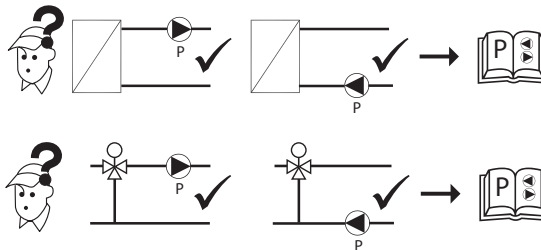
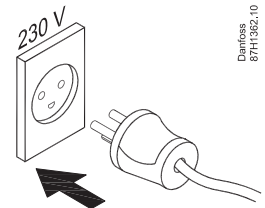
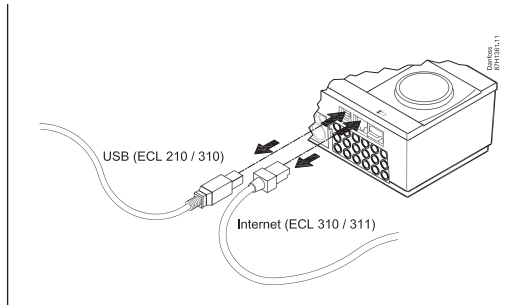
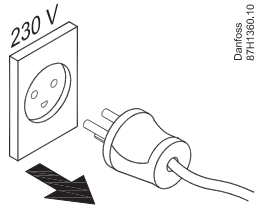
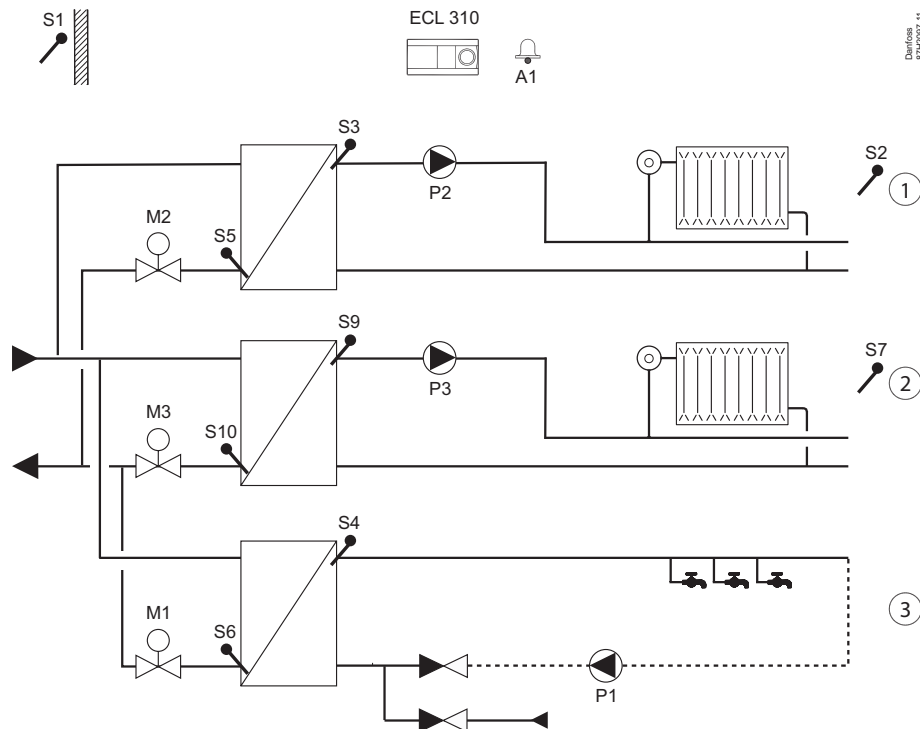


Installation Guide

ECL Comfort 310, A376 (code no. 087H3810)

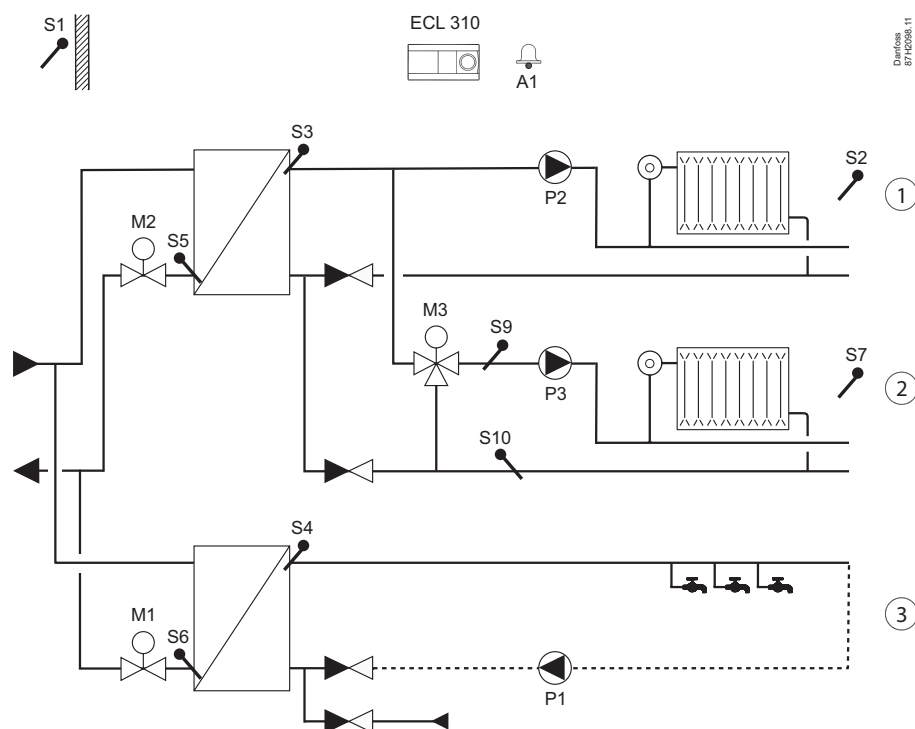


A376.1, ex. a:



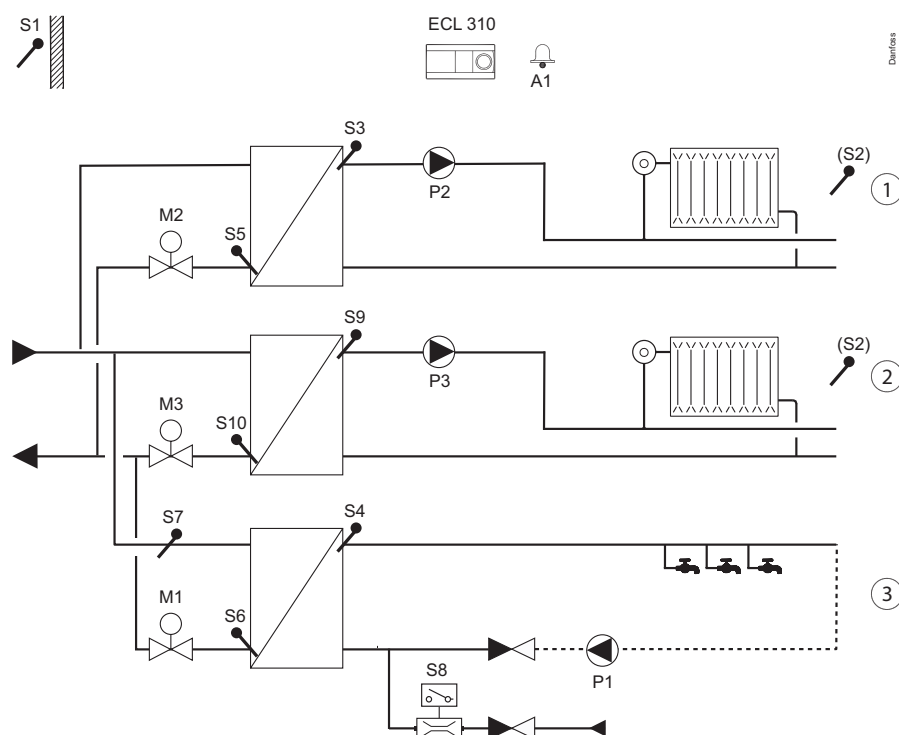
ECL 310 + ECA 32: M1, M2, M3 = 0 - 10 V

A376.1, ex. b:



ECL 310 + ECA 32: M1, M2, M3 = 0 - 10 V

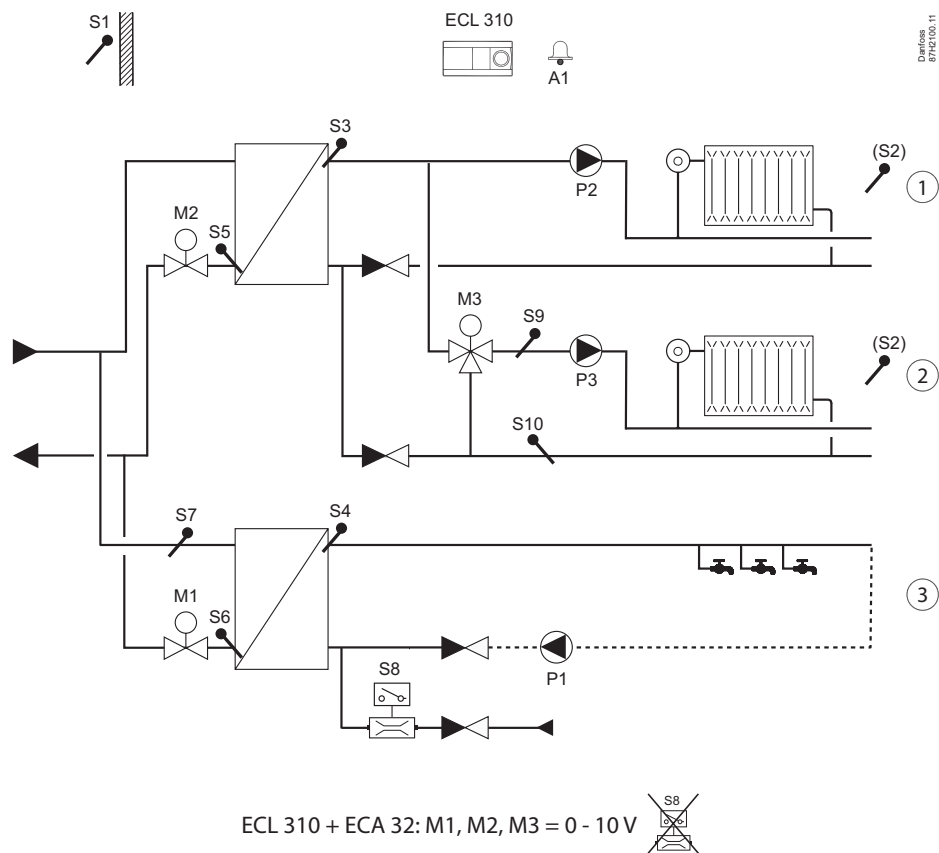
A376.2, ex. a:



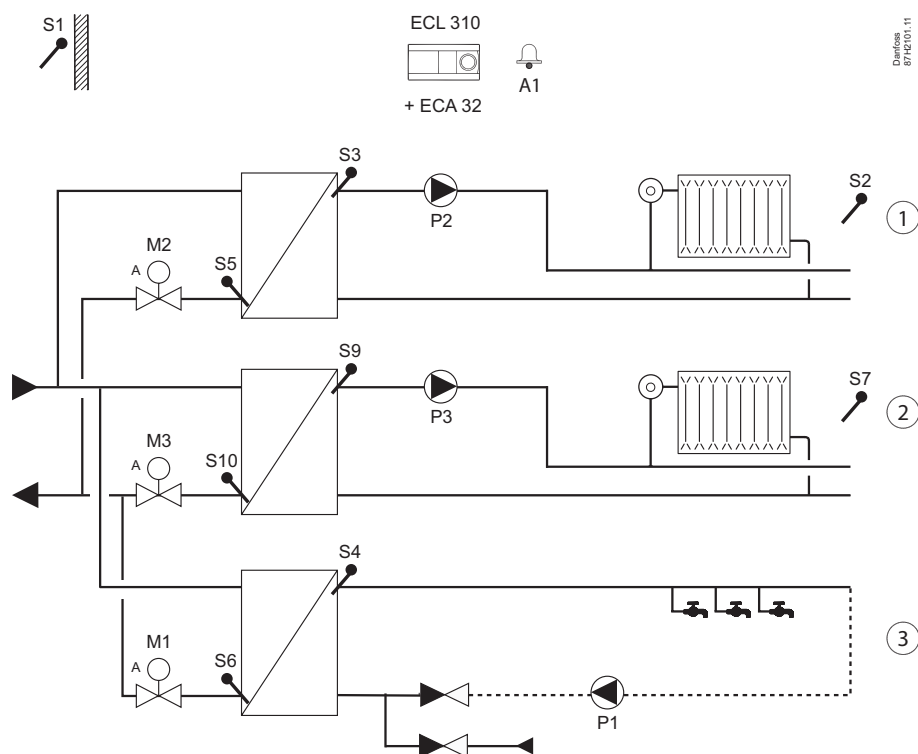
ECL 310 + ECA 32: M1, M2, M3 = 0 - 10 V



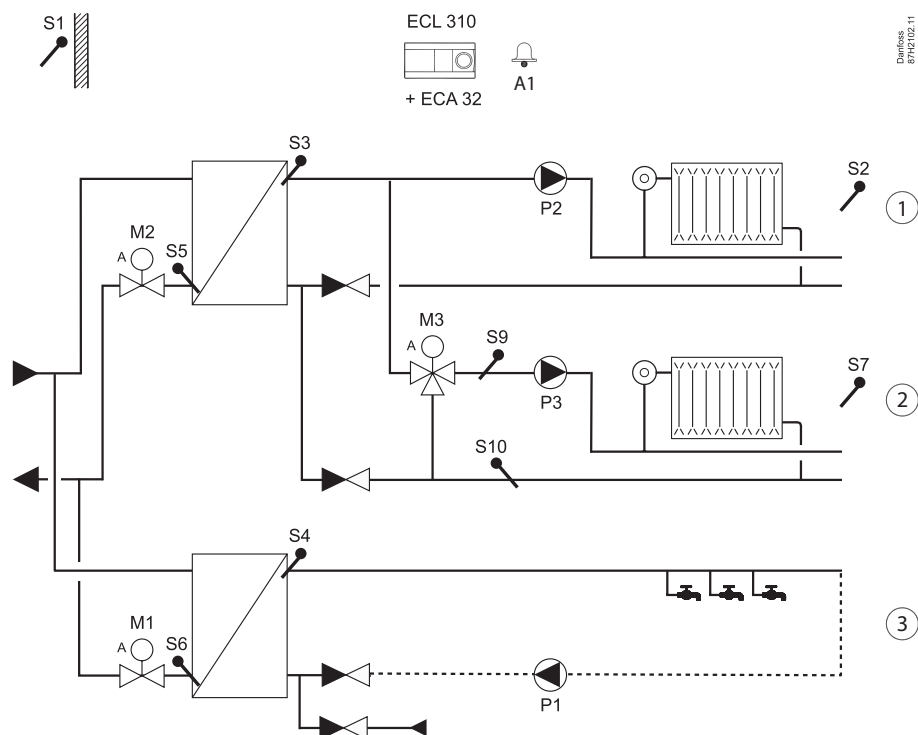
A376.2, ex. b:



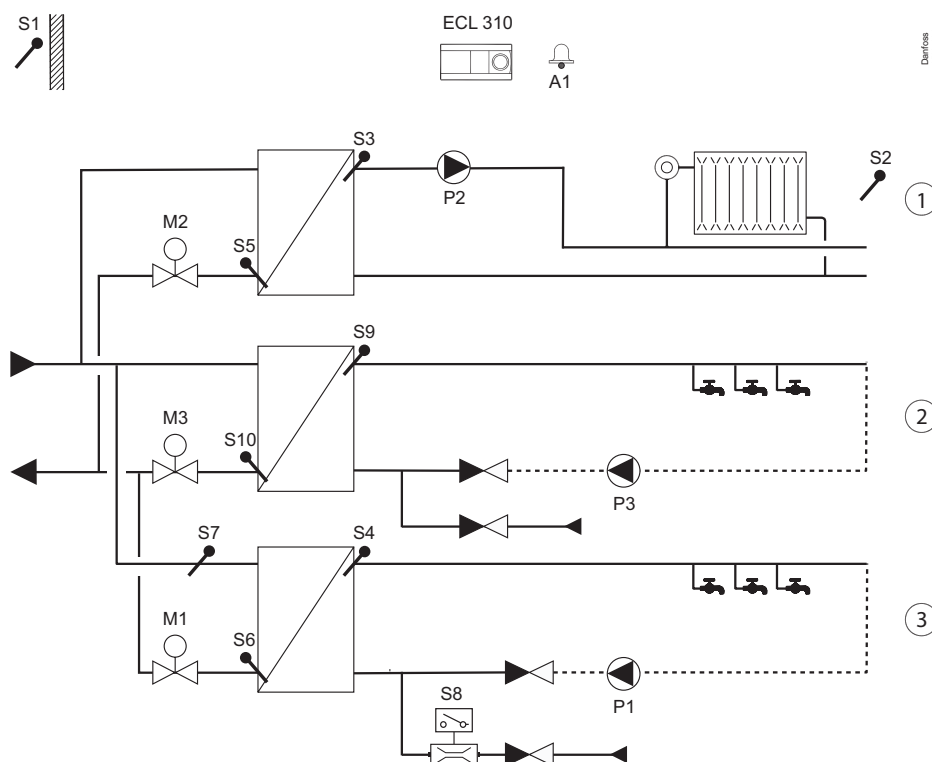
A376.3, ex. a:



A376.3, ex. b:



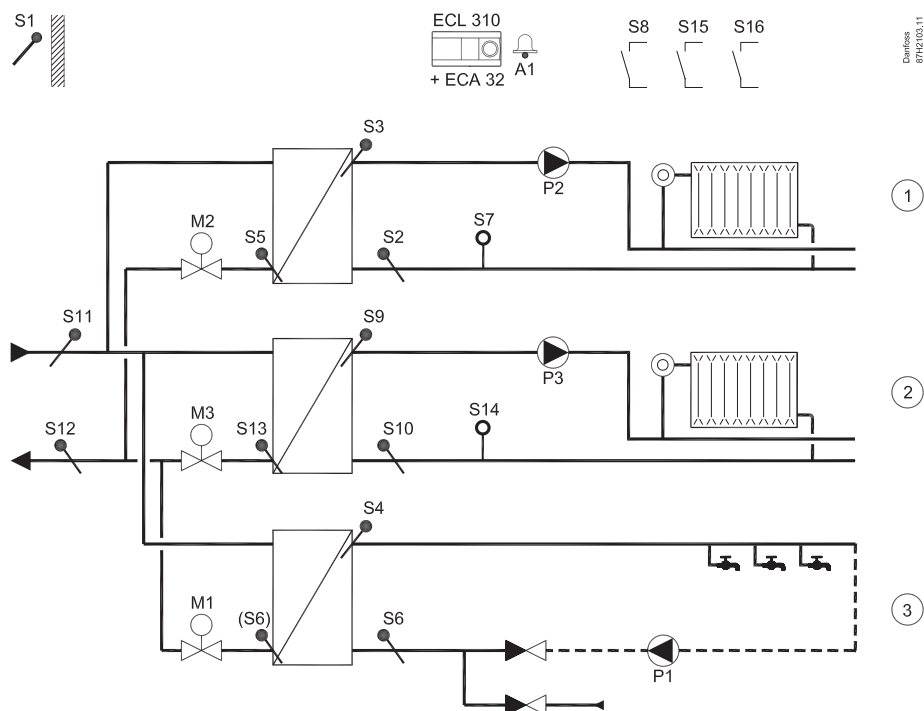
A376.4, ex. a:



ECL 310 + ECA 32: M1, M2, M3 = 0 - 10 V

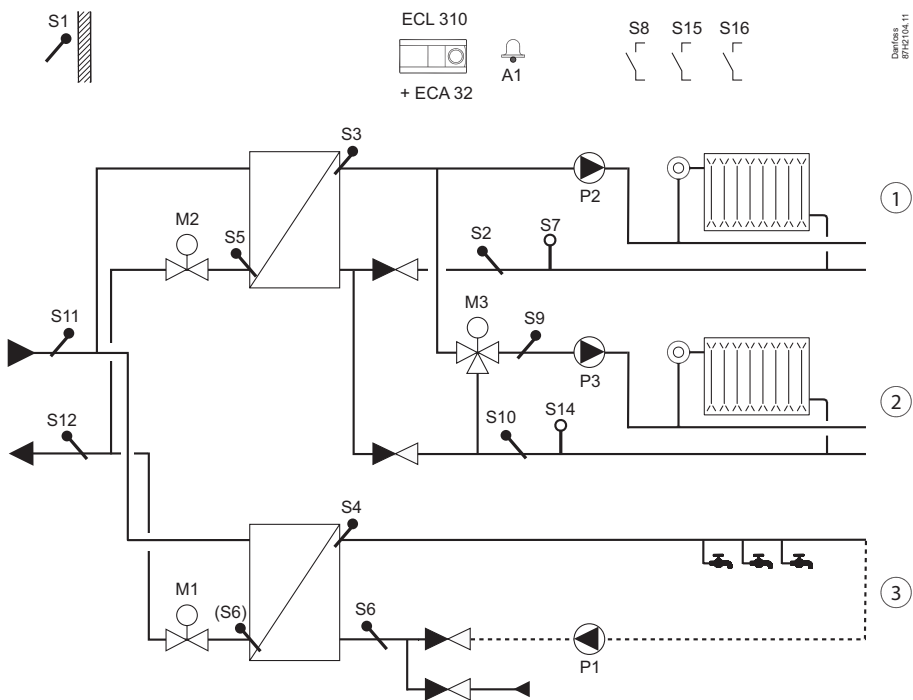


A376.9, ex. a:



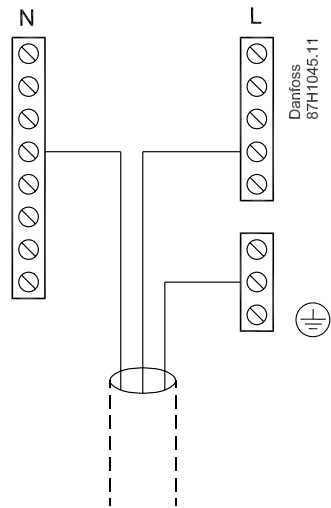
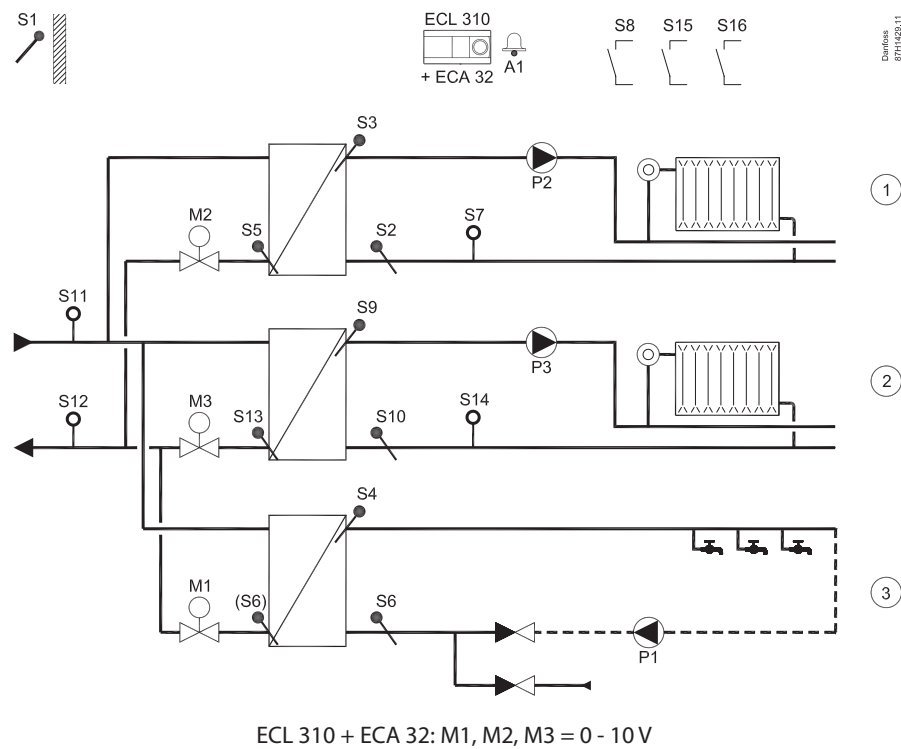
ECL 310 + ECA 32: M1, M2, M3 = 0 - 10 V

A376.9, ex. b:



ECL 310 + ECA 32: M1, M2, M3 = 0 - 10 V

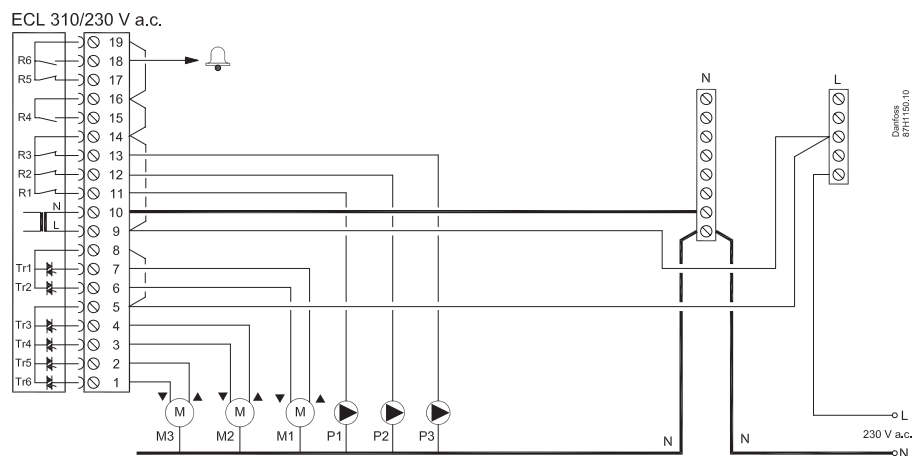
A376.10, ex. a:



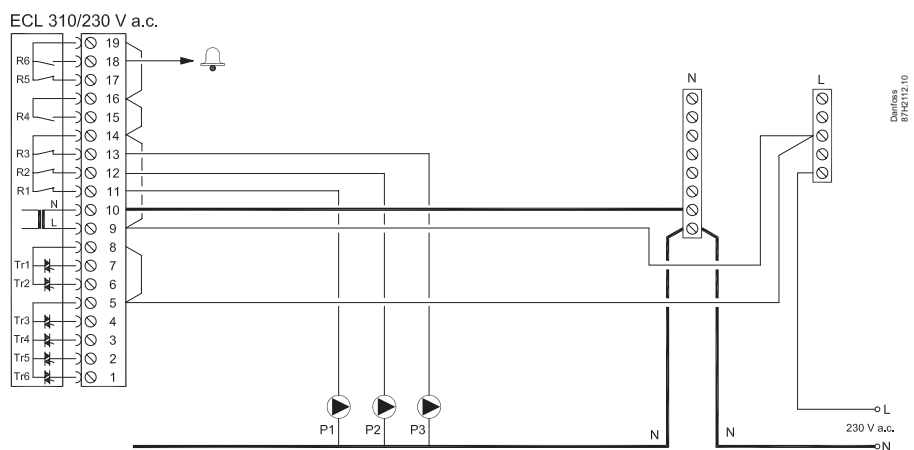
ECL Comfort 310:
230 V a.c.

R	4 (2) A / 230 V a.c.
R	
Tr	0,2 A / 230 V a.c.

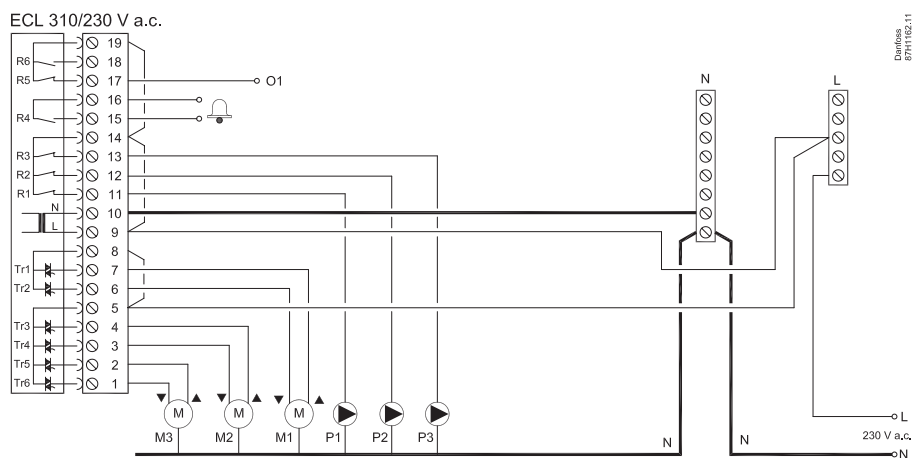
230 V a.c. - A376.1, A376.2, A376.4



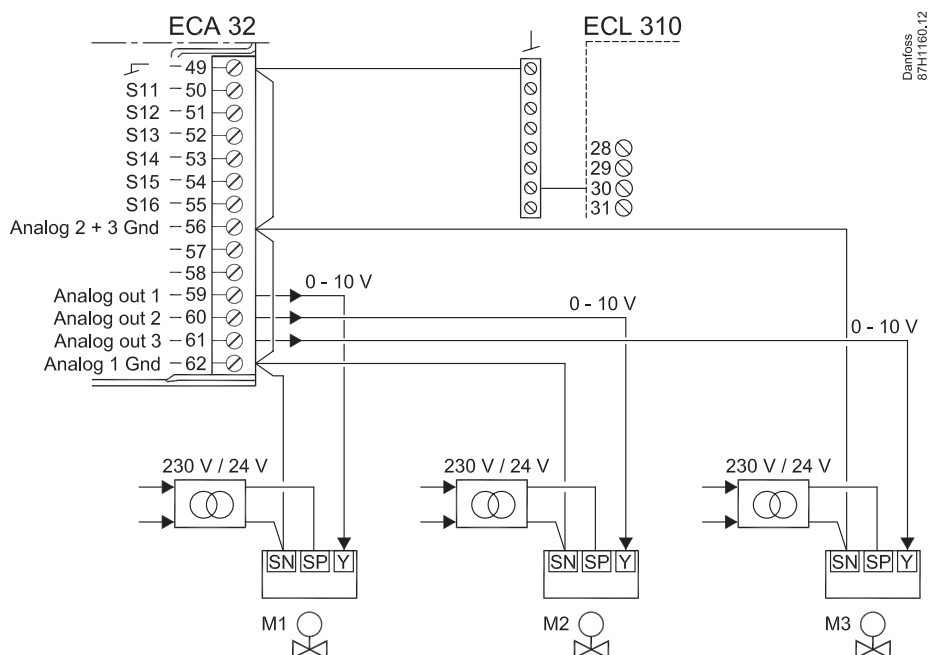
230 V a.c. - A376.3



230 V a.c. - A376.9, A376.10

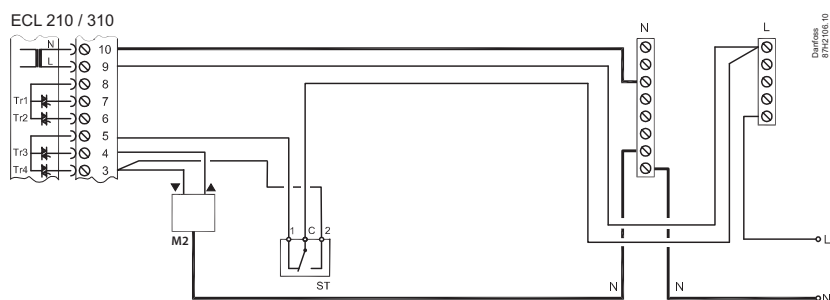
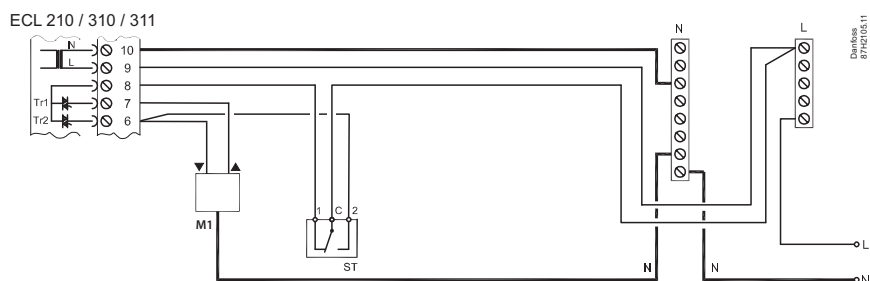


A376.3 - ECA 32

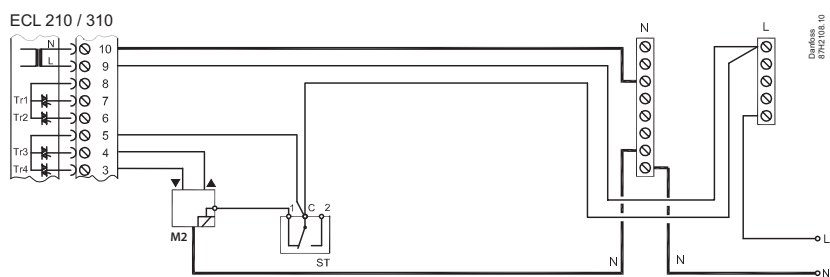
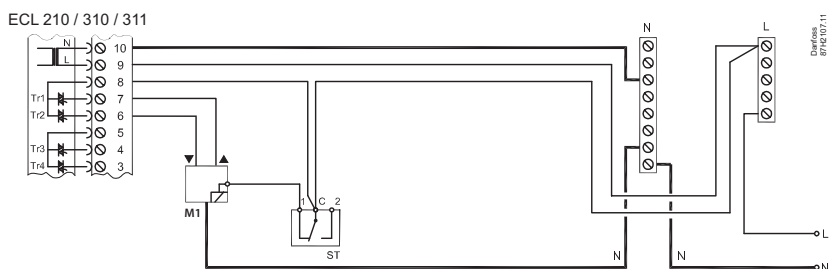


230 V a.c. / 24 V a.c. safety thermostat

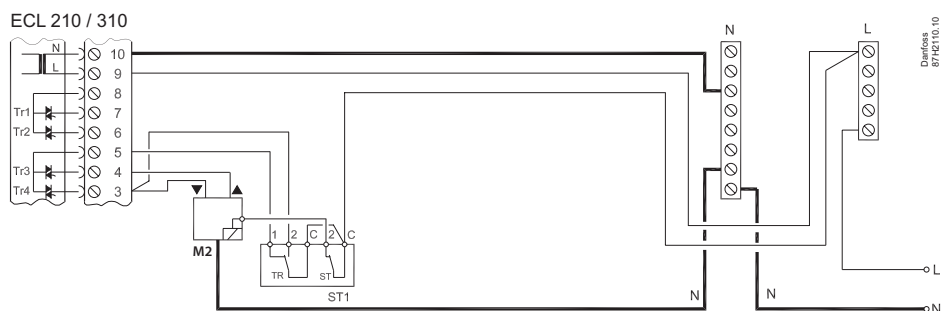
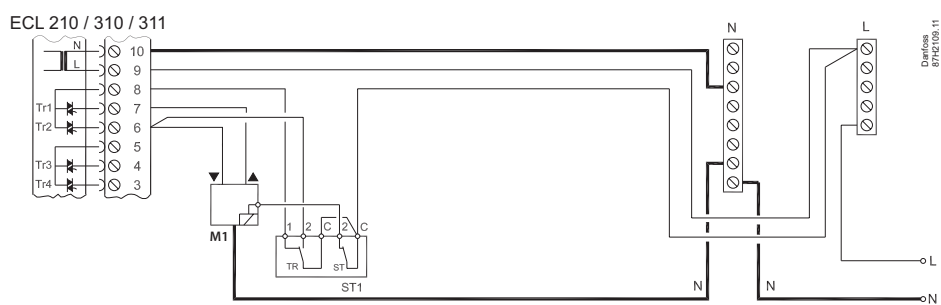
1-step closing



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

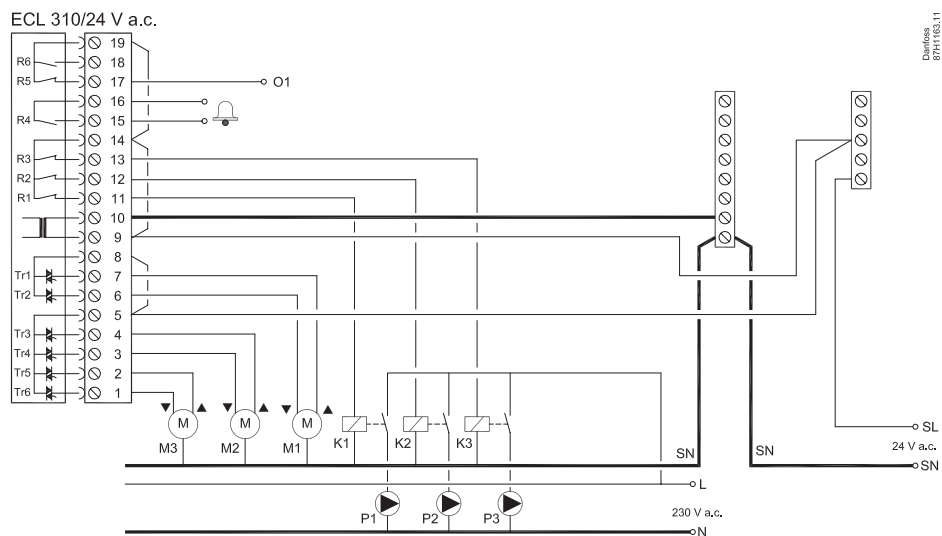


230 V a.c. / 24 V a.c. safety thermostat
2-step closing



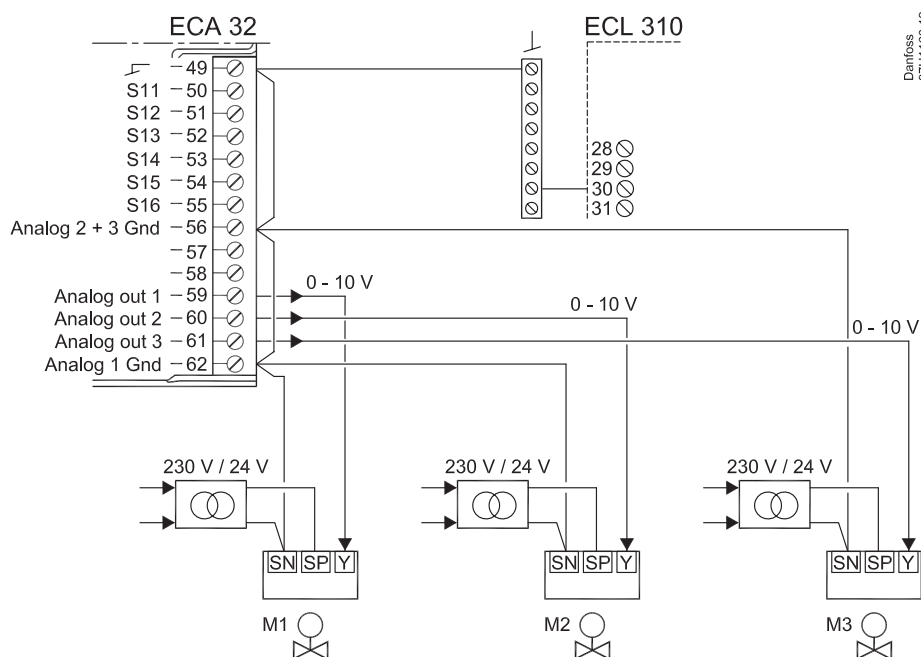
R	4 (2) A / 24 V a.c.
Tr	1 A / 24 V a.c.

24 V a.c. - A376.9, A376.10



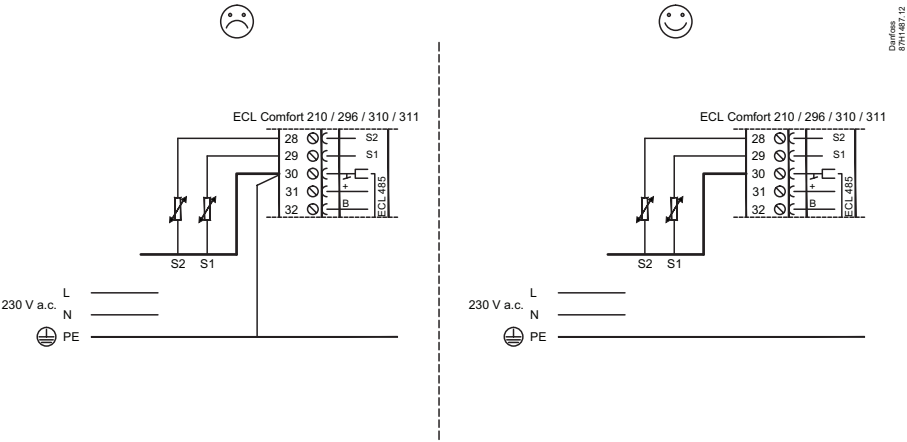
A376, ECA 32

	0-10 V:		
	M1	M2	M3
A376.1	✓	✓	✓
A376.2	✓	✓	✓
A376.3	✓	✓	✓
A376.4	✓	✓	✓
A376.9	✓	✓	✓
A376.10	✓	✓	✓

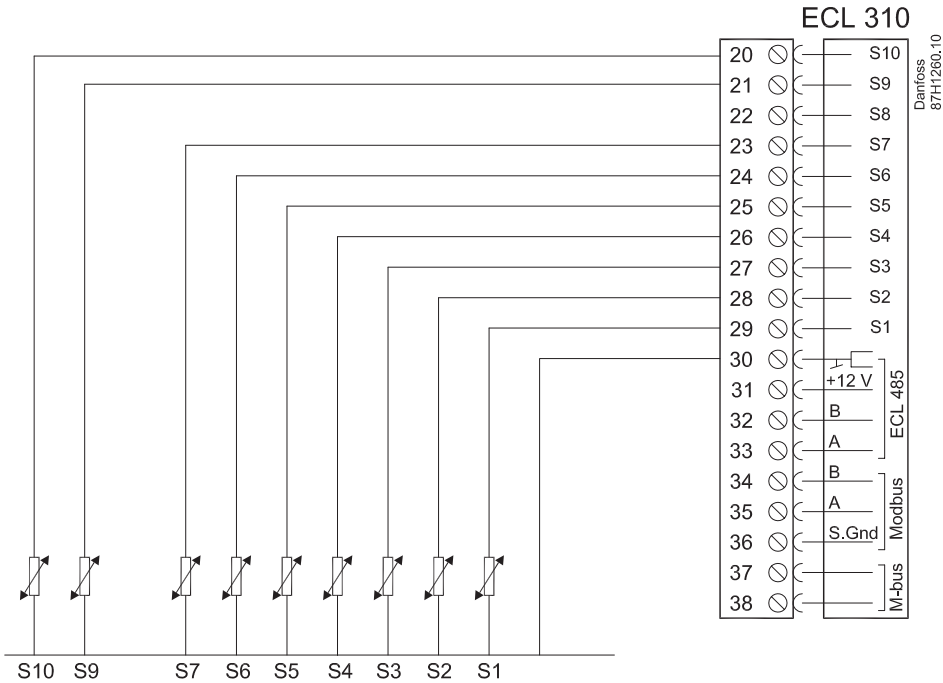


ECL 310

Pt 1000 (1000 Ω / 0 °C)



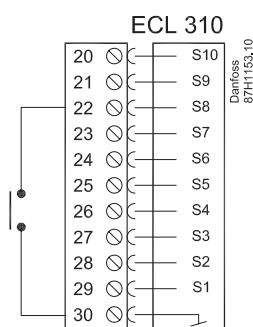
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
A376.1	✓	✓	✓	✓	✓	✓	✓		✓	✓
A376.2	✓	✓	✓	✓	✓	✓	✓		✓	✓
A376.3	✓	✓	✓	✓	✓	✓	✓		✓	✓
A376.4	✓	✓	✓	✓	✓	✓	✓		✓	✓
A376.9	✓	✓	✓	✓	✓	✓			✓	✓
A376.10	✓	✓	✓	✓	✓	✓			✓	✓



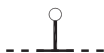
ECL 310



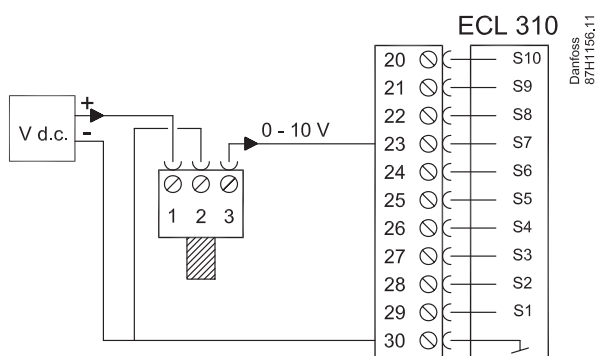
	S8
A376.1	
A376.2	✓
A376.3	
A376.4	✓
A376.9	✓
A376.10	✓



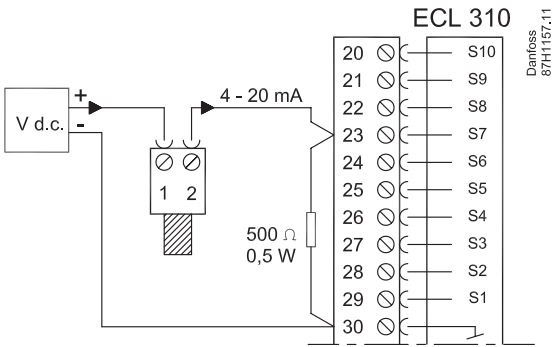
ECL 310



	S7
A376.1	
A376.2	
A376.3	
A376.4	
A376.9	✓
A376.10	✓



V d.c. = 12 - 24 V d.c.

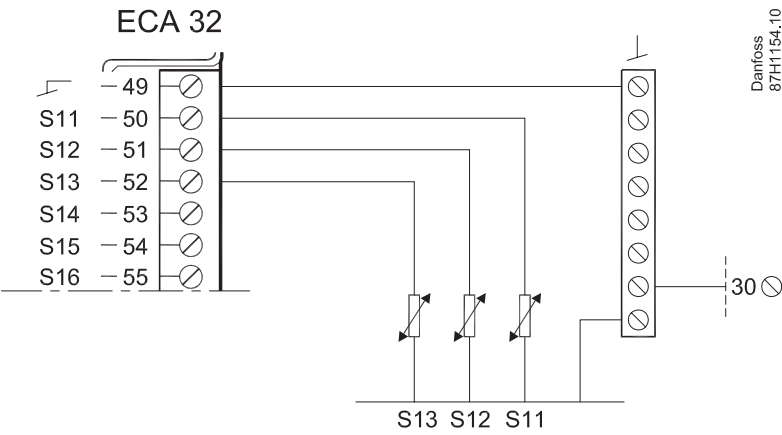


V d.c. = 12 - 24 V d.c.

ECA 32

Pt 1000 (1000 Ω / 0 $^{\circ}$ C)

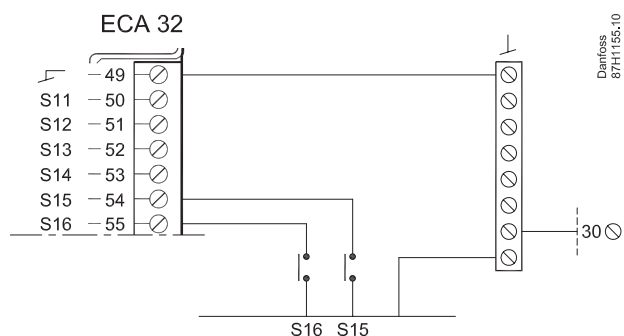
	S11	S12	S13
A376.1			
A376.2			
A376.3			
A376.4			
A376.9	✓	✓	✓
A376.10			✓



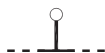
ECA32



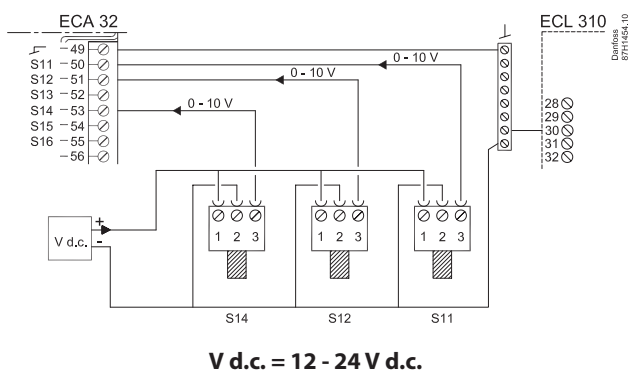
	S15	S16
A376.1		
A376.2		
A376.3		
A376.4		
A376.9	✓	✓
A376.10	✓	✓

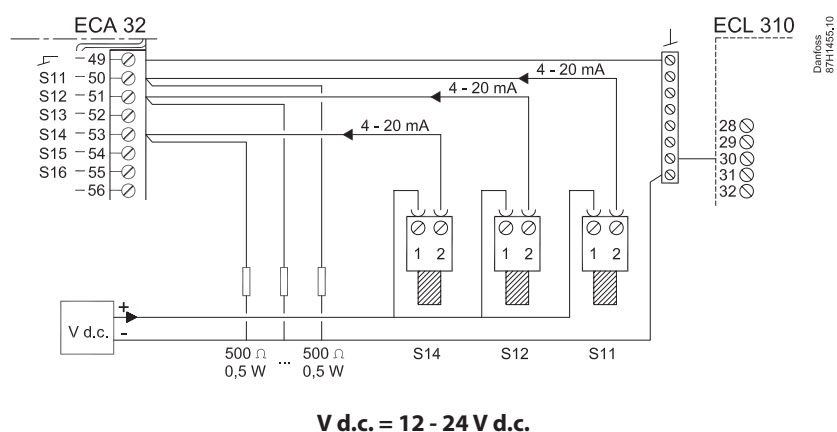


ECA32

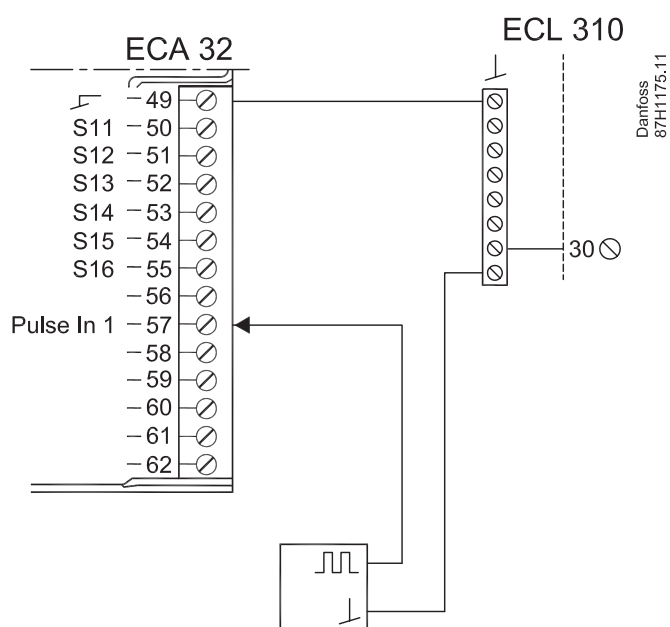


	S11	S12	S13	S14
A376.1				
A376.2				
A376.3				
A376.4				
A376.9				✓
A376.10	✓	✓		✓

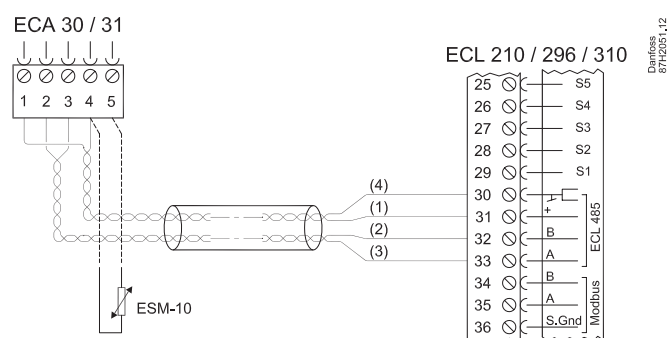




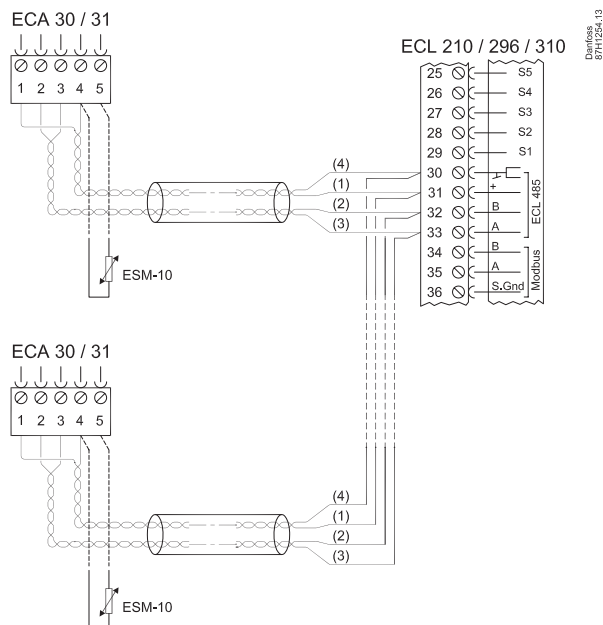
A376.9, A376.10



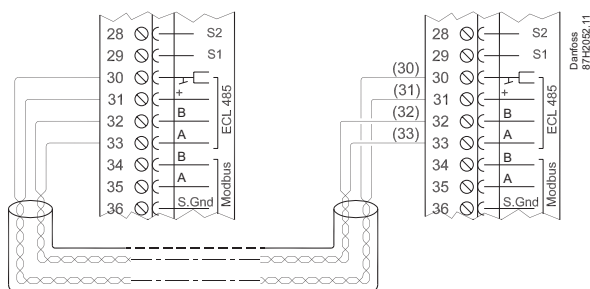
ECA 30 / 31



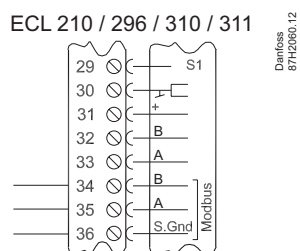
ECA 30 / 31



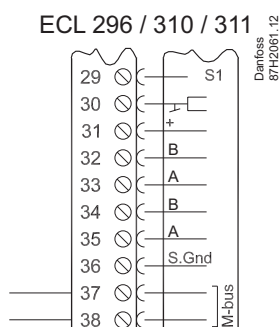
Master / slave



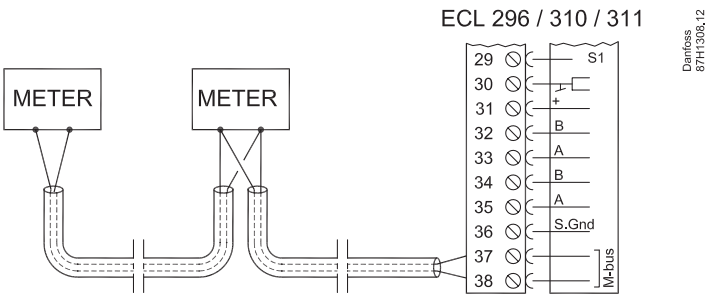
Modbus



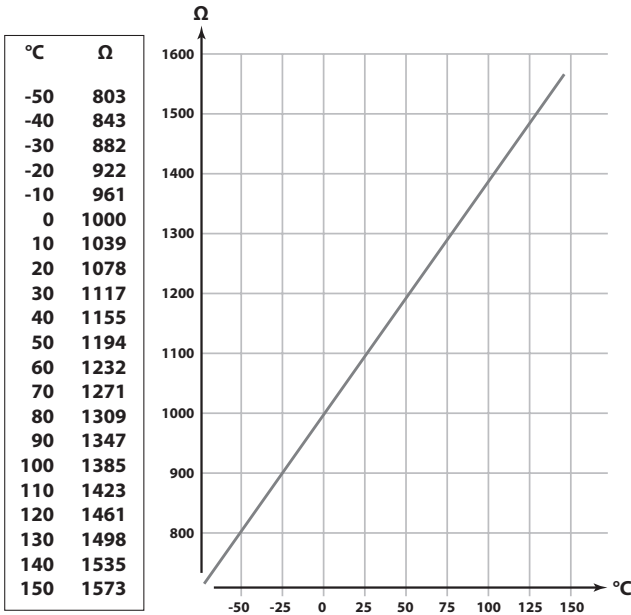
M-bus



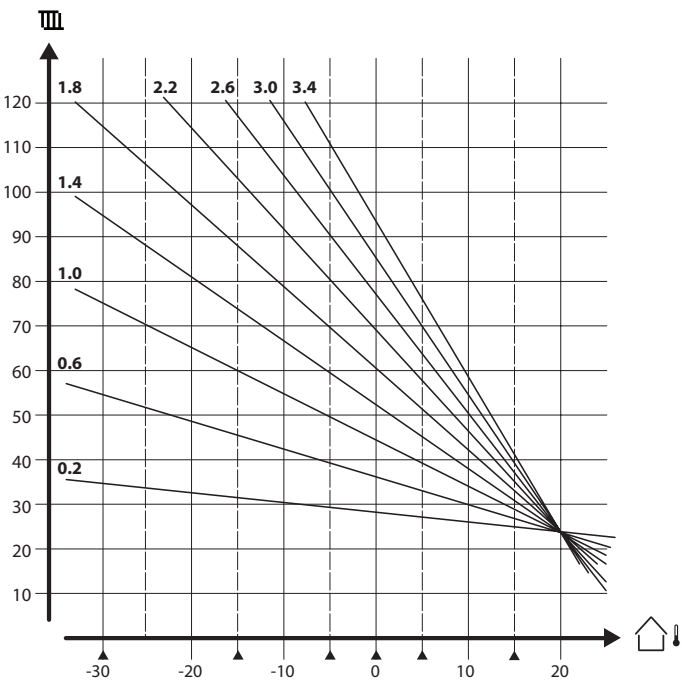
M-bus



Pt 1000 (IEC 751B, 1000 Ω / 0 $^{\circ}\text{C}$)

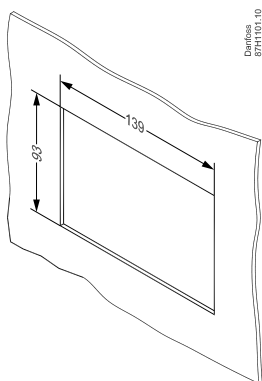


Heat curves

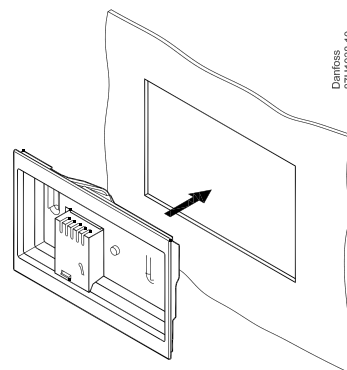


ECA 30

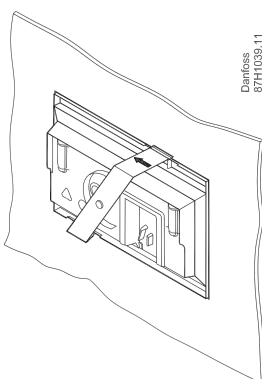
1



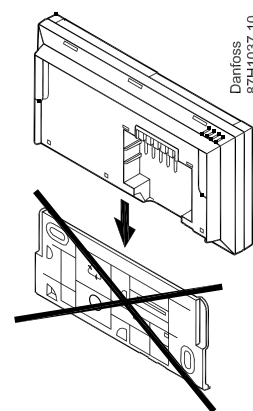
2



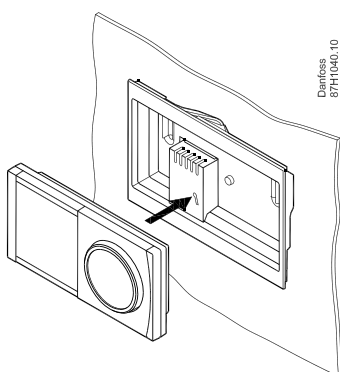
3



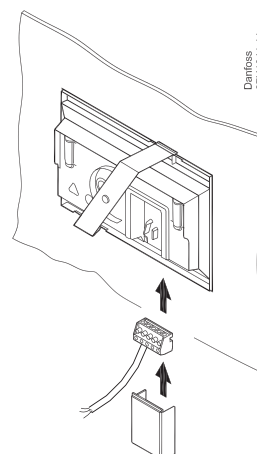
4



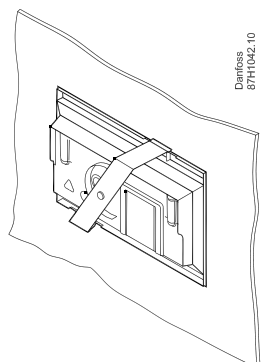
5



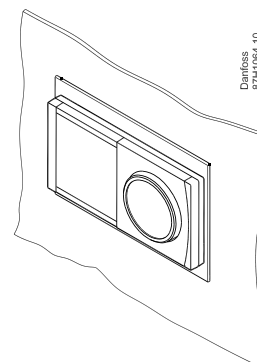
6



7

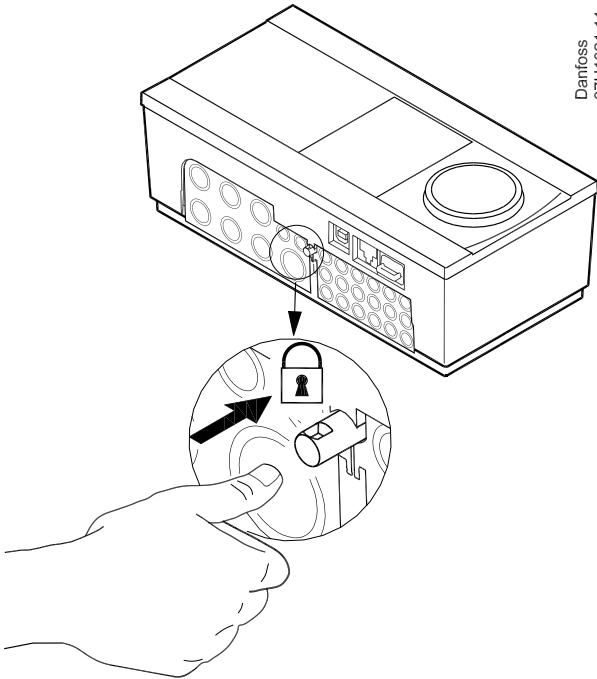


8

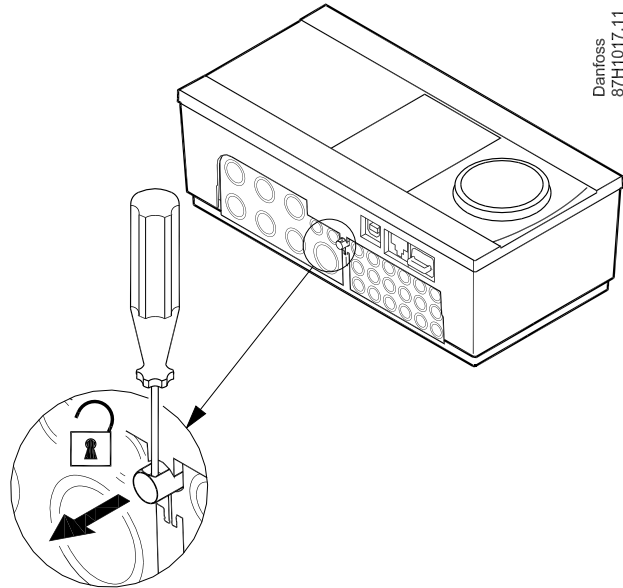


Installation Guide, ECL Comfort 310, A376

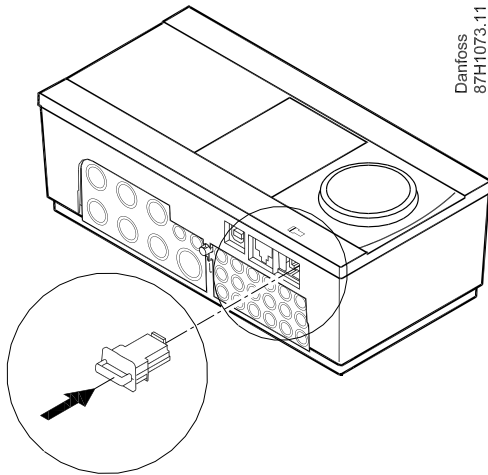
Danfoss
87H1021.11



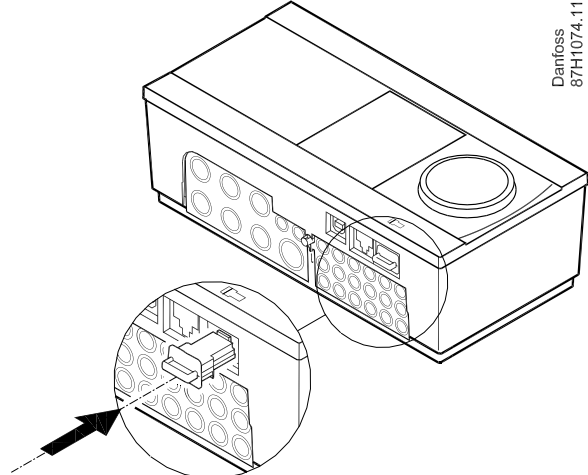
Danfoss
87H1017.11



Danfoss
87H1073.11



Danfoss
87H1074.11



?  **ECL Comfort 310, A376: www.danfoss.com or store.danfoss.com**
 ?  **<https://www.youtube.com/user/DanfossHeating>**
-> Playlists -> How-to Videos -> District Energy installation videos



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