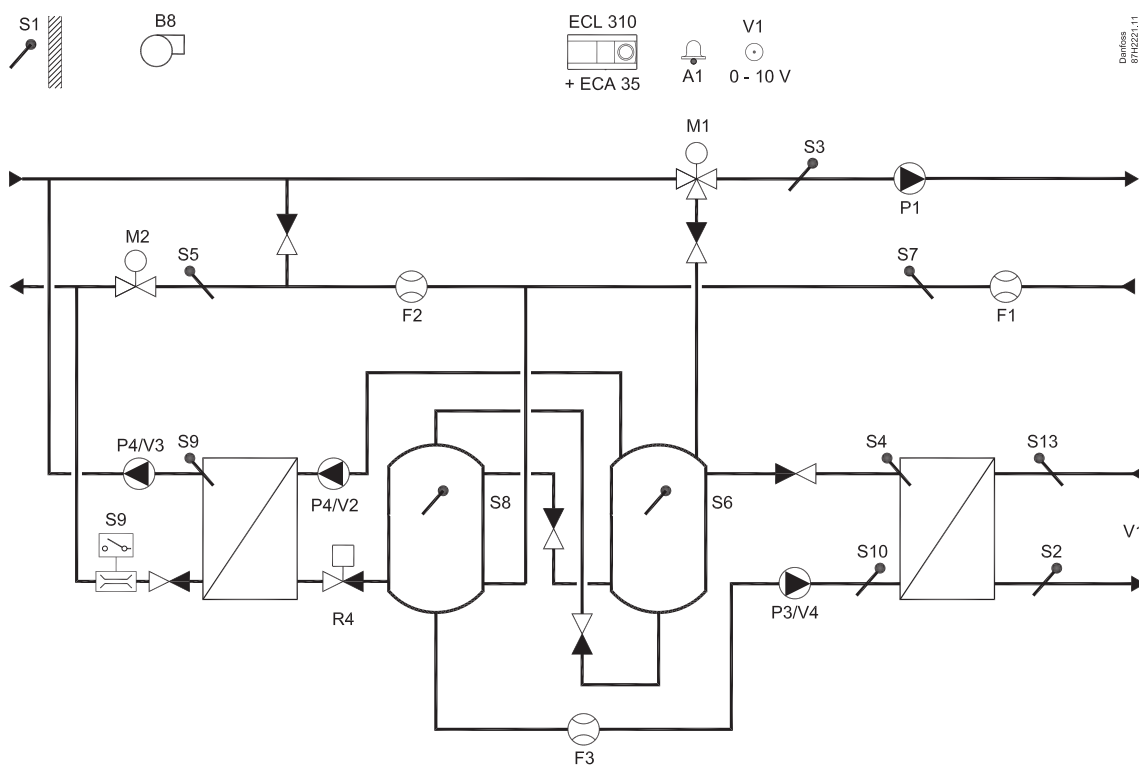
P501.1, ex. c:
P501.2, ex. c:



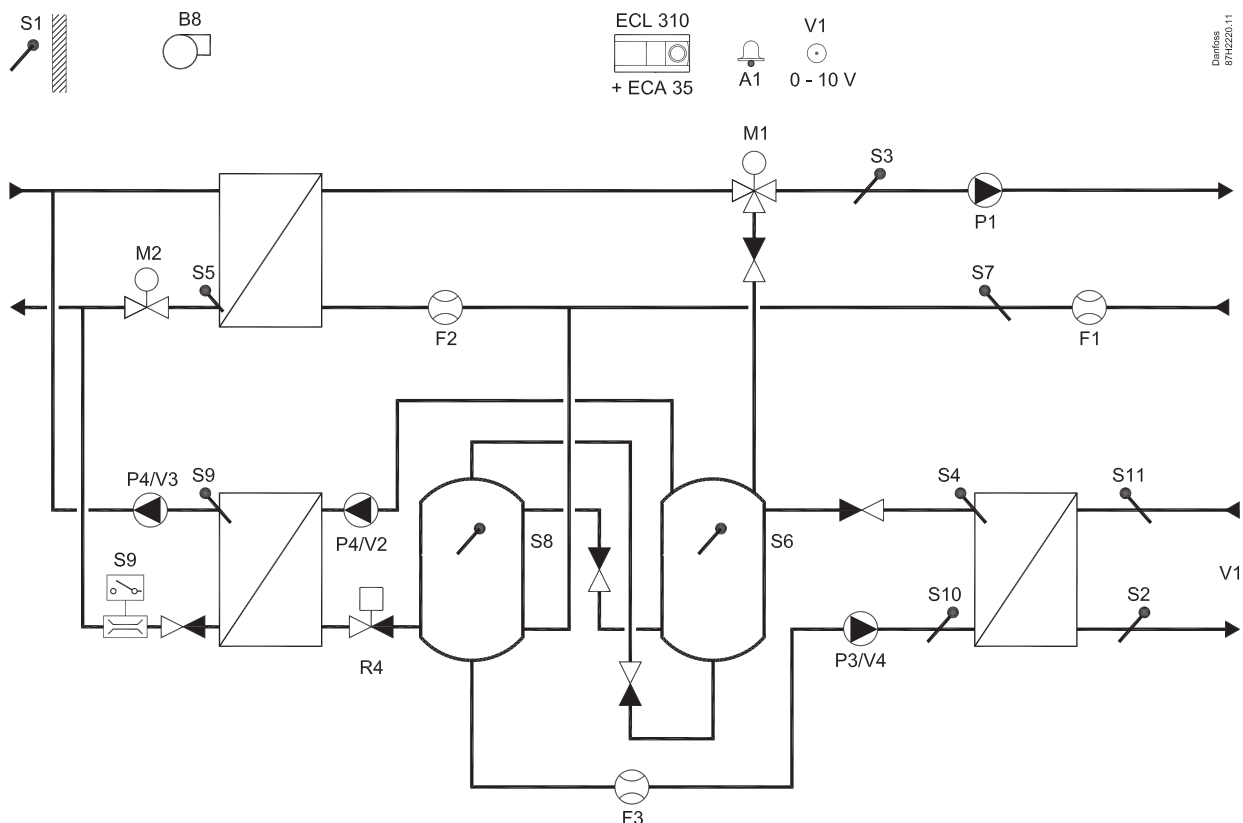
P501.11, ex. a:



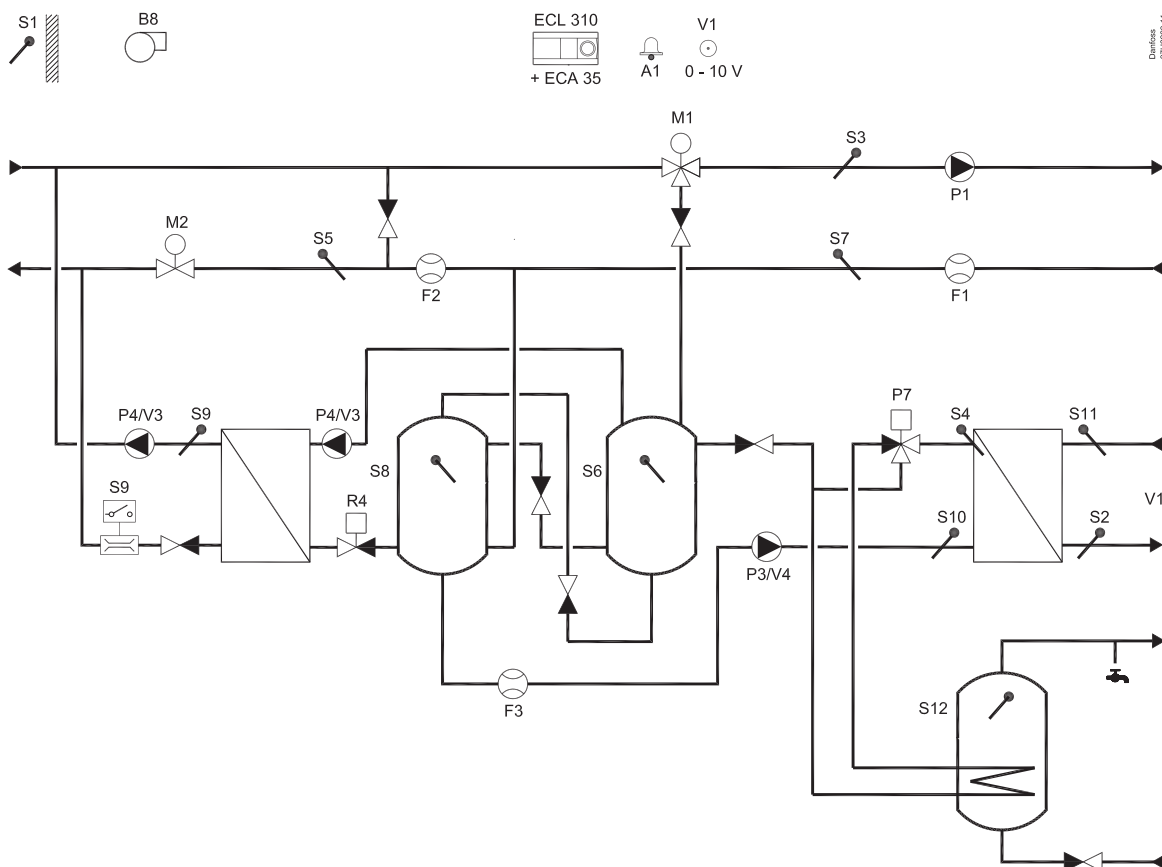
P501.12, ex. a:



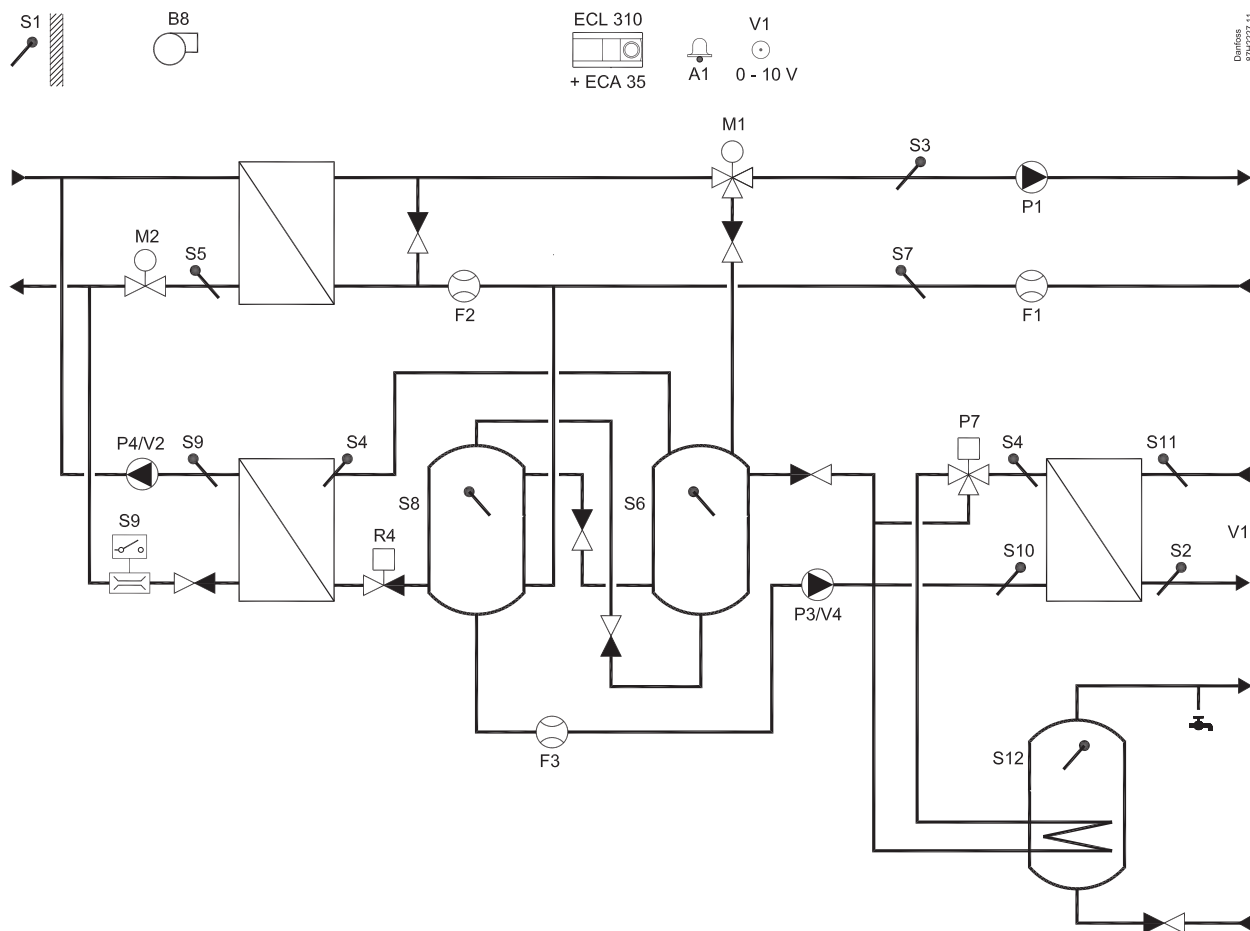
P501.12, ex. b:



P501.12, ex. c:

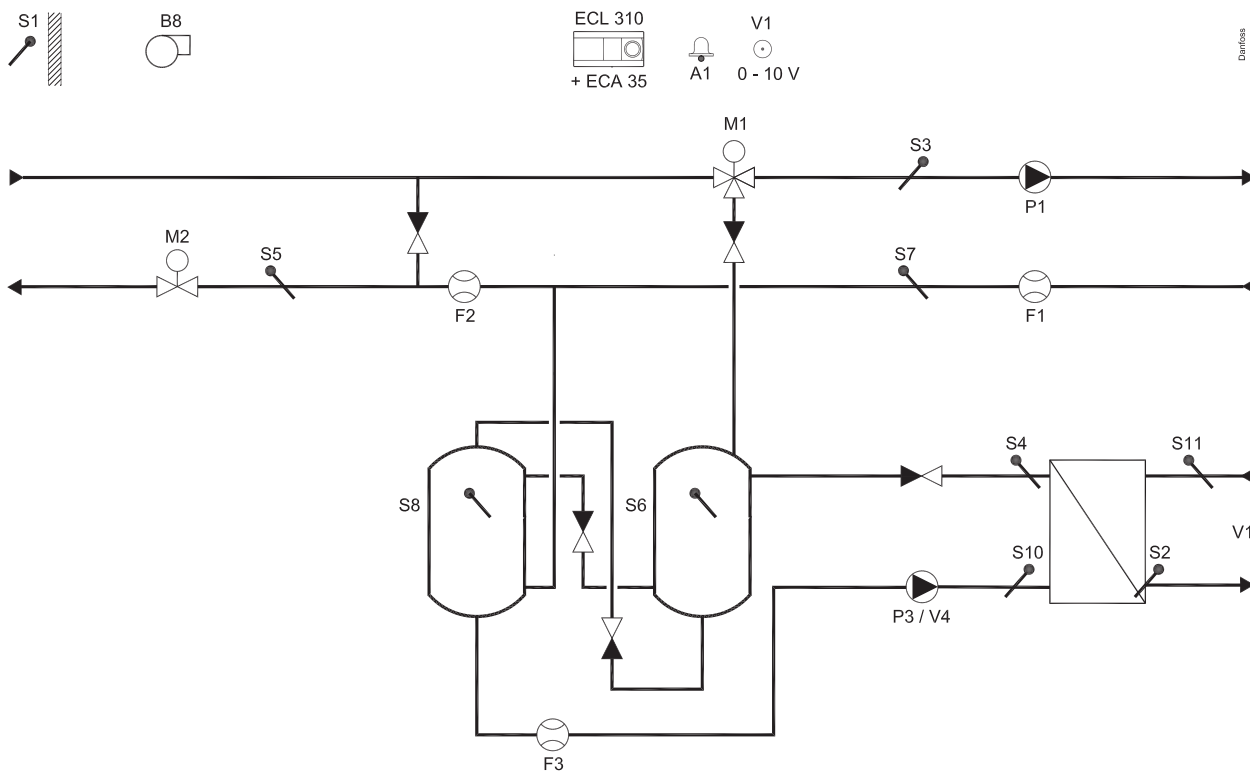


P501.12, ex. d:



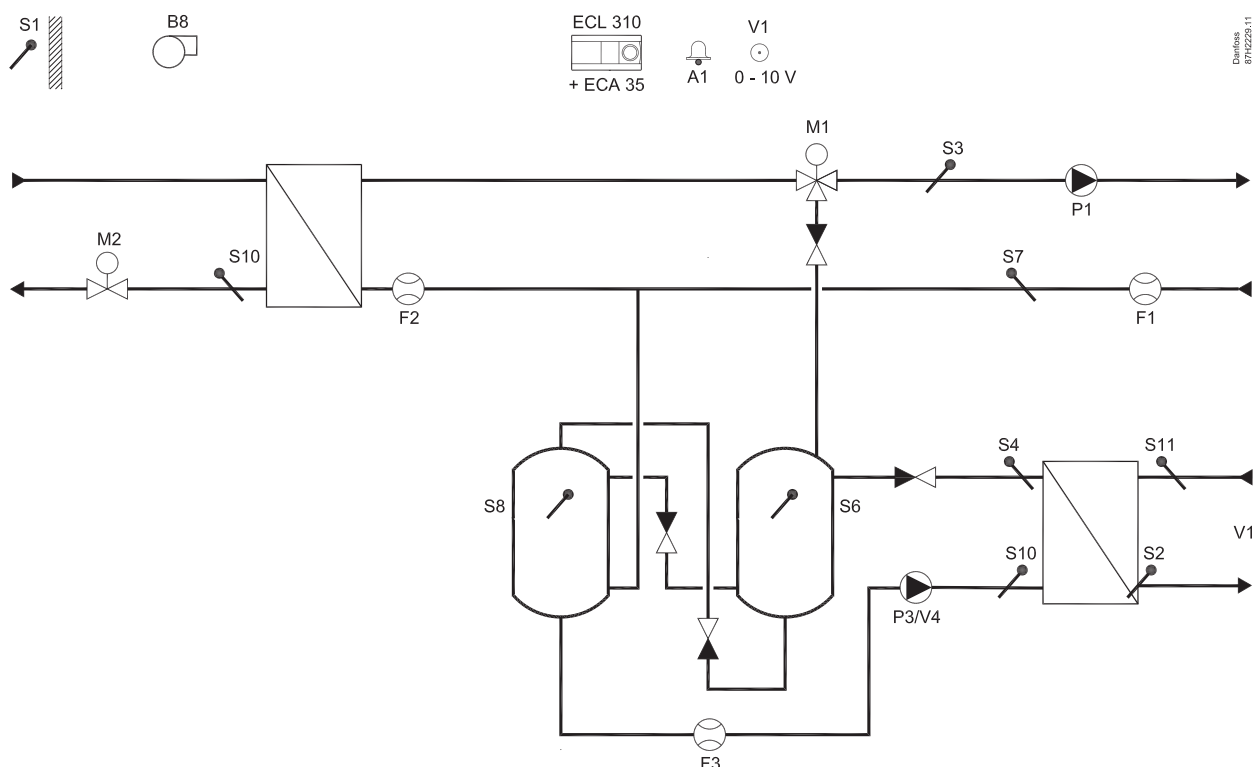
Danfoss
8714227.11

P501.12, ex. e:

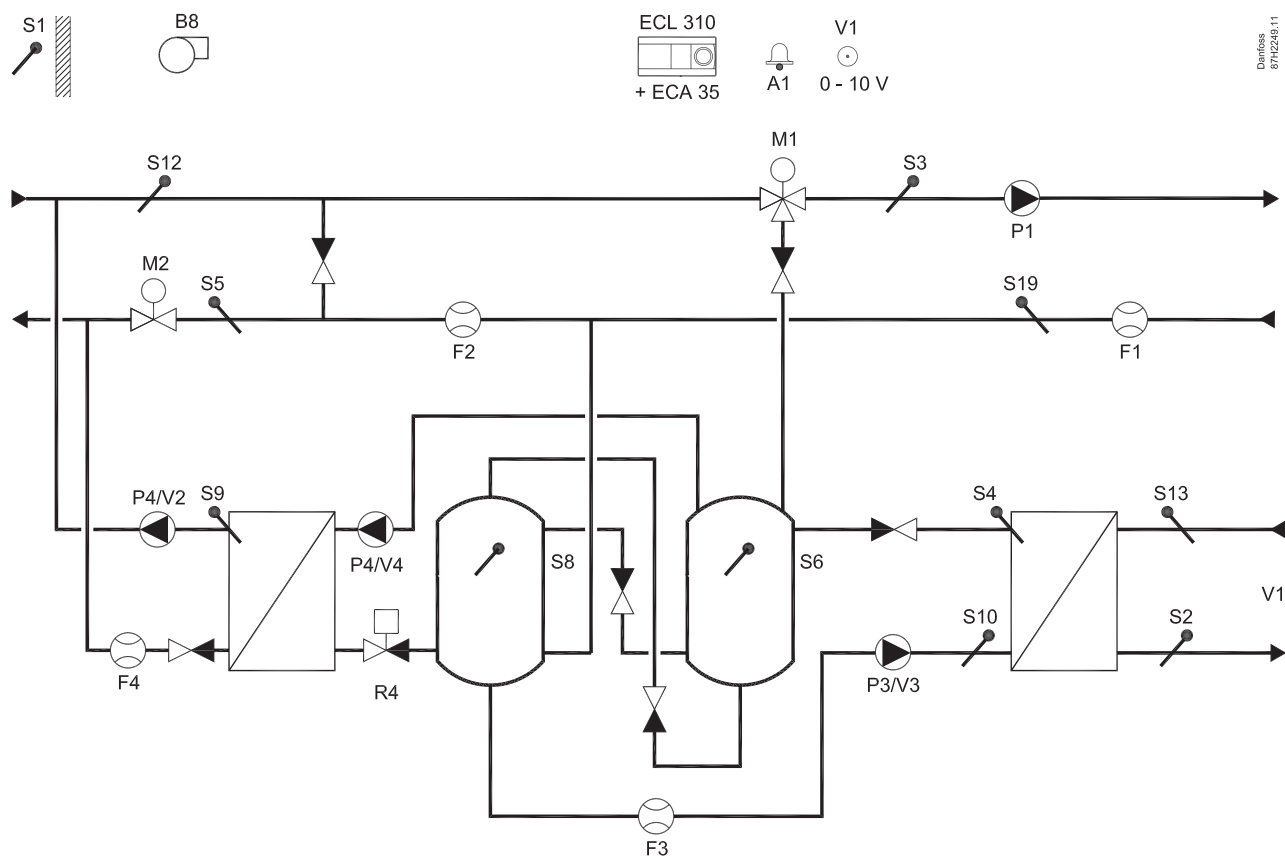


Danfoss
8714228.11

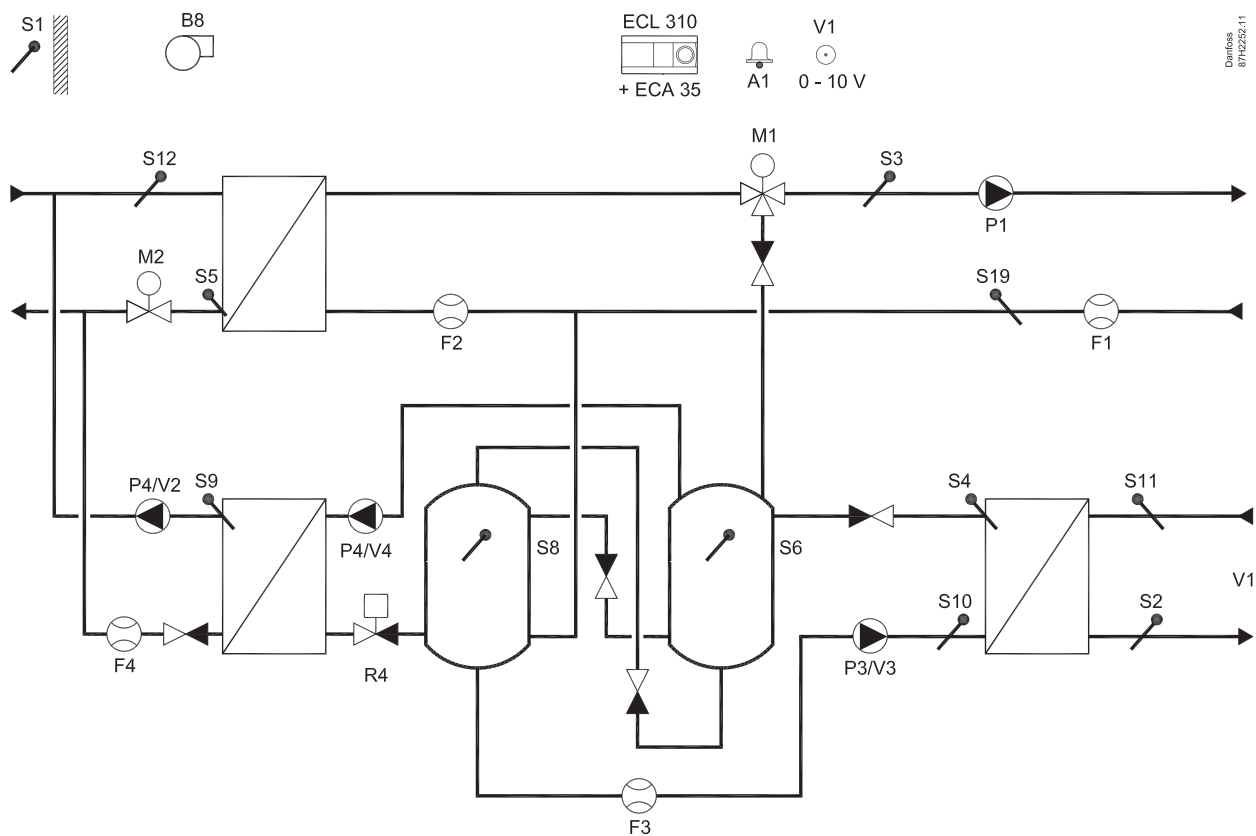
P501.12, ex. f:



P501.13, ex. a:

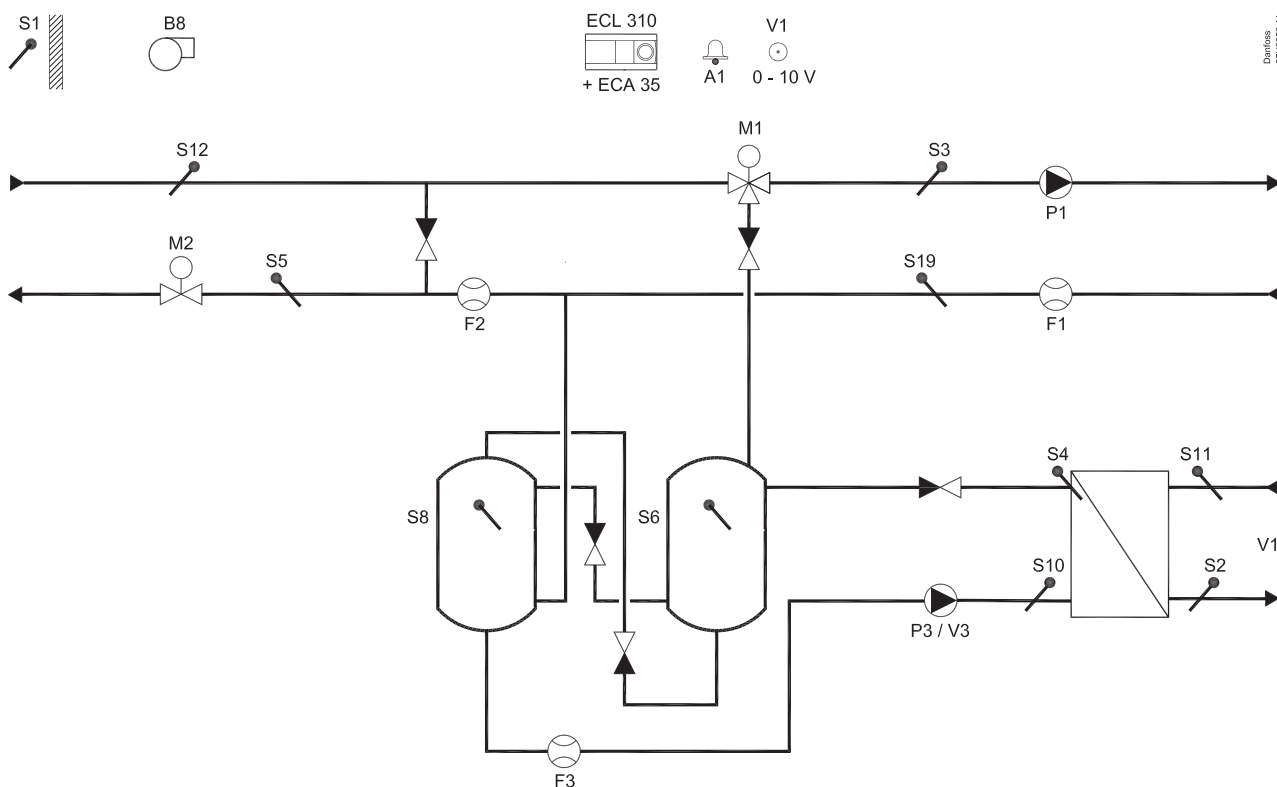


P501.13, ex. b:



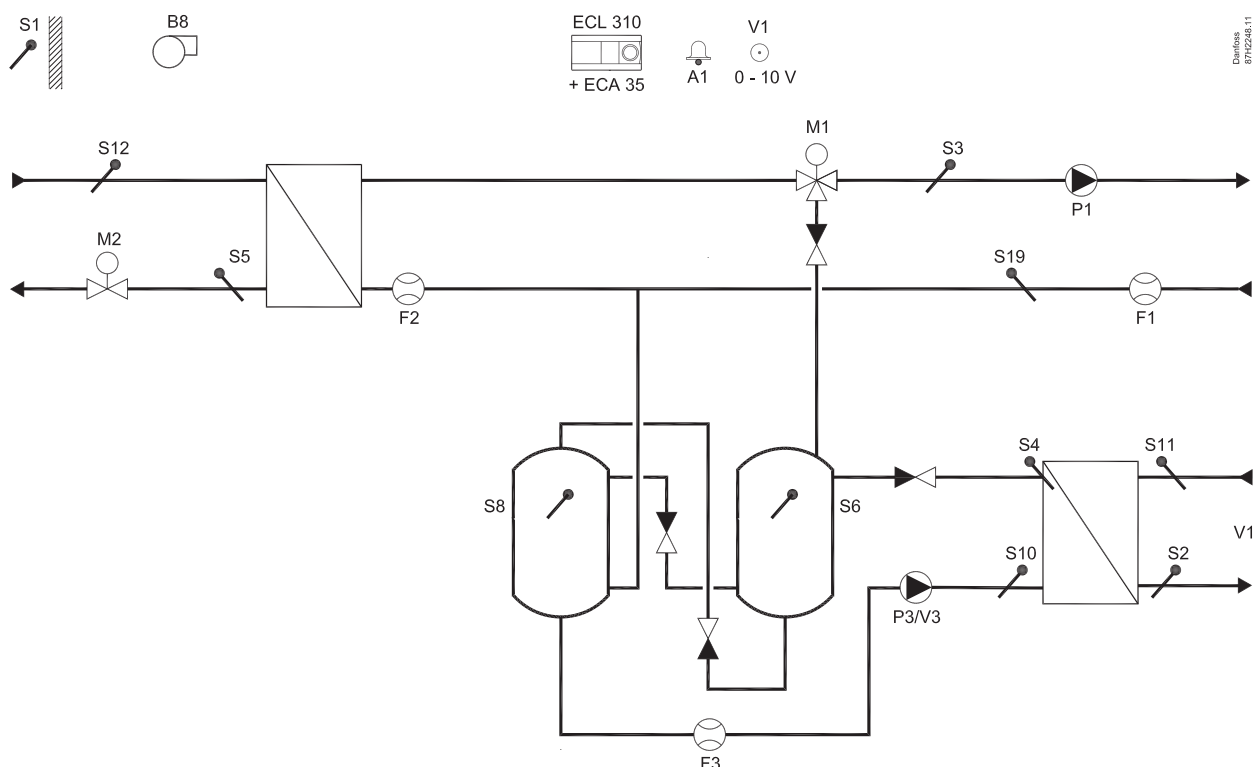
Danfoss
87H2252.11

P501.13, ex. e:



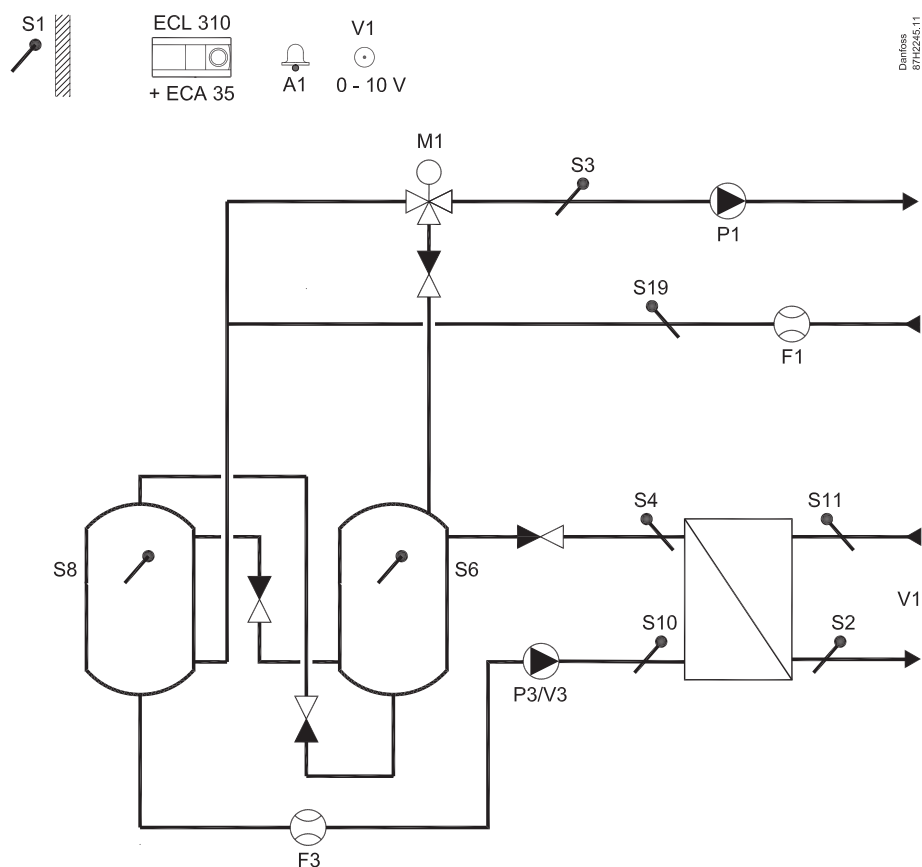
Danfoss
87H2252.11

P501.13, ex. f:



Danfoss
87H2248.11

P501.13, ex. i1:

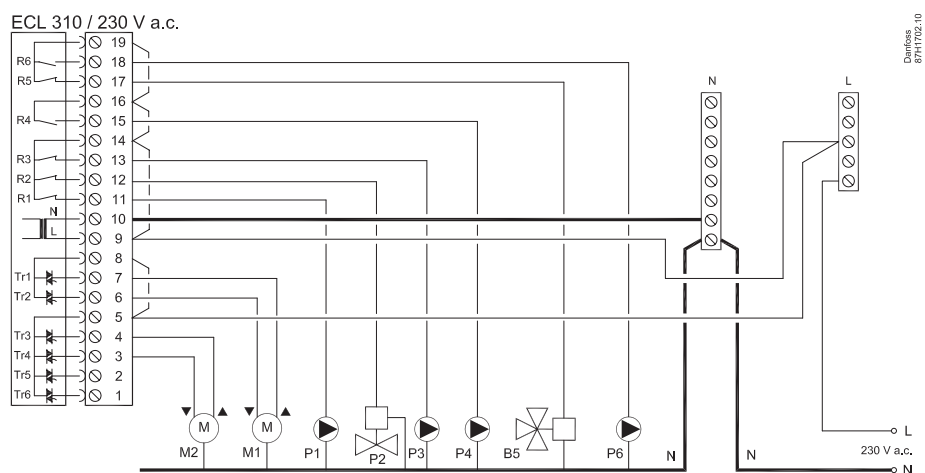


Danfoss
87H2245.11

P501.1

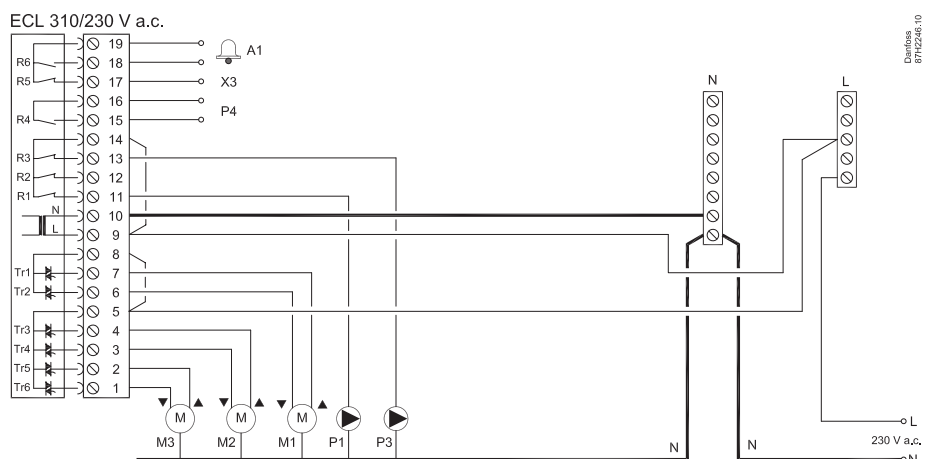
P501.2

ECL 310, 230 V a.c.:



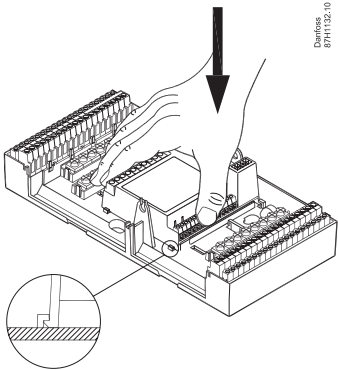
P501.13

ECL 310, 230 V a.c.:

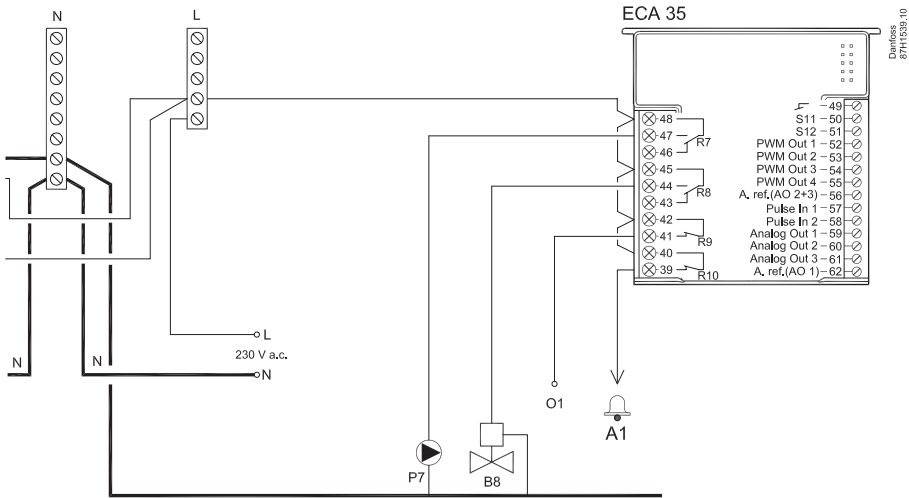


	ECA 32	ECA 35
P501.1	X	X
P501.2	X	X
P501.11	X	
P501.12		X
P501.13		X

ECA 32 / 35



P501.1
P501.2
ECA 32 / ECA 35
P7, B8, O1, A1



P501.12

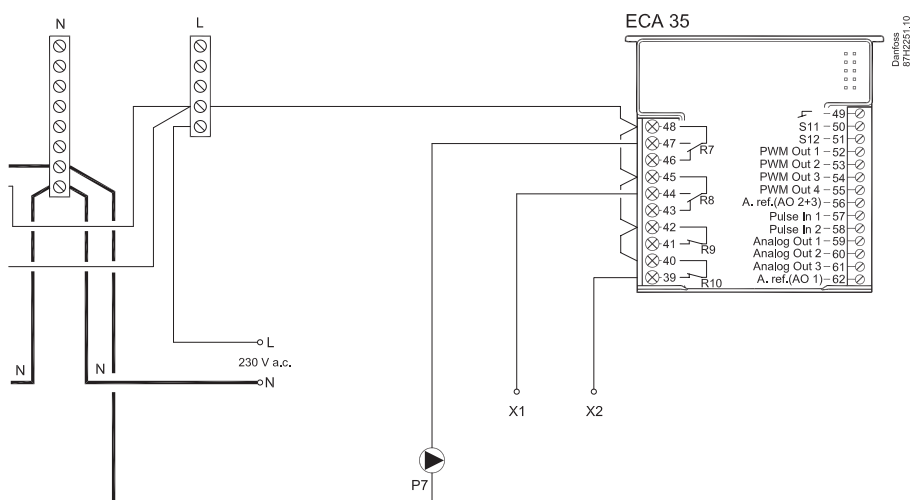
P501.13

ECA 35

P7 (P501.12)

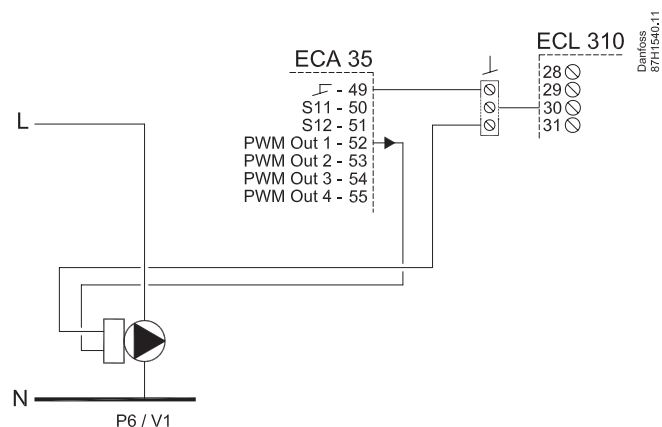
X1 (B8)

X2 (P501.13)

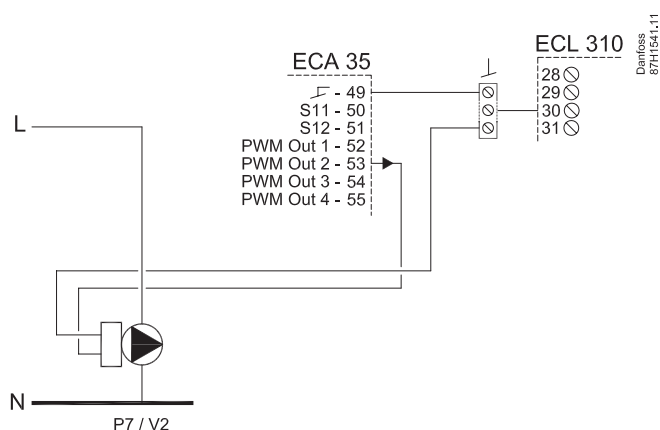


Installation Guide, ECL Comfort 310, P501

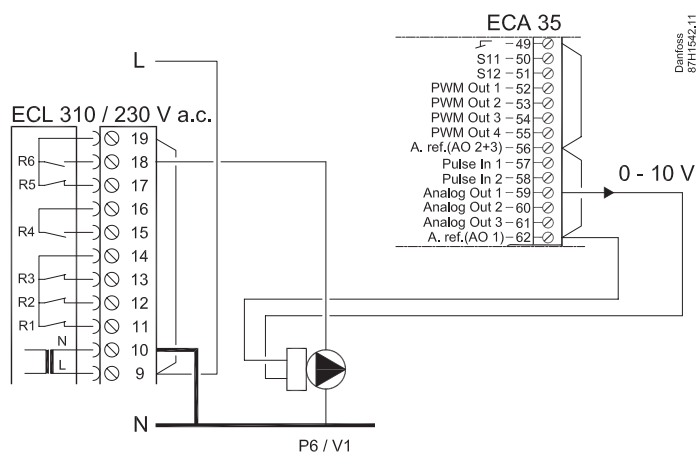
P501.1
P501.2
ECA 35
PWM Out 1



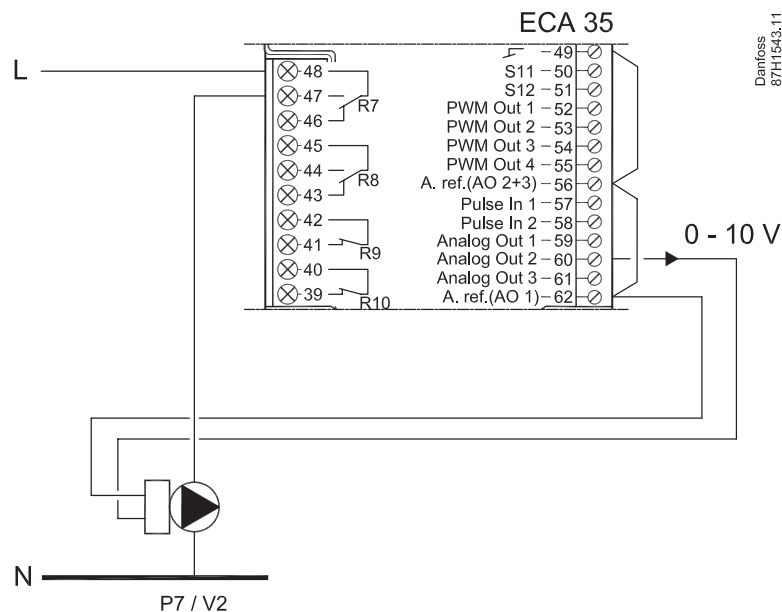
P501.1
P501.2
ECA 35
PWM Out 2



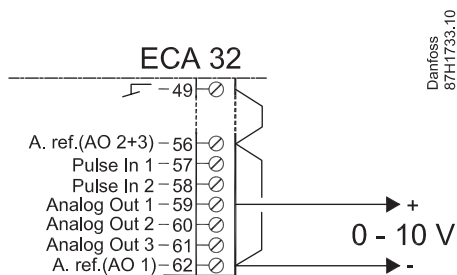
P501.1
P501.2
ECA 32 / 35
P6 / V1, Analog Out 1
0 - 10 V



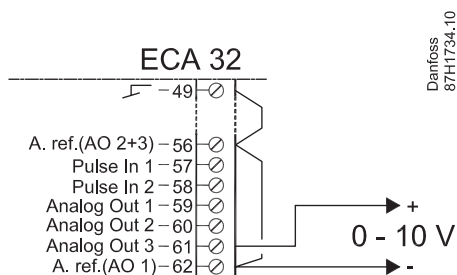
P501.1
P501.2
ECA 32 / 35
P7 / V2, Analog Out 2
0 - 10 V



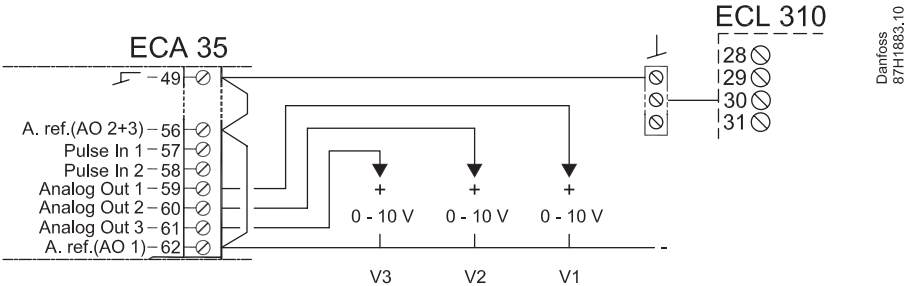
P501.11
ECA 32
V1, Analog Out 1
0 - 10 V



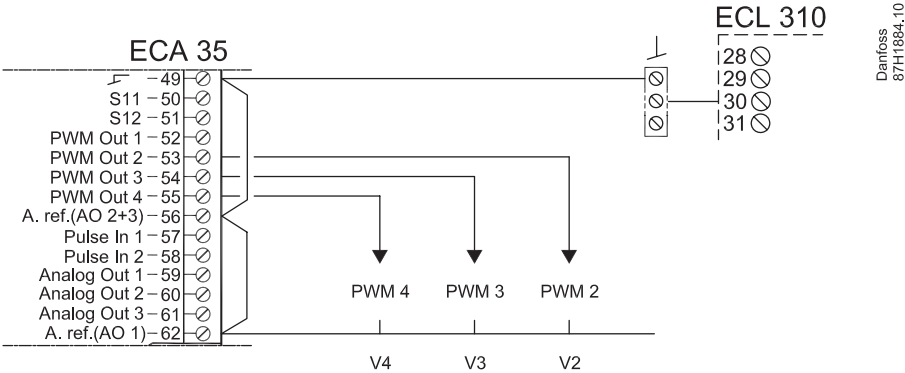
P501.11
ECA 32
V3, Analog Out 3
0 - 10 V



P501.12
P501.13
ECA 35
V1, V2, V3
0-10 V



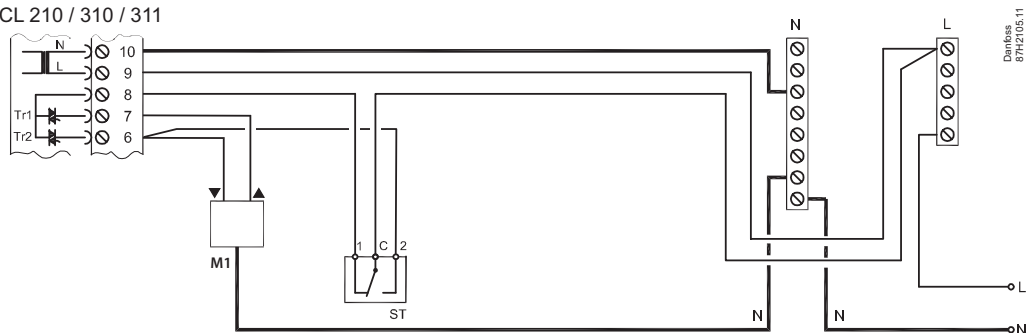
P501.12
P501.13
ECA 35
V2, V3, V4
PWM



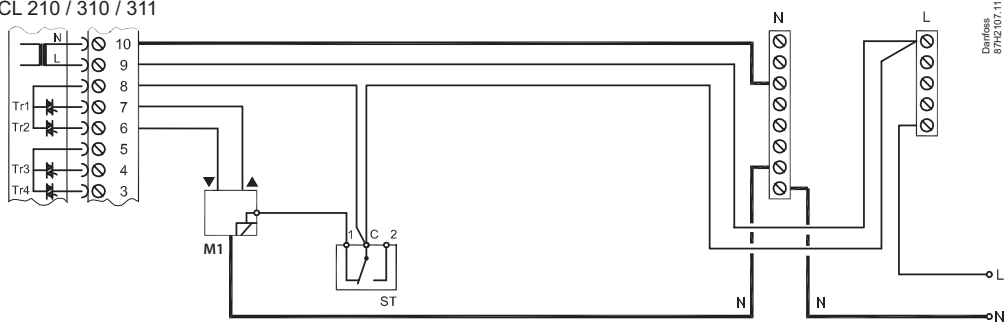
230 V a.c. / 24 V a.c., safety thermostat

1-step closing

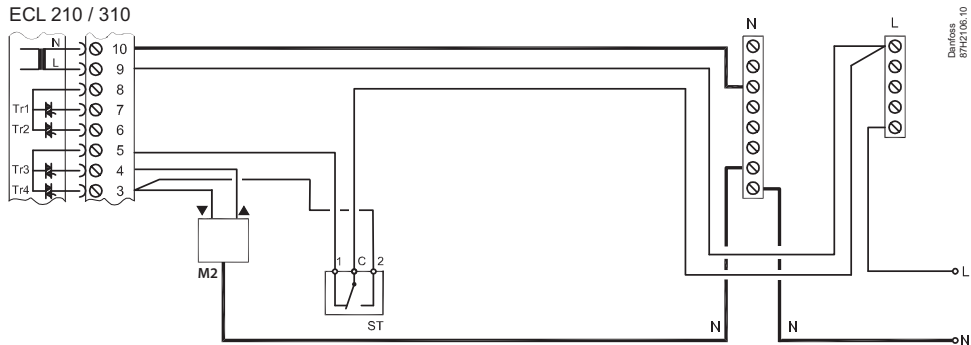
ECL 210 / 310 / 311



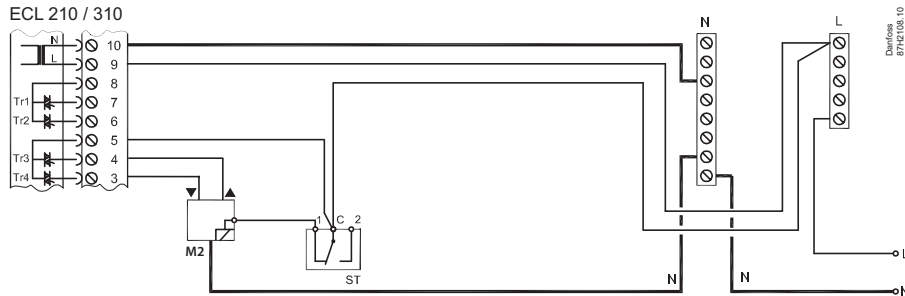
ECL 210 / 310 / 311



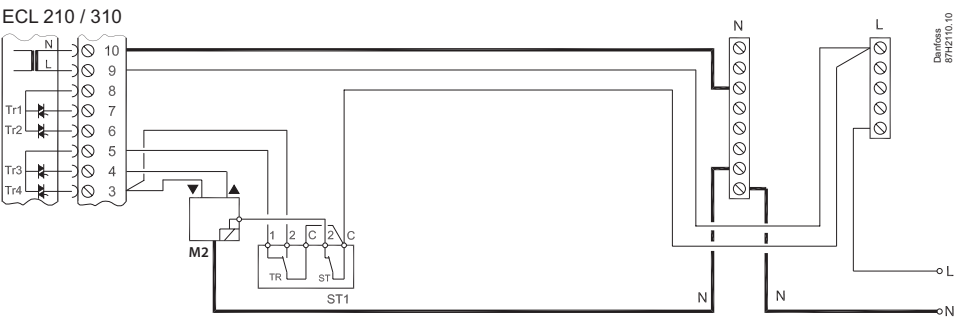
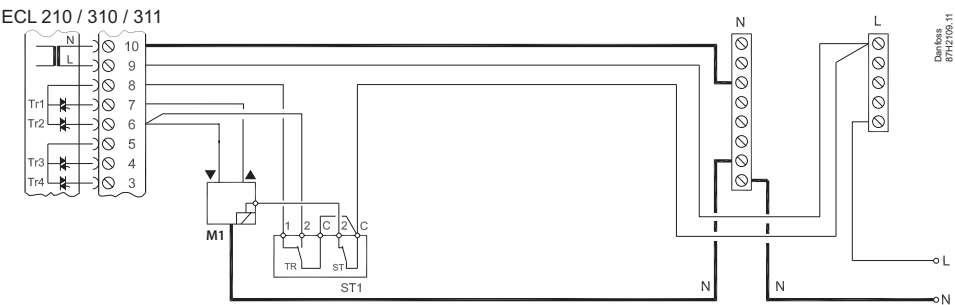
ECL 210 / 310



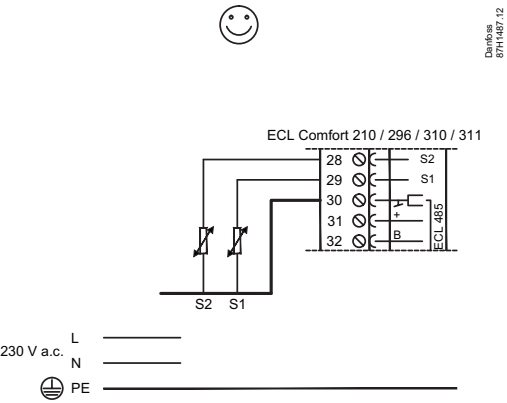
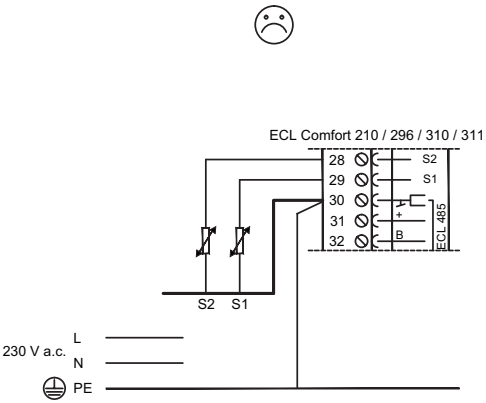
ECL 210 / 310



230 V a.c. / 24 V a.c., safety thermostat
2-step closing



Pt 1000 (1000 Ω / 0 °C)

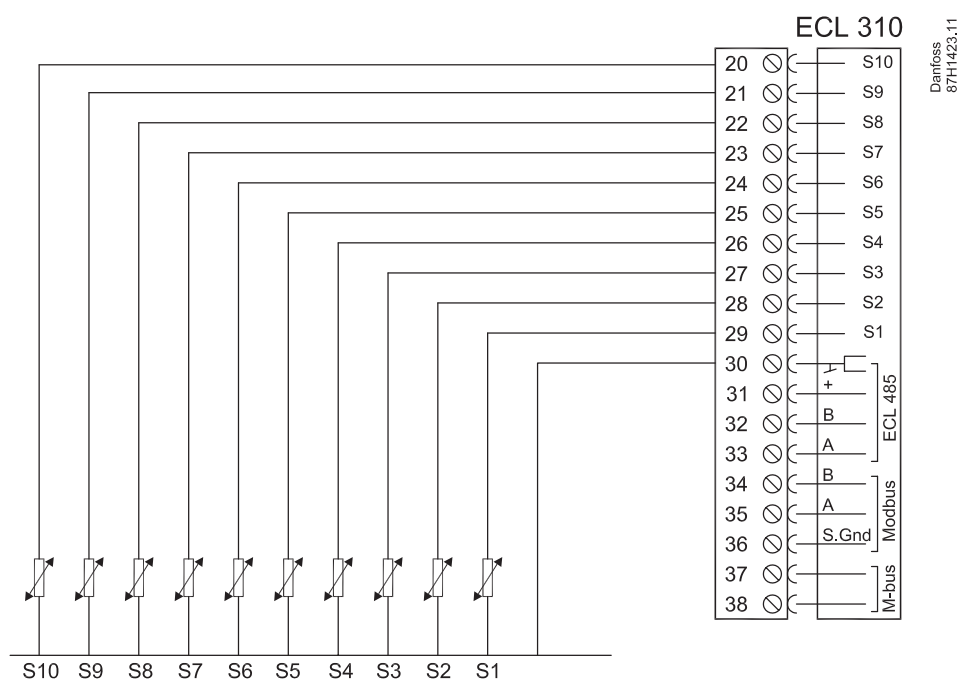


Pt 1000

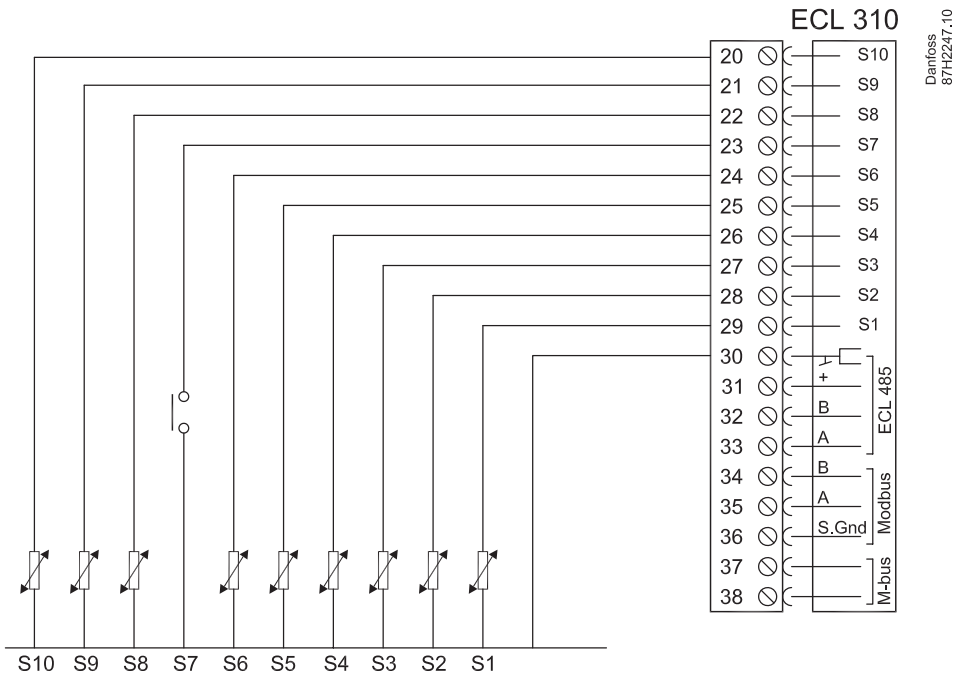
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
P501.1	x	x	x	x	x	x	x	x	x	x
P501.2	x	x	x	x	x	x	x	x	x	x
P501.11	x	x	x	x	x	x	x	x	x	x
P501.12	x	x	x	x	x	x	x	x	x	x
P501.13	x	x	x	x	x	x		x	x	x

P501.1, P501.2, P501.11, P501.12

Pt 1000 (1000 Ω / 0 °C)



P501.13
Pt 1000 (1000 Ω / 0 °C)

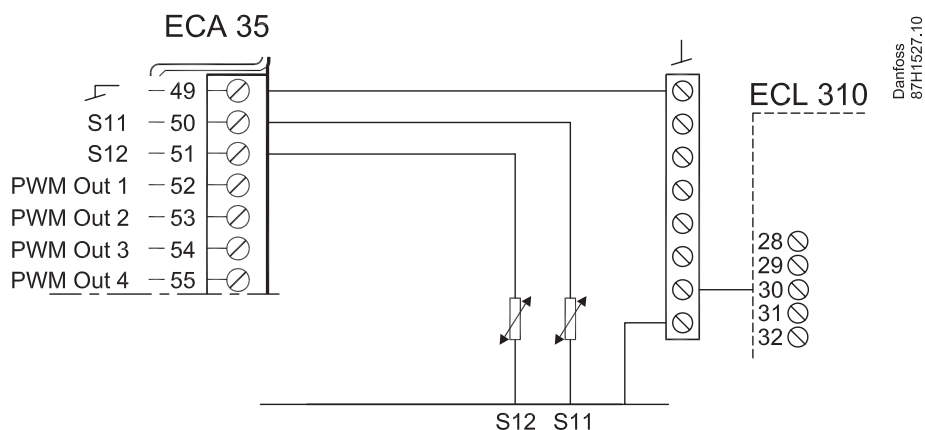


	ECA 32					
	S11	S12	S13	S14	S15	S16
P501.1	Pt 1000	Pt 1000				
P501.2	Pt 1000	Pt 1000				
P501.11	0 – 10 V		Pt 1000		Pt 1000	
P501.12						
P501.13						

	ECA 35					
	S11	S12	S13	S14	S15	S16
P501.1	Pt 1000	Pt 1000				
P501.2	Pt 1000	Pt 1000				
P501.11	0 - 10 V					
P501.12	Pt 1000	Pt 1000				
P501.13	Pt 1000	Pt 1000				

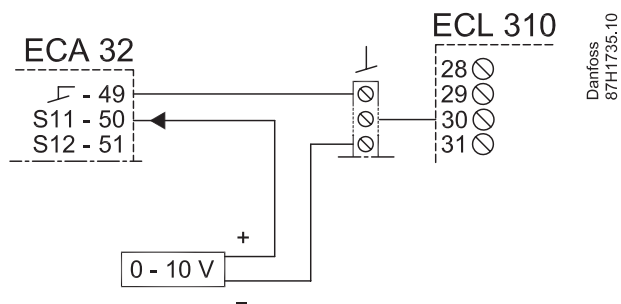
P501.1

ECA 32 / 35, S11, S12, Pt 1000



P501.11

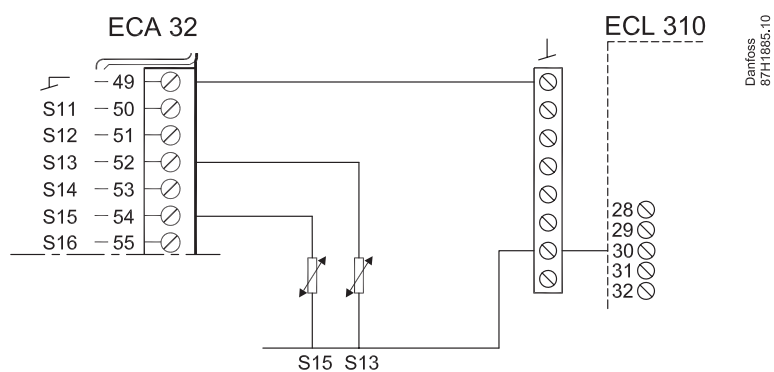
ECA 32, S11, 0 - 10 V



P501.11

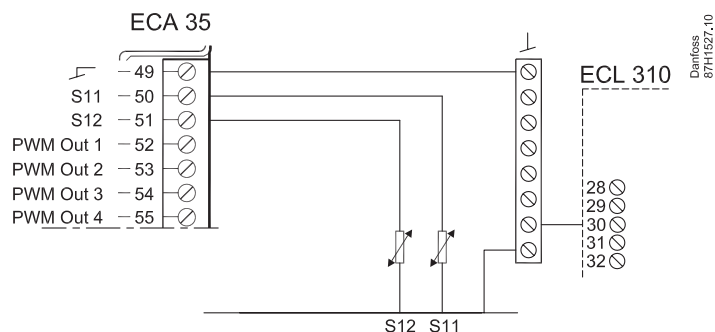
ECA 32

S13, S15, Pt 1000

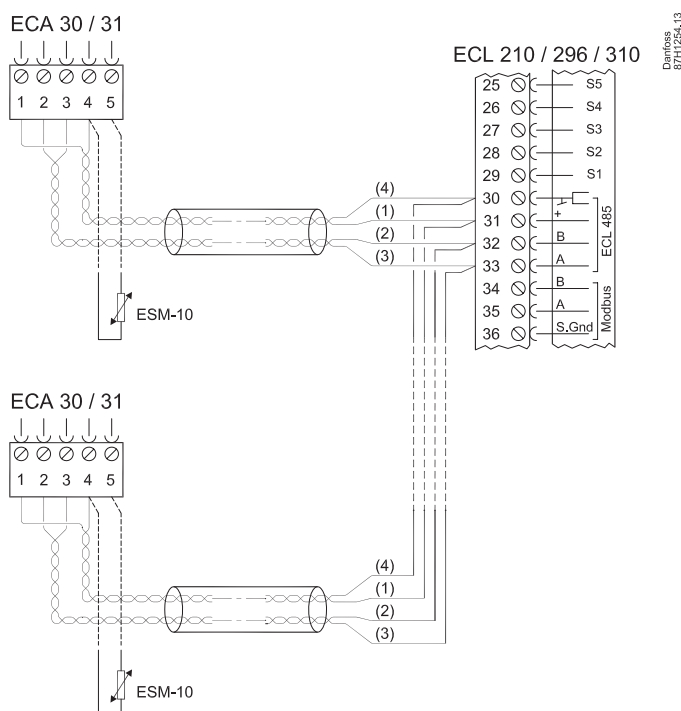


Installation Guide, ECL Comfort 310, P501

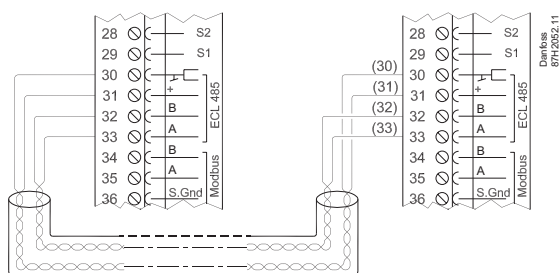
P501.12
P501.13
ECA 35
S11, S12



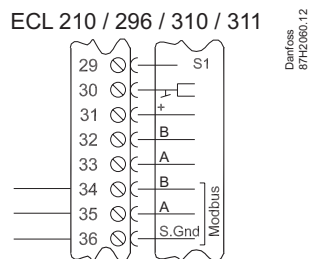
ECA 30 / 31



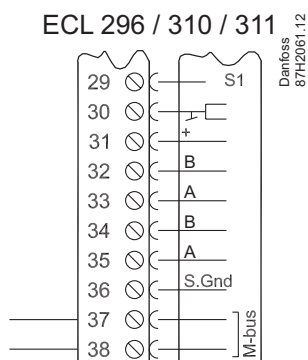
Master / slave



Modbus



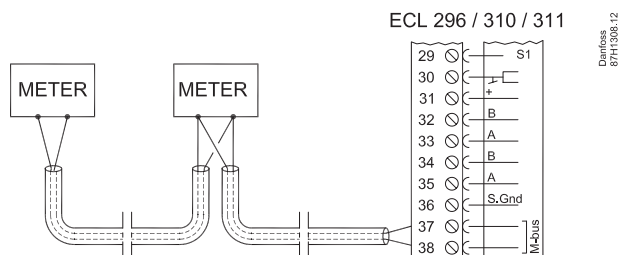
M-bus



P501.1, P501.2, P501.11, P501.12, P501.13:

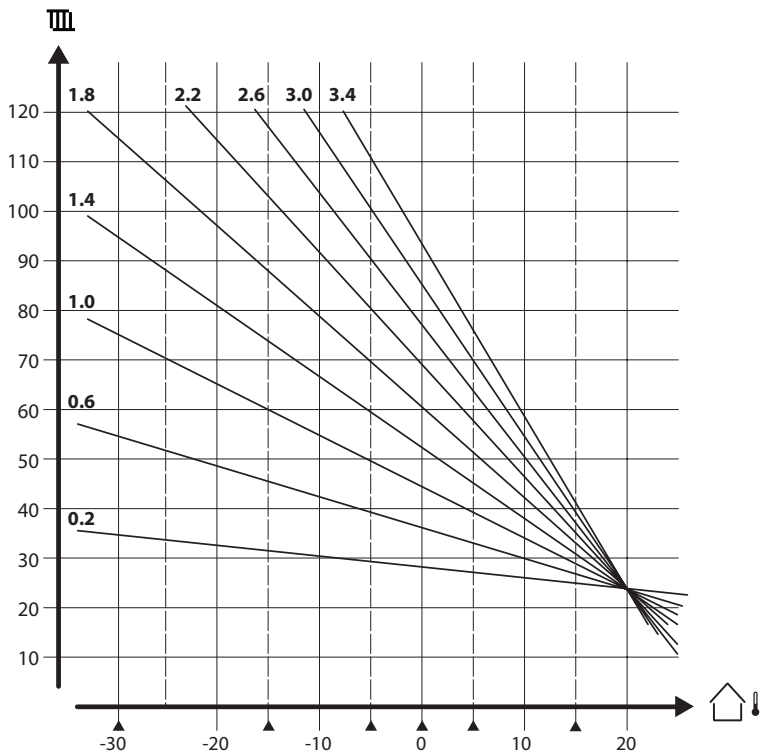
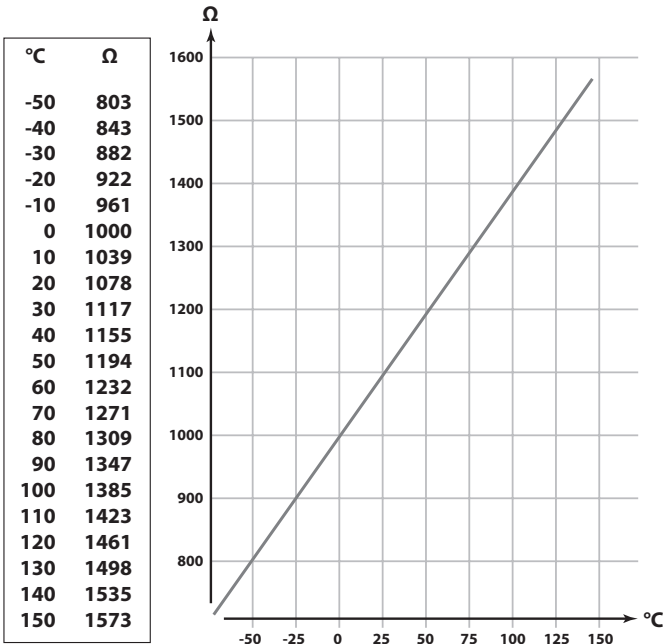
F1+ F2+F3+F4

M-bus



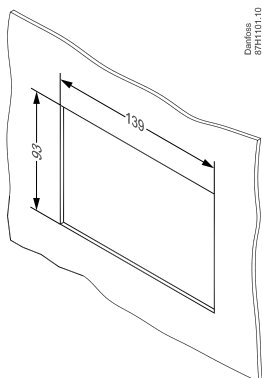
	F1	F2	F3	F4
P501.1	x	x		
P501.2	x	x		
P501.11	x	x	x	
P501.12	x	x	x	
P501.13	x (S19)	x	x	x

Pt 1000 (IEC 751B, 1000 Ω / 0 °C)

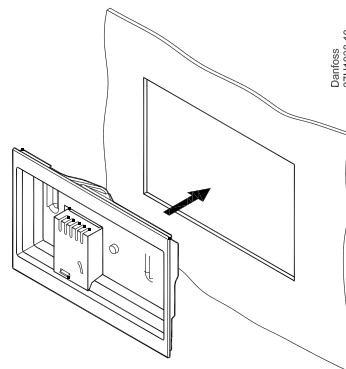


ECA 30

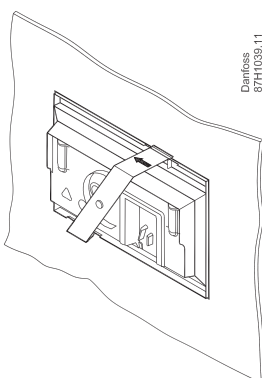
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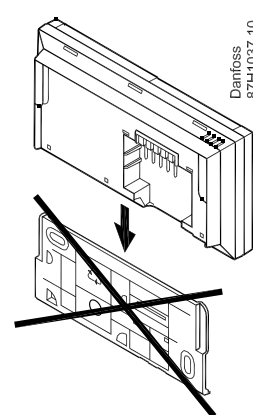
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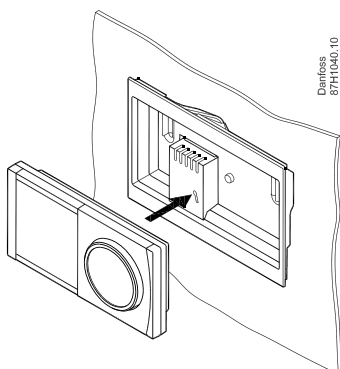
3



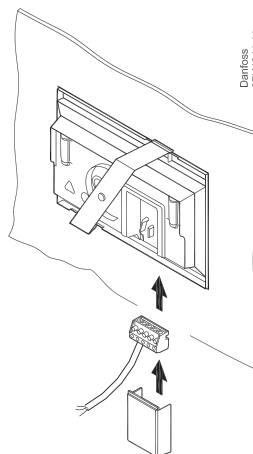
4



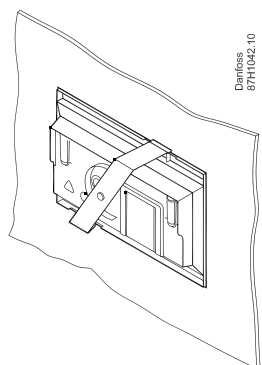
5



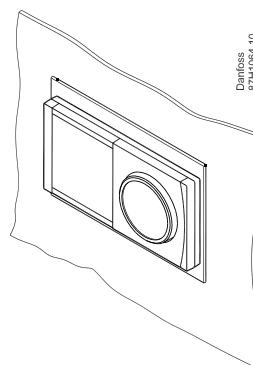
6



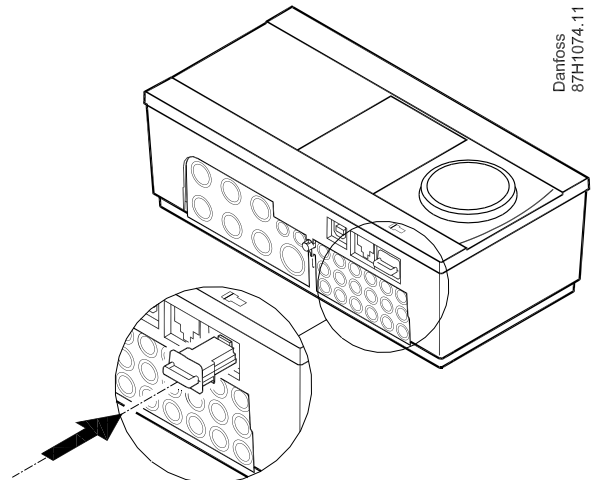
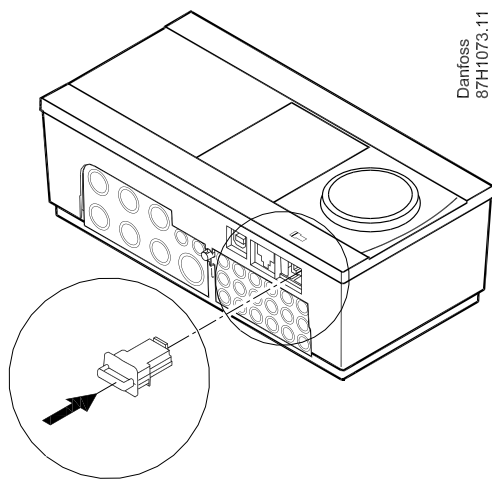
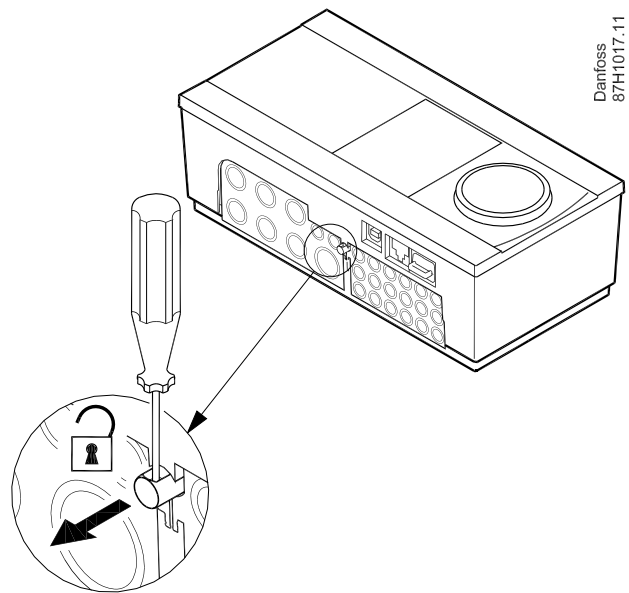
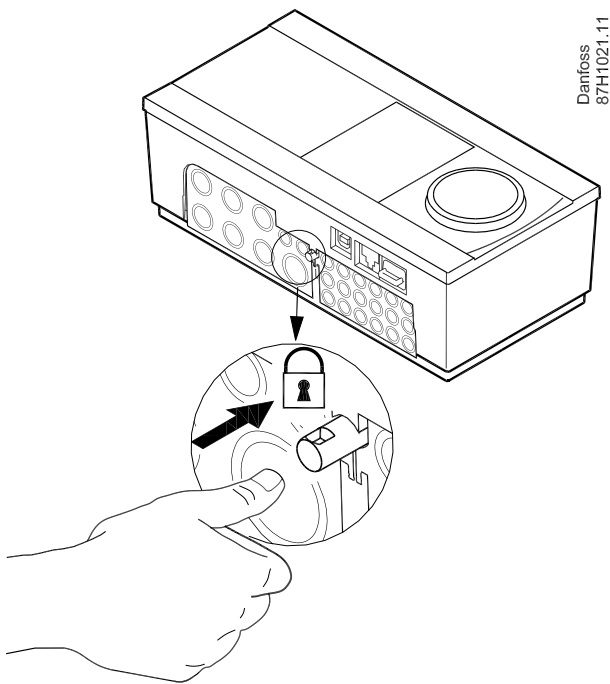
7



8



Installation Guide, ECL Comfort 310, P501



?  **ECL Comfort 310, P501: www.danfoss.com**

?  **<https://www.youtube.com/user/DanfossHeating>**
-> Playlists -> How-to Videos -> District Energy installation videos



Danfoss A/S
Climate Solutions • danfoss.com • +45 7488 2222

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