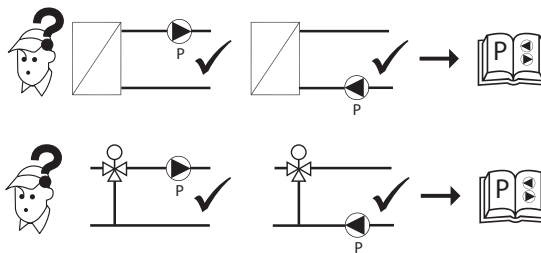
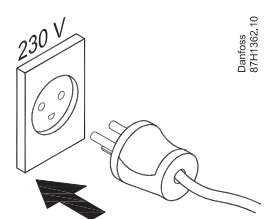
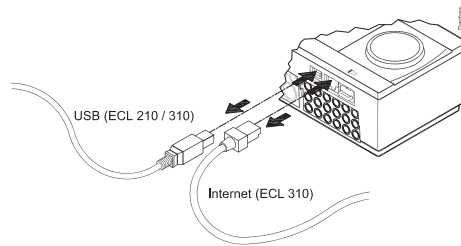
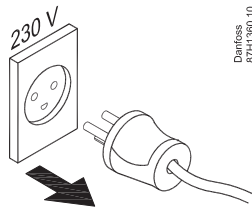
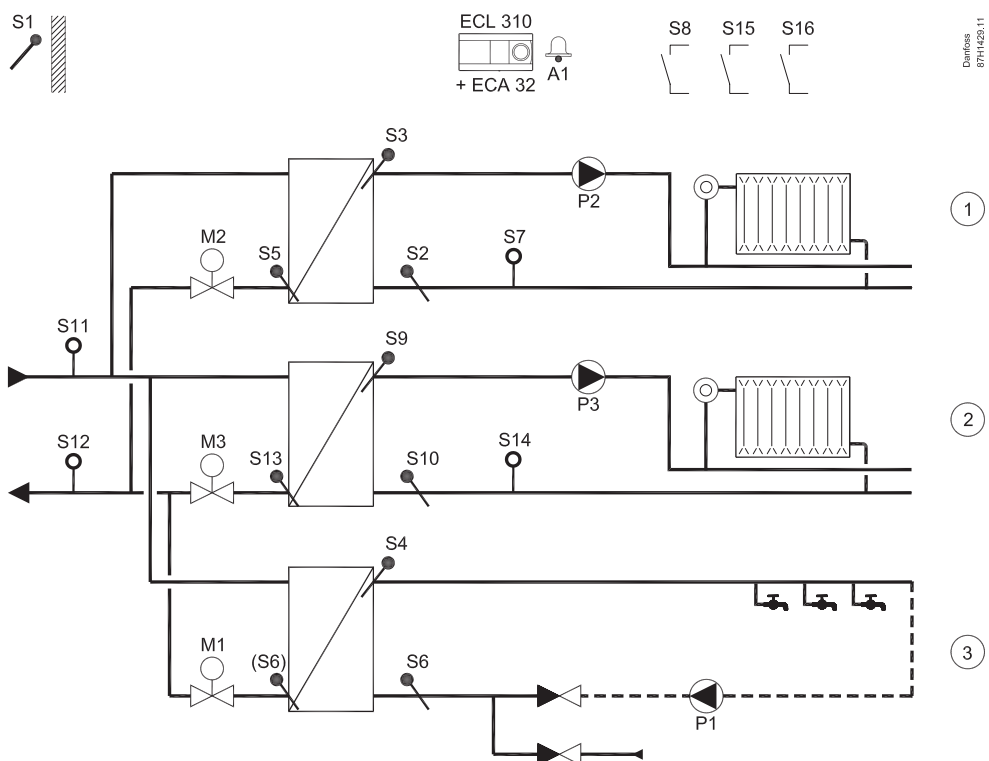


Installation Guide

ECL Comfort 310, P370 (code no. 087H3838) (P370.1, P370.11, P370.12)

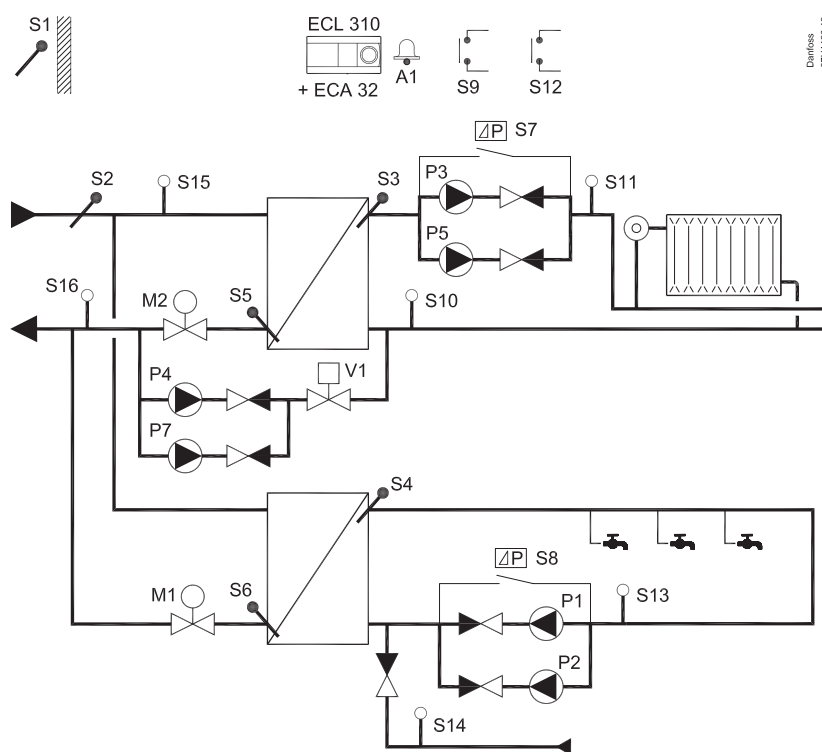


P370.1:



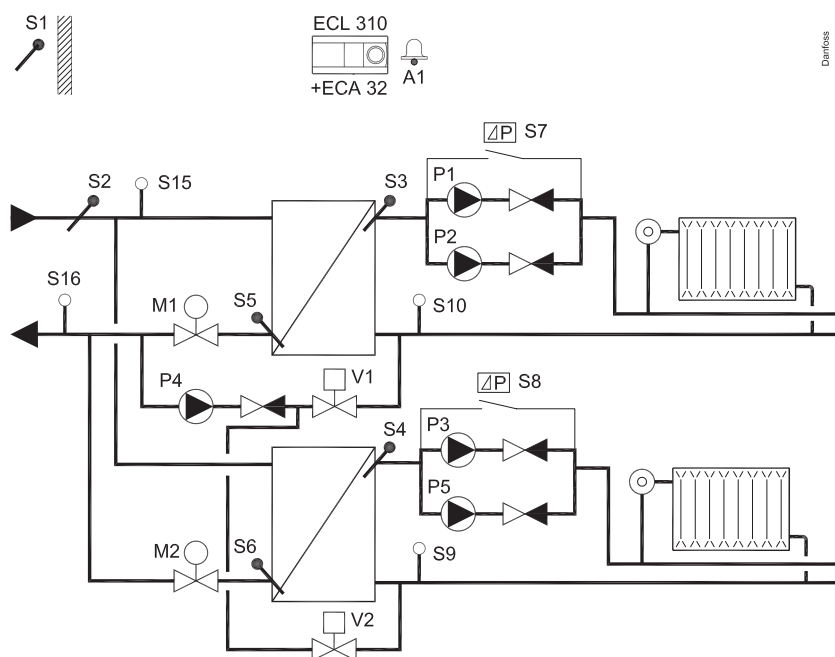
M1, M2, M3 = 3-point / 0 - 10 V

P370.11:






M1, M2 = 3-point / 0 - 10 V

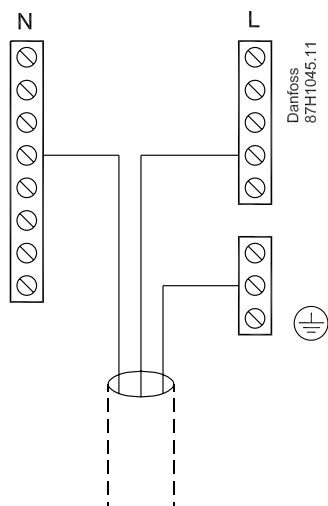
P370.12:



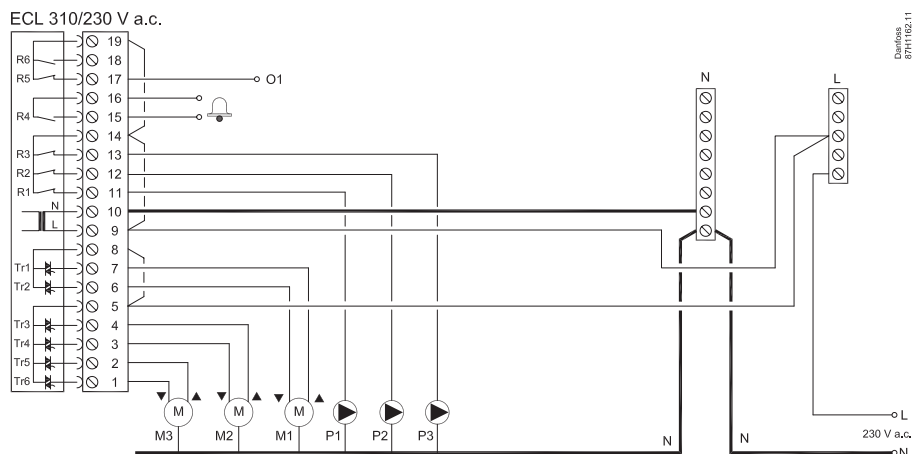
M1, M2 = 3-point / 0 - 10 V

**ECL Comfort 310:
230 V a.c.**

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



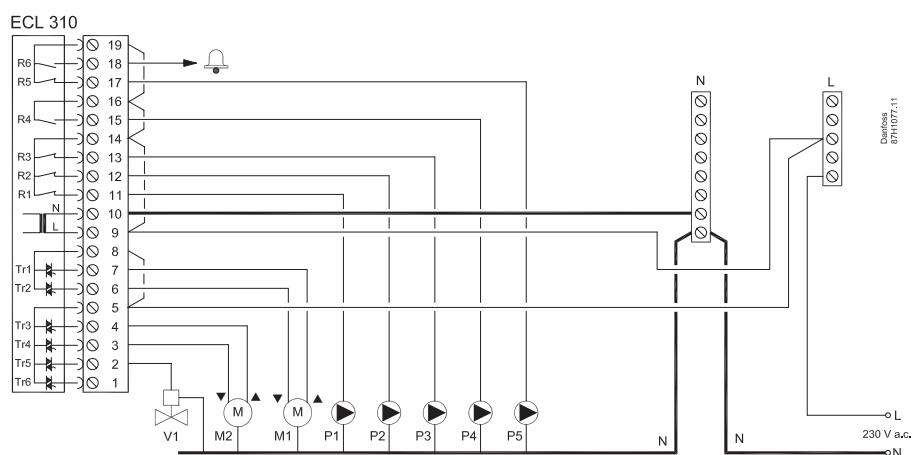
230 V a.c., P370.1



Installation Guide, ECL Comfort 310, P370

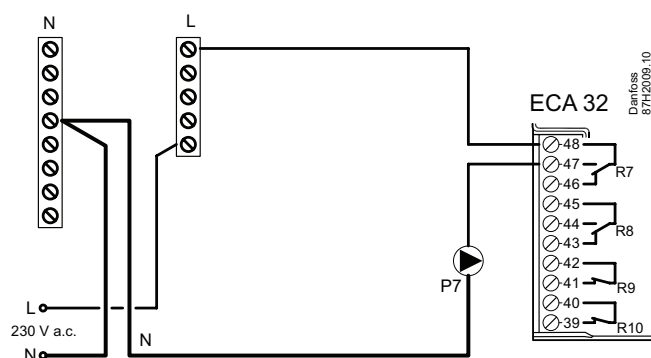
230 V a.c., P370.11

P1, P2, P3, P4, P5



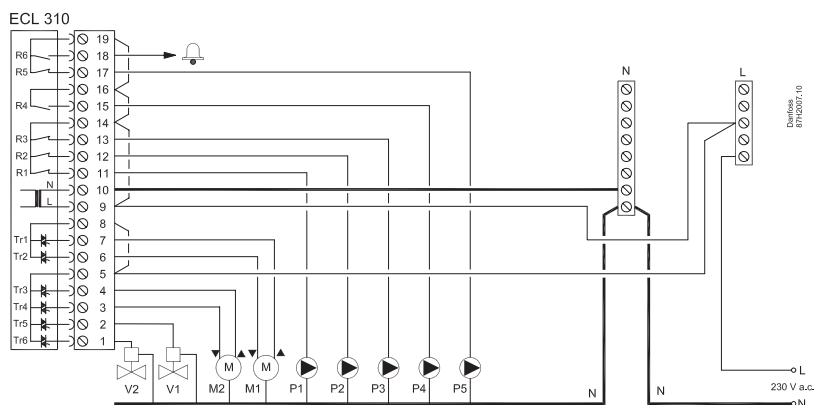
230 V a.c., P370.11 (ECA 32)

P7



230 V a.c., P370.12




P1, P2, P3, P4, P5



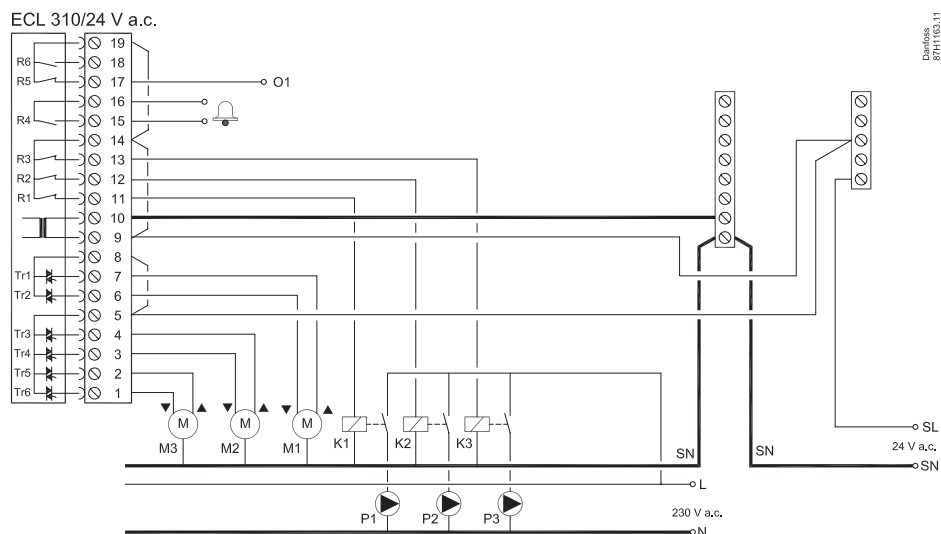
Installation Guide, ECL Comfort 310, P370

ECL Comfort 310:

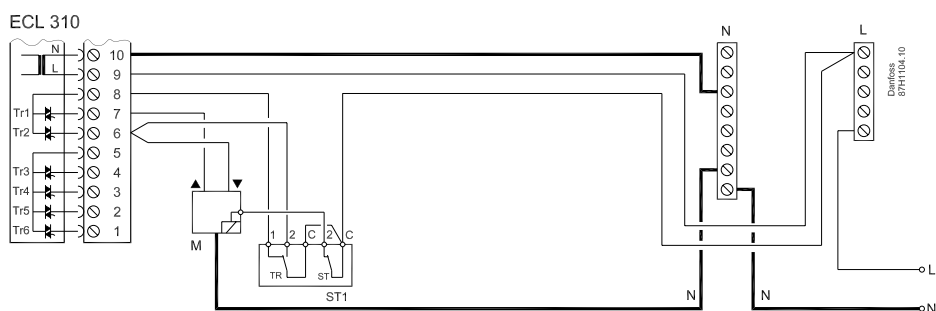
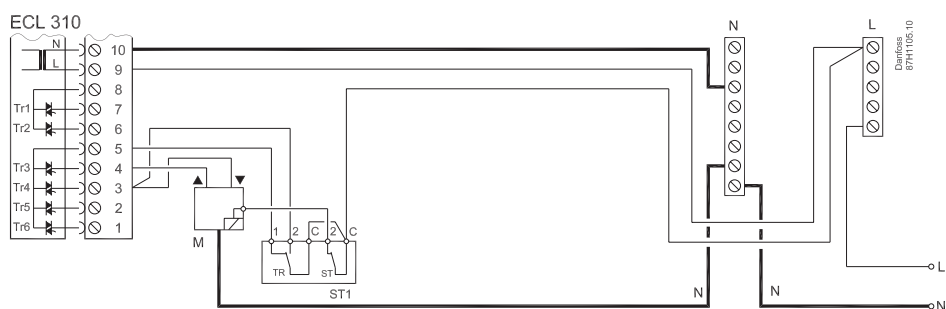
24 V a.c.

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

24 V a.c., P370.1

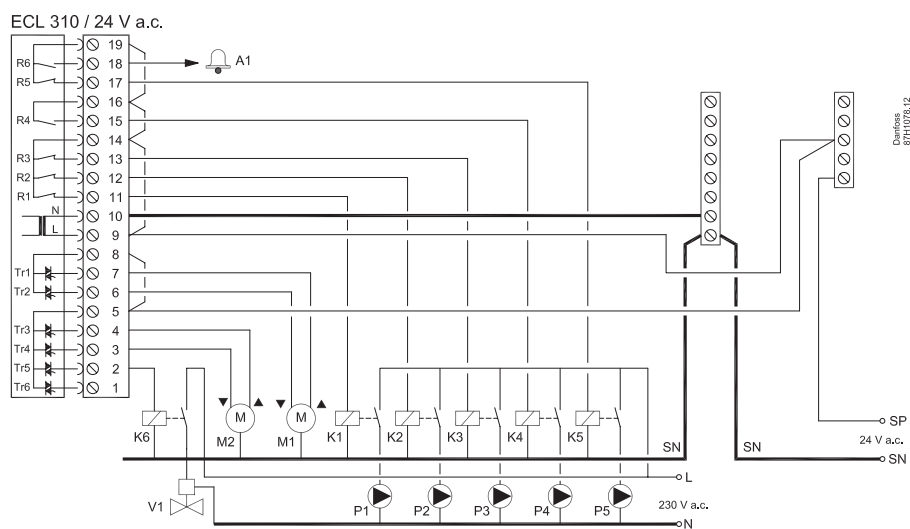


24 V a.c. / 230 V a.c. safety thermostat



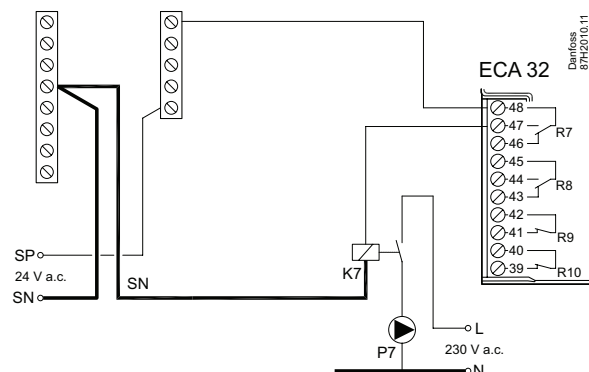
24 V a.c., P370.11 (ECL 310)

P1, P2, P3, P4, P5



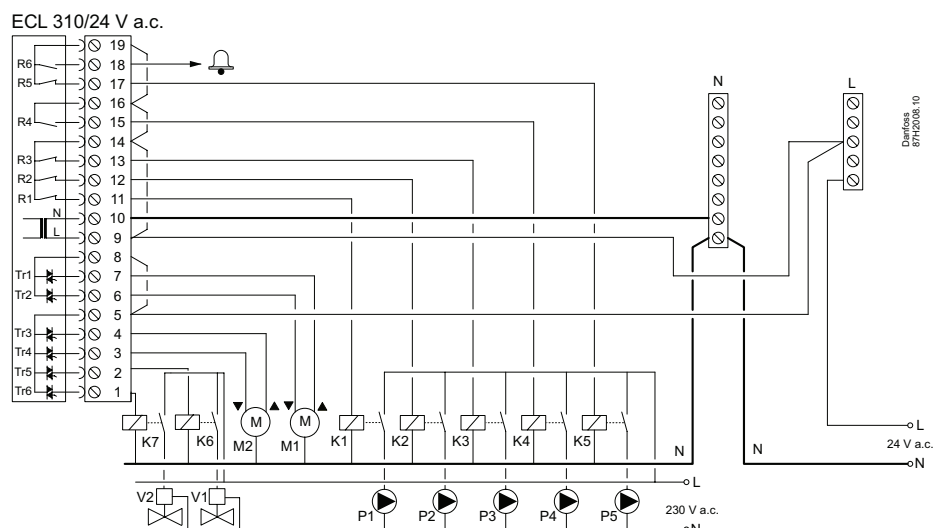
24 V a.c., P370.11 (ECA32)

P7



24 V a.c., P370.12 (ECL 310)

P1, P2, P3, P4, P5



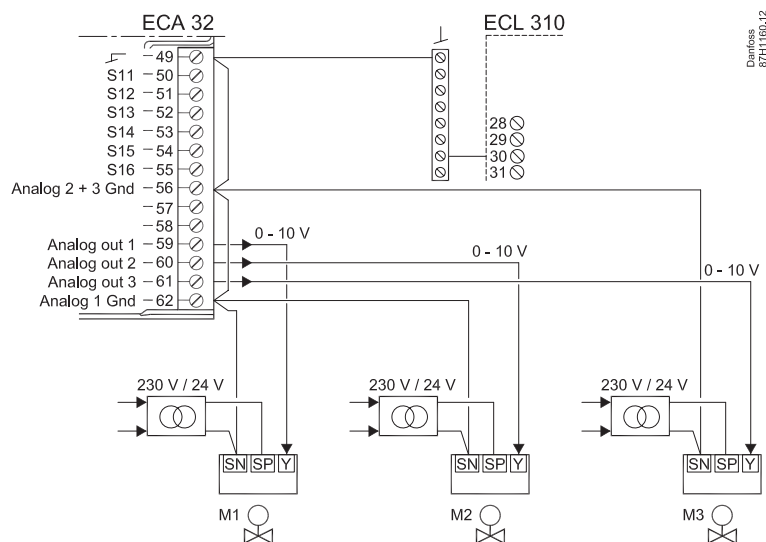
Installation Guide, ECL Comfort 310, P370

Input

P370 (ECL 310)	(ECA 32)																	
Pt1000	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18
P370.1	✓	✓	✓	✓	✓	✓	0-10V	0/1	✓	✓	0-10V	0-10V		0-10V	0/1	0/1		
P370.11	✓	✓	✓	✓	✓	✓	0/1	0/1	0/1	0-10V	0-10V	0/1	0-10V	0-10V	0-10V	0-10V		
P370.12	✓	✓	✓	✓	✓	✓	0/1	0/1	0-10V	0-10V		0/1			0-10V	0-10V		

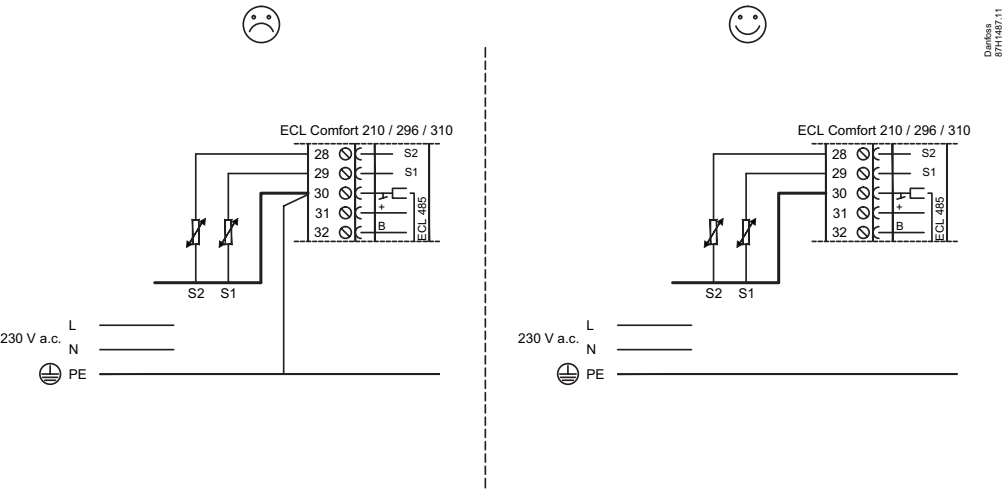
Output

P370 (ECA32)	0 - 10V		
	M1	M2	M3
P370.1	✓	✓	✓
P370.11	✓	✓	
P370.12	✓	✓	

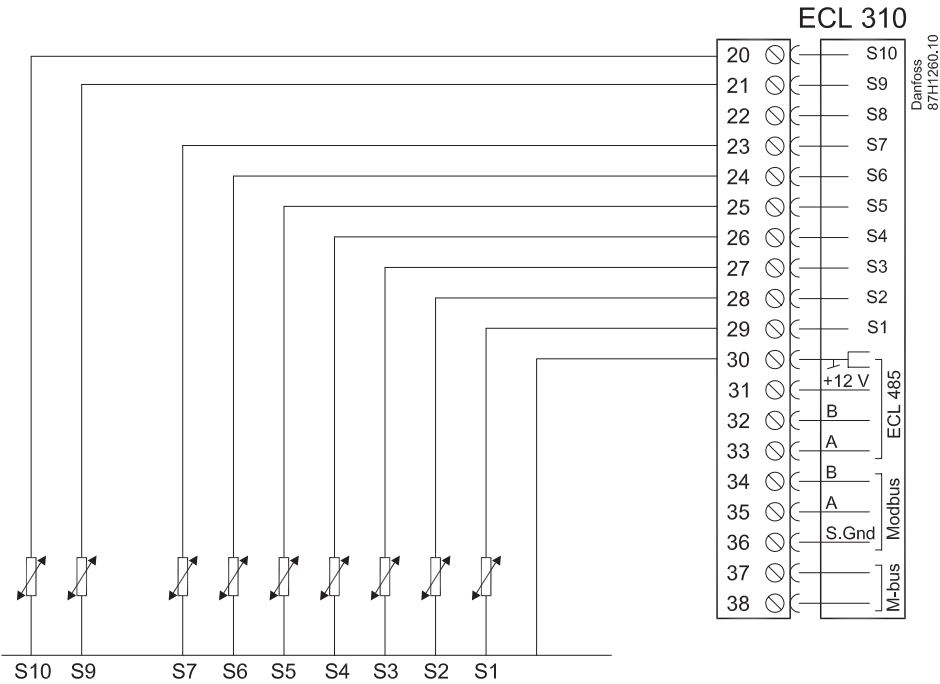


ECL 310

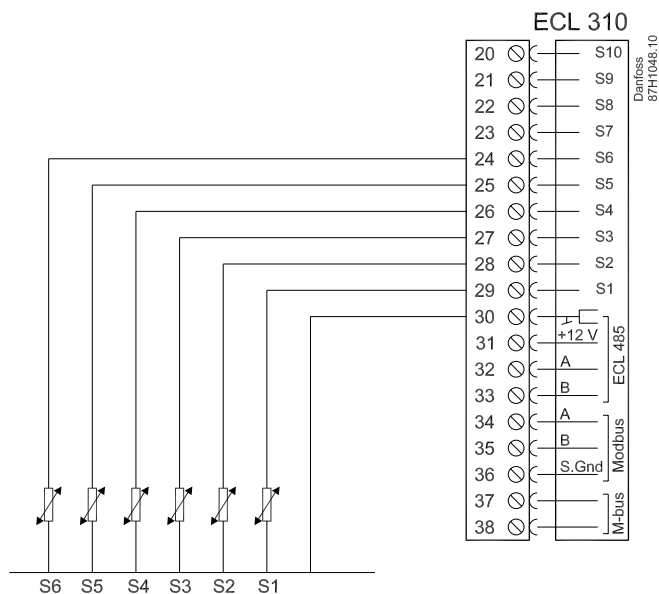
⚡ Pt 1000 (1000 Ω / 0 °C)



P370.1



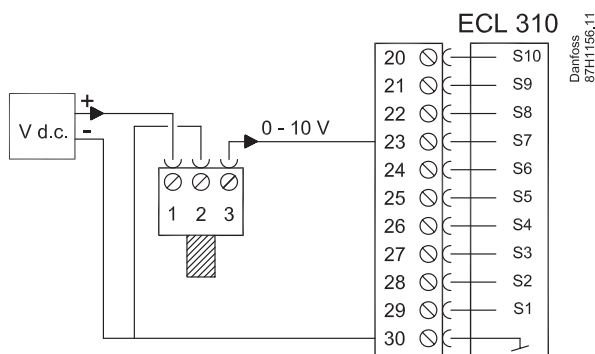
P370.11, P370.12



P370.1 (ECL 310)



S7

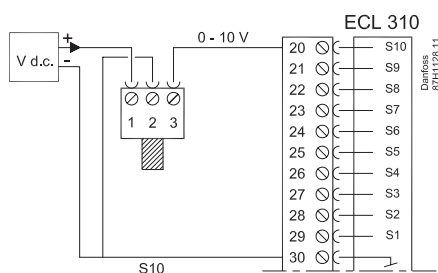


V d.c. = 12 - 24 V d.c.

P370.11 (ECL 310)

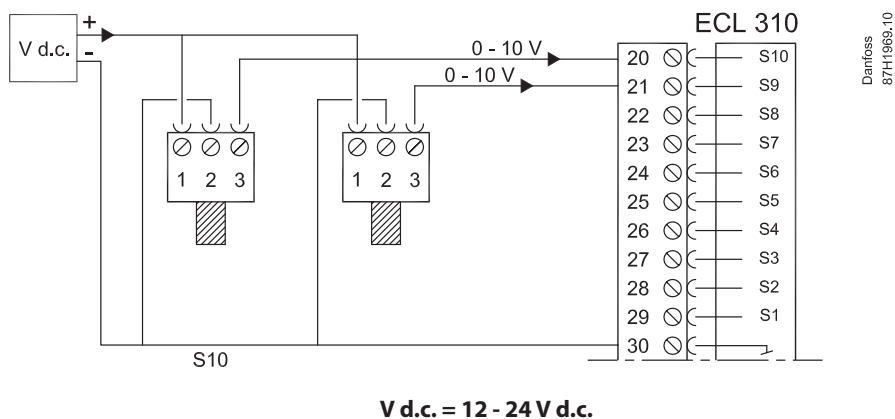


S10

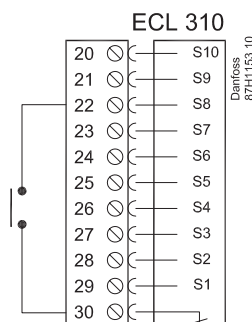


V d.c. = 12 - 24 V d.c.

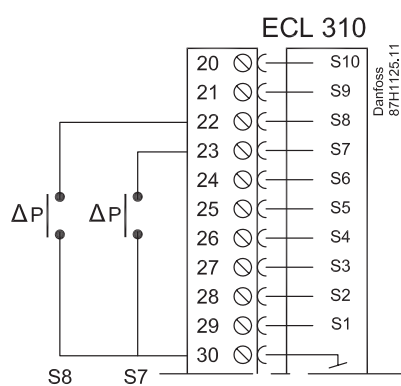
S10



S8


$$\Delta P \left| \begin{array}{c} \bullet \\ \bullet \end{array} \right.$$

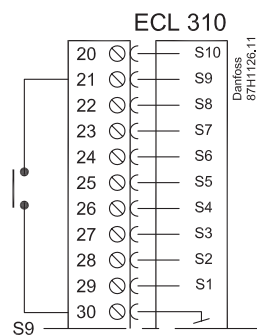
S7, S8



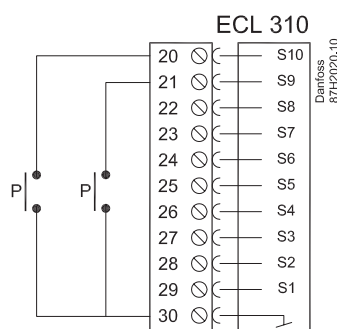
P370.11 (ECL 310)



S9



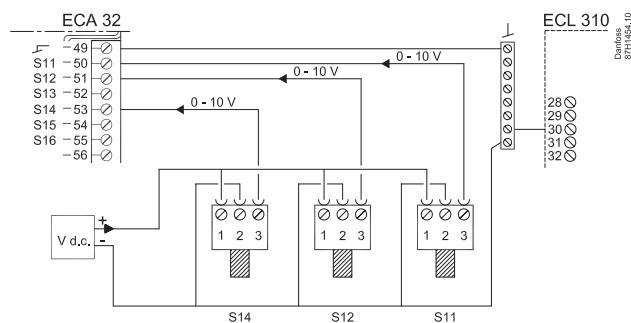
P370.12 (ECL 310)



P370.1 (ECA 32)



S11, S12, S14



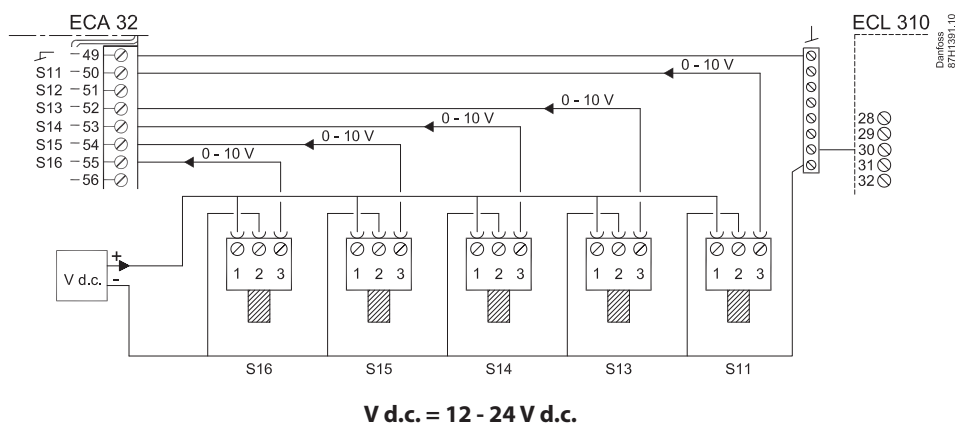
V d.c. = 12 - 24 V d.c.

Installation Guide, ECL Comfort 310, P370

P370.11 (ECA 32)



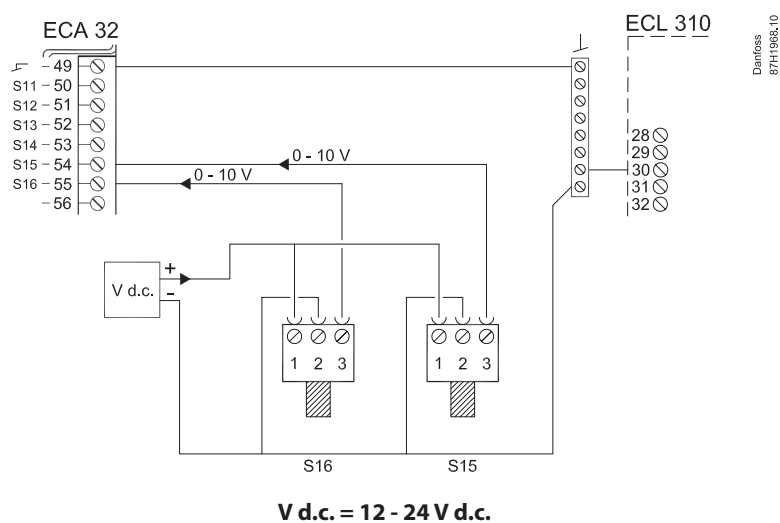
S11, S13, S14, S15, S16



P370.12 (ECA 32)



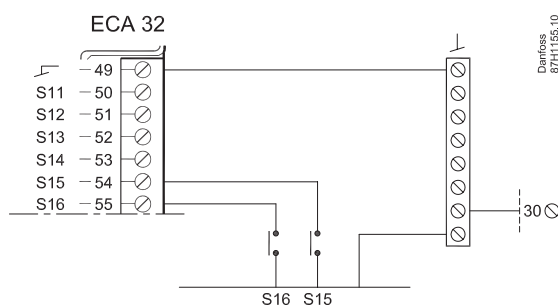
S15, S16



P370.1 (ECA 32)



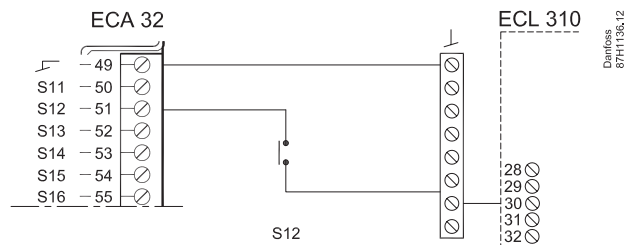
S15, S16



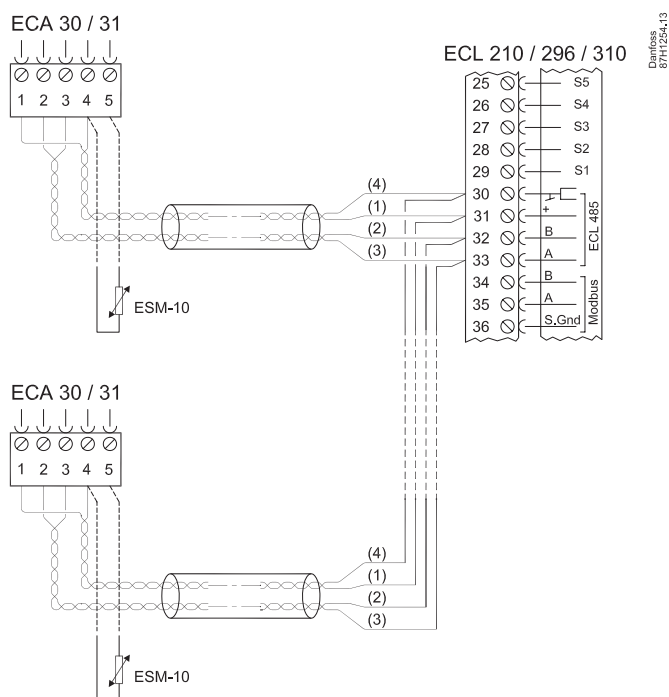
P370.11, P370.12 (ECA 32)



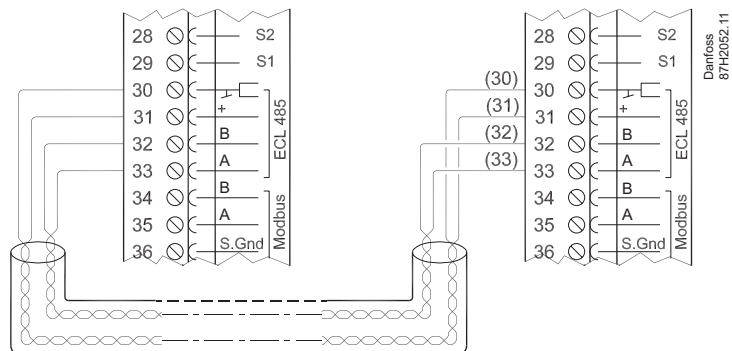
S12



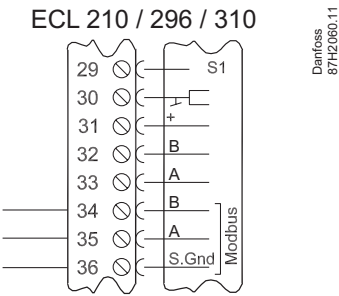
ECA 30 / 31



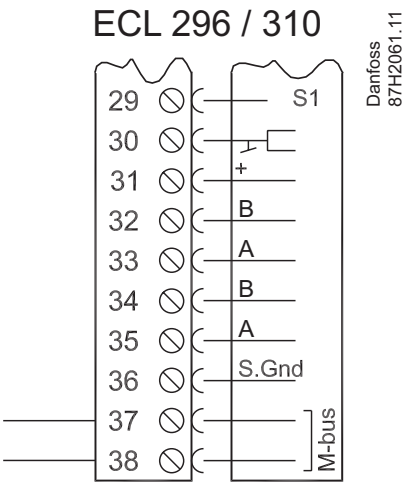
Master / slave



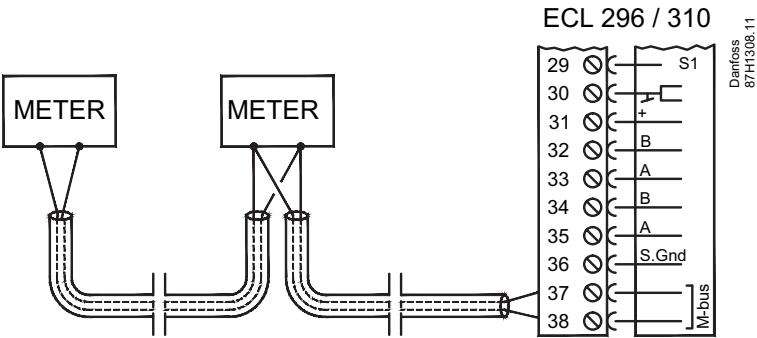
Modbus



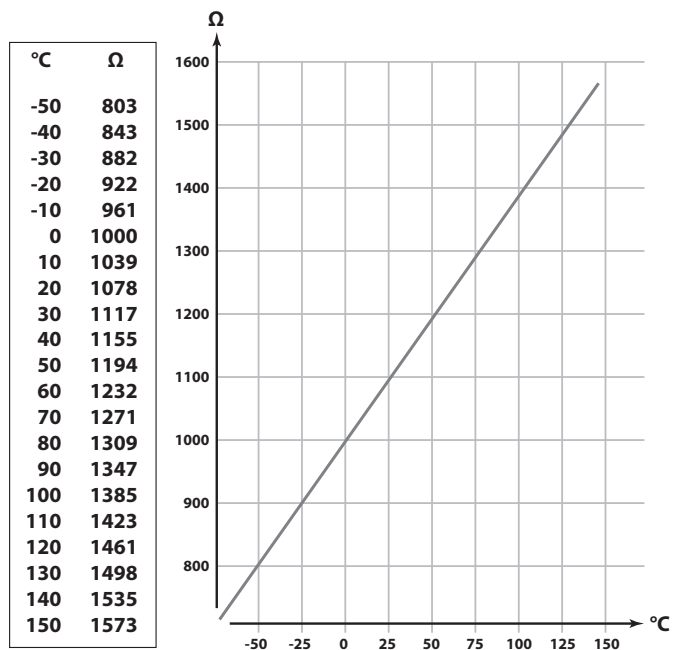
M-bus



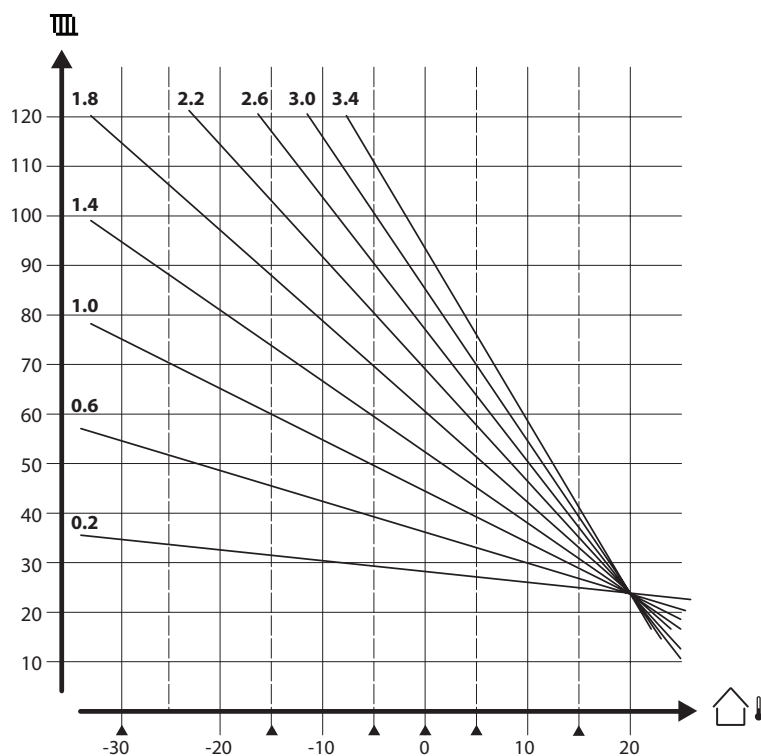
M-bus



Pt 1000 (IEC 751B, 1000 Ω / 0 °C)

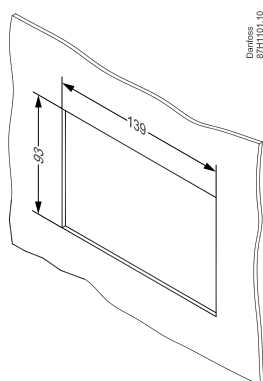


Heat curves

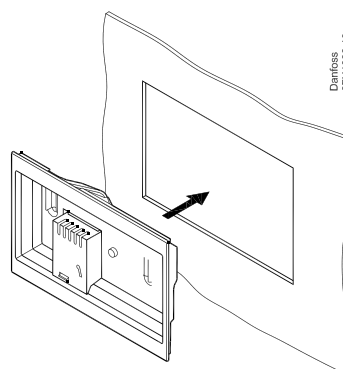


ECA 30

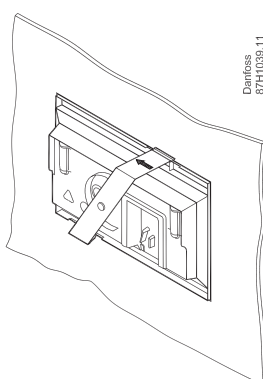
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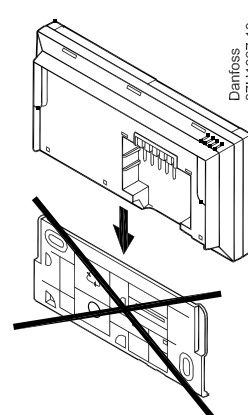
2



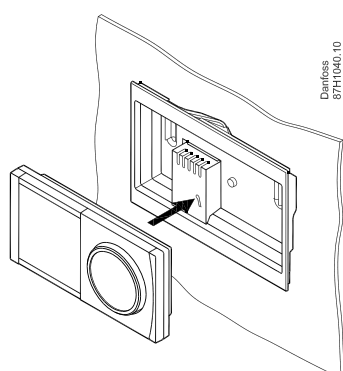
3



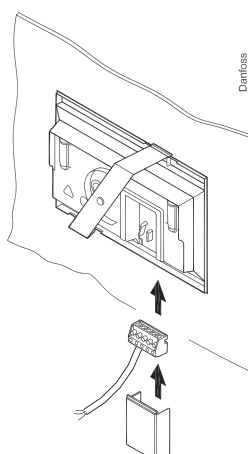
4



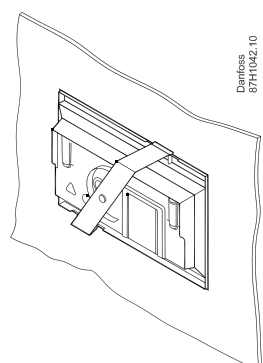
5



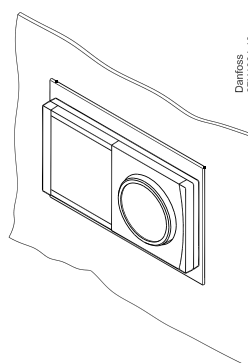
6



7

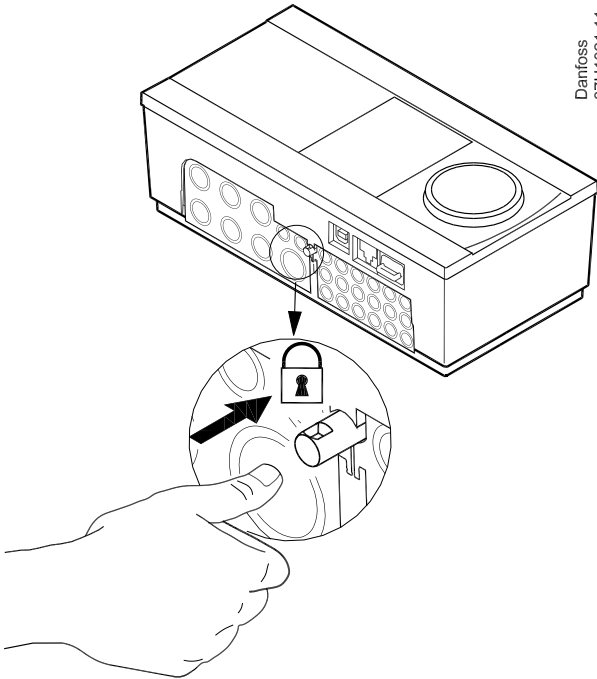


8

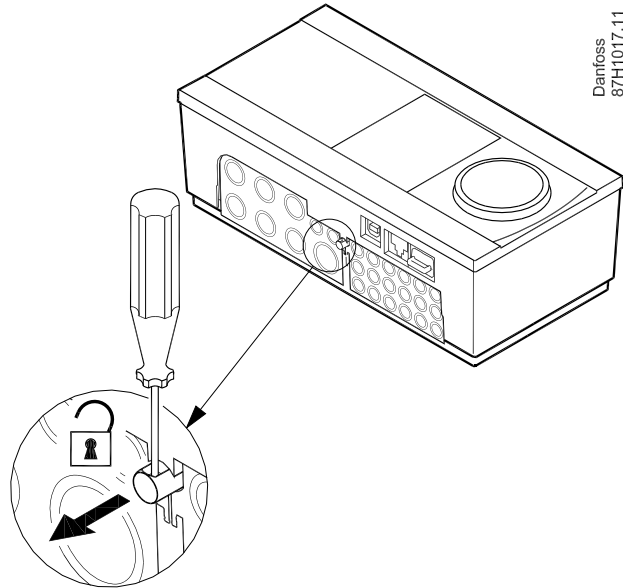


Installation Guide, ECL Comfort 310, P370

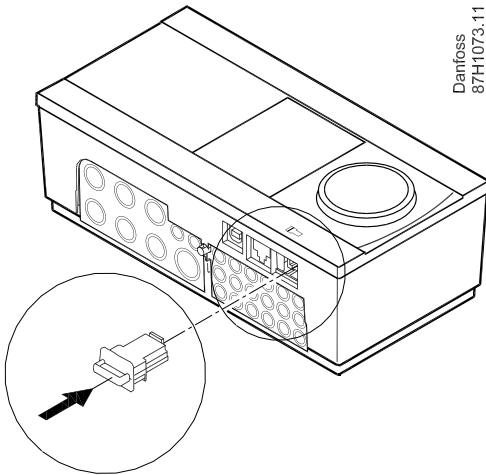
Danfoss
87H1021.11



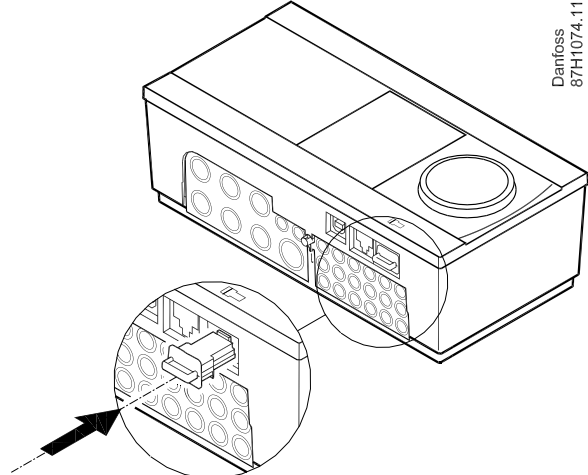
Danfoss
87H1017.11



Danfoss
87H1073.11



Danfoss
87H1074.11



?  **ECL Comfort 310, P370: www.danfoss.com or store.danfoss.com**

?  **<https://www.youtube.com/user/Danfoss> Climate Solutions for heating
-> Playlists -> How-to Videos -> District Energy installation videos**



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