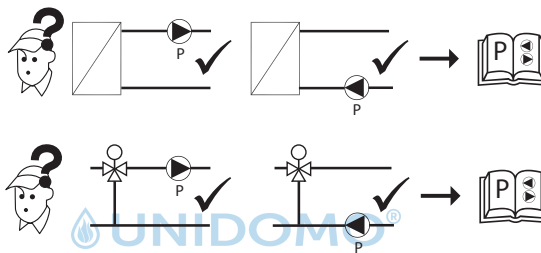
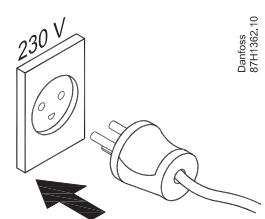
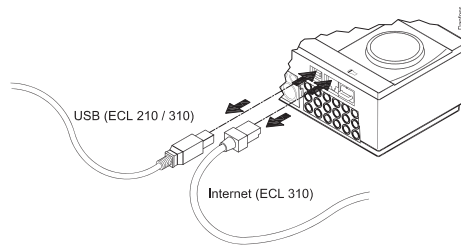
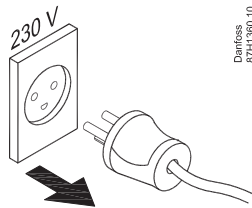
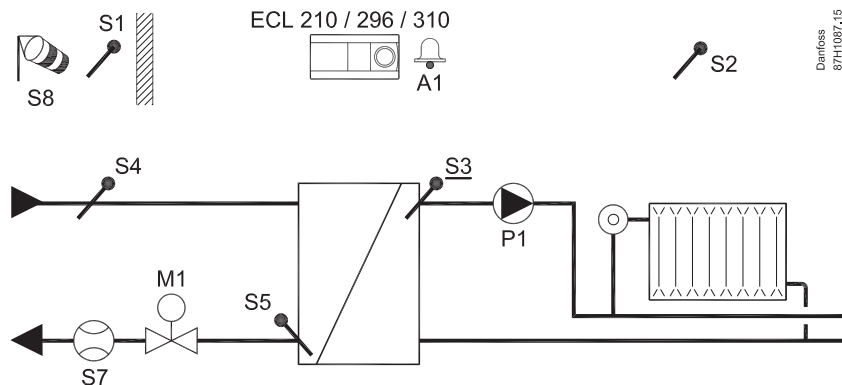


Installation Guide

ECL Comfort 210 / 296 / 310, A230 (code no. 087H3802) (A230.1, A230.2, A230.3, A230.4, A230.5)



A230.1 ex. a



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



Web: www.unidomo.de

Telefon: 04621- 30 60 89 0

Mail: info@unidomo.com

Öffnungszeiten: Mo.-Fr. 8:00-17:00 Uhr

VIESSMANN



 **Vaillant**

WOLF

 **JUNKERS**  **BOSCH**

 **remeha**

 **DAIKIN**

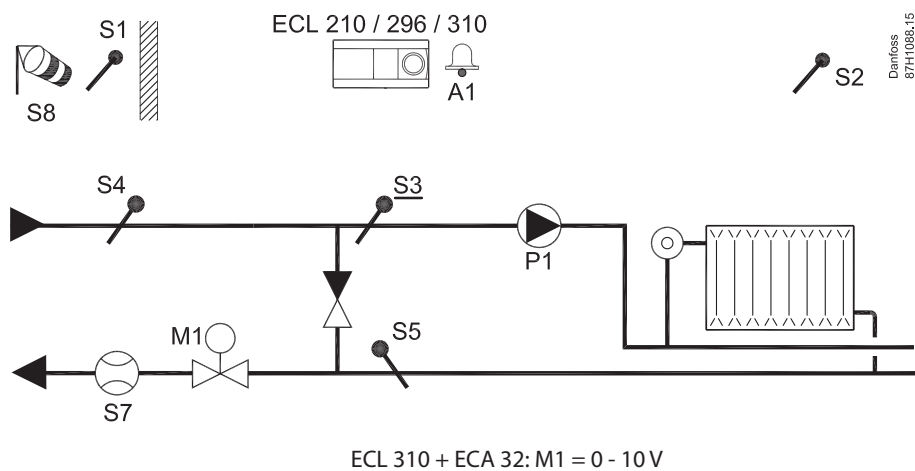
ROTEX
a member of DAIKIN group



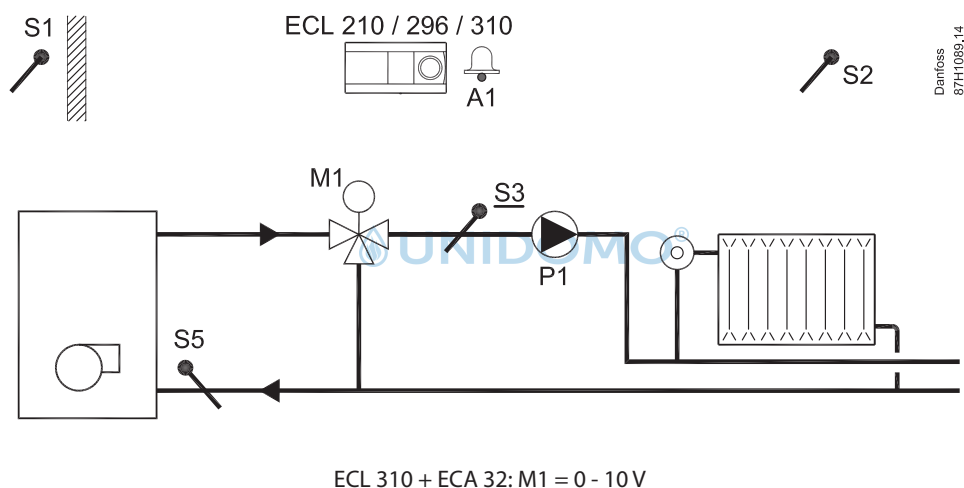
-  Individuelle Beratung
-  Kostenloser Versand
-  Hochwertige Produkte

-  Komplettpakete
-  Über 15 Jahre Erfahrung
-  Markenhersteller

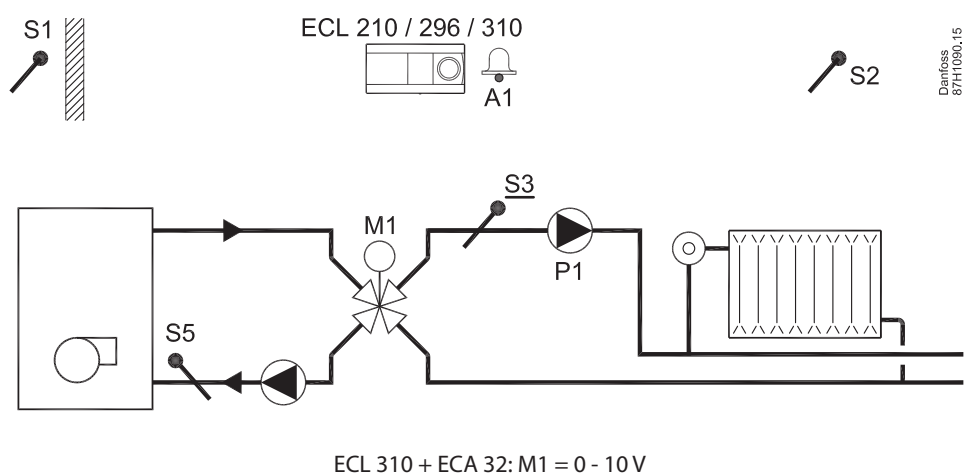
A230.1 ex. b:



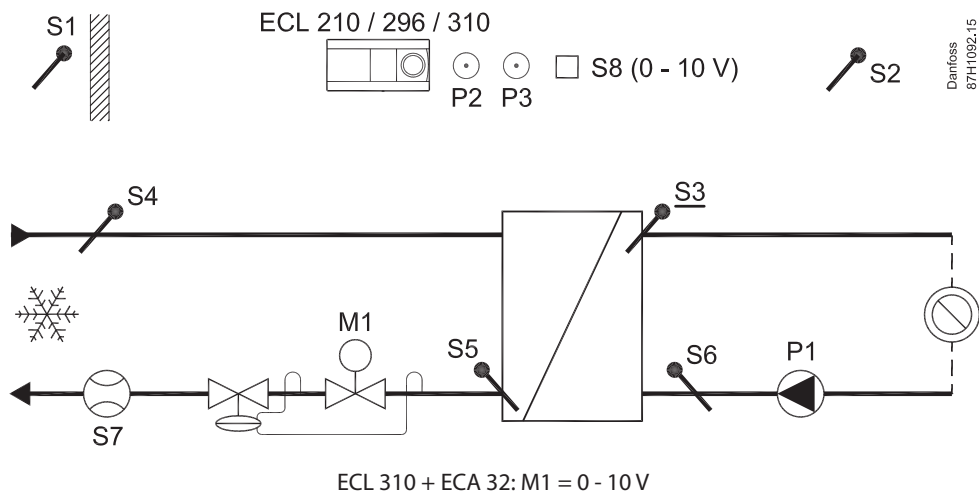
A230.1 ex. c:



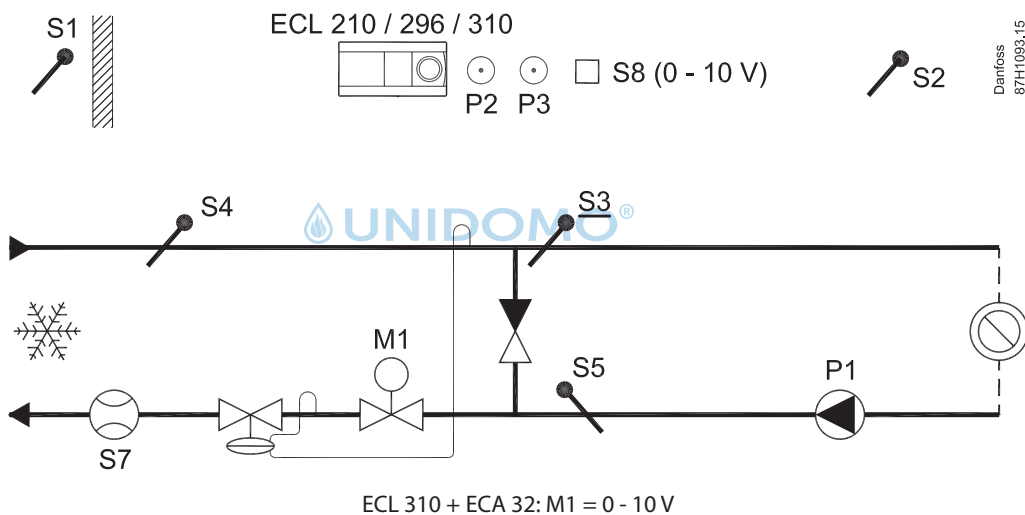
A230.1 ex. d:



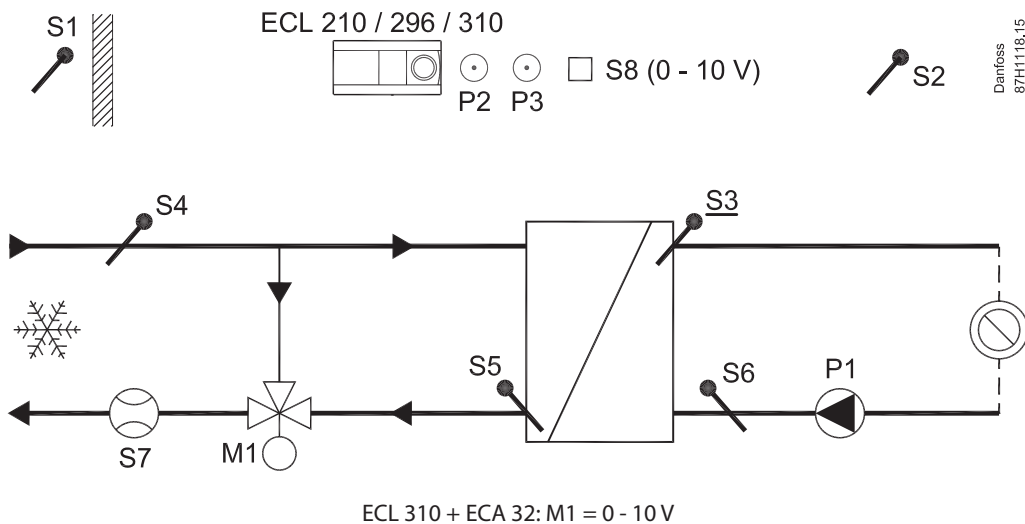
A230.2 ex. a:



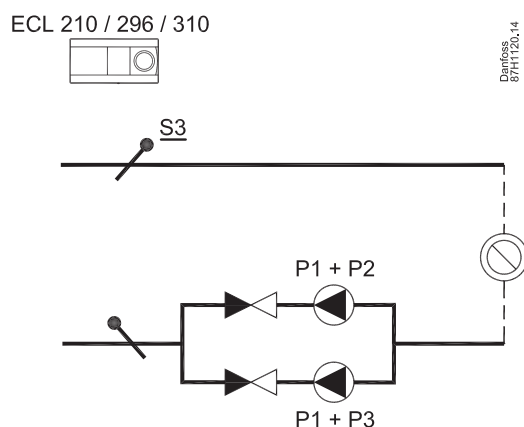
A230.2 ex. b:



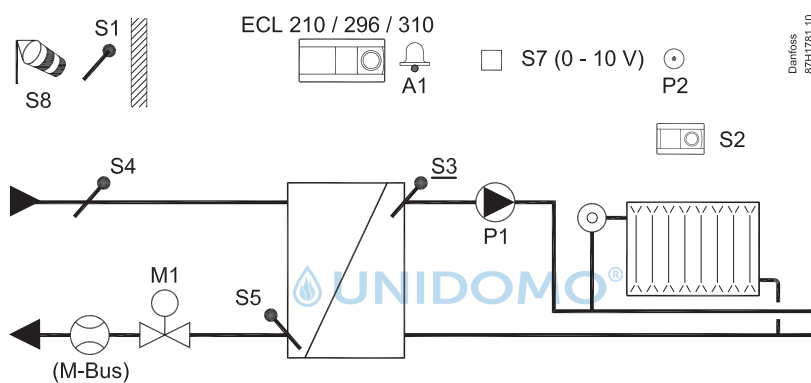
A230.2 ex. c:



A230.2 ex. d:

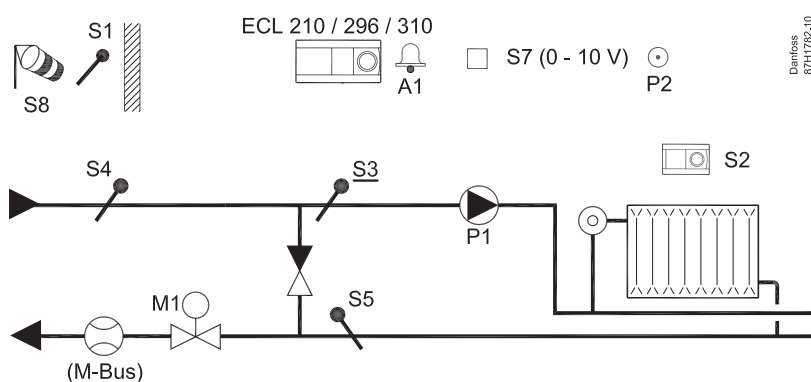


A230.3, ex. a



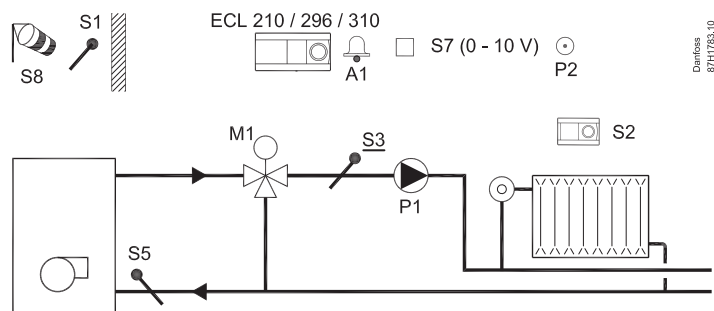
ECL 310 + ECA 32: M1 = 0 - 10 V

A230.3, ex. b



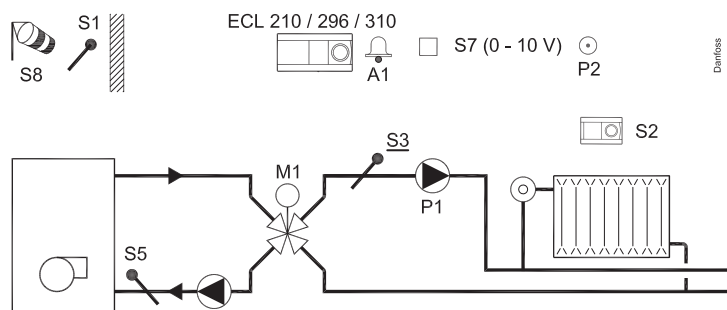
ECL 310 + ECA 32: M1 = 0 - 10 V

A230.3, ex. c



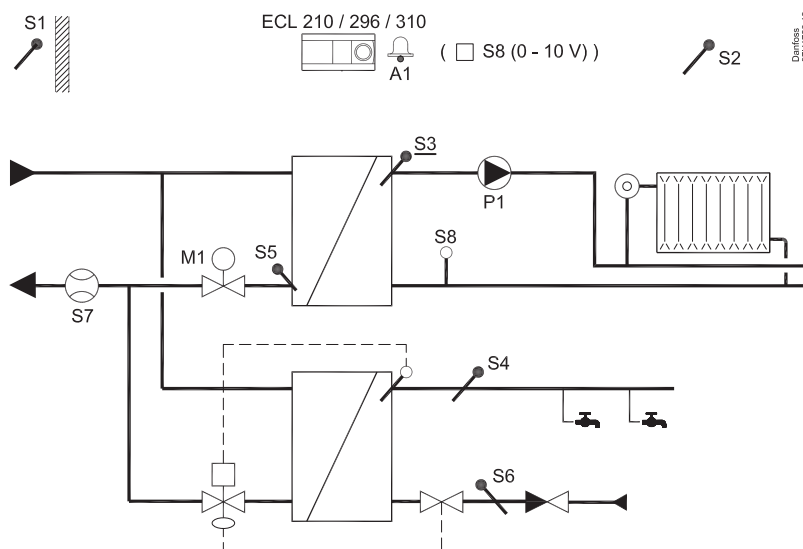
ECL 310 + ECA 32: M1 = 0 - 10 V

A230.3, ex. d



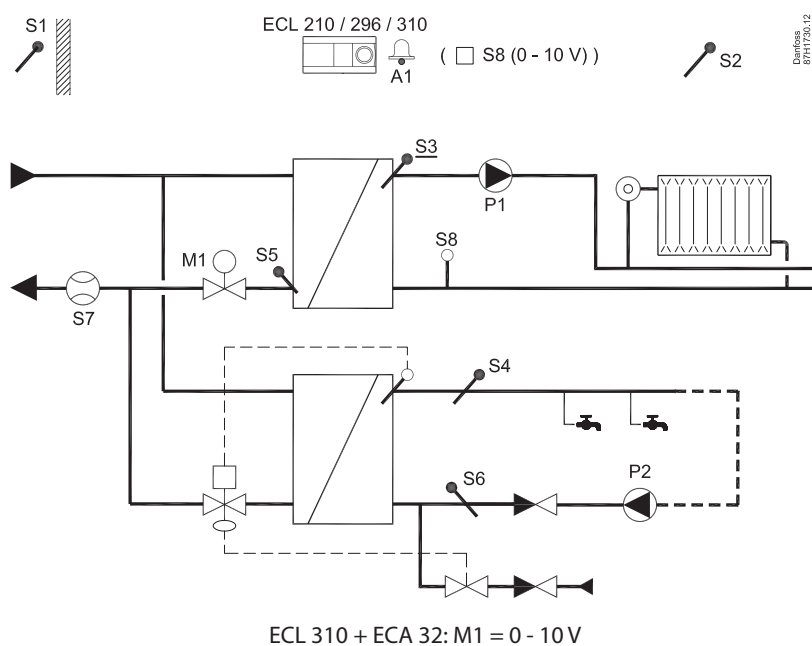
ECL 310 + ECA 32: M1 = 0 - 10 V

A230.4, ex. a

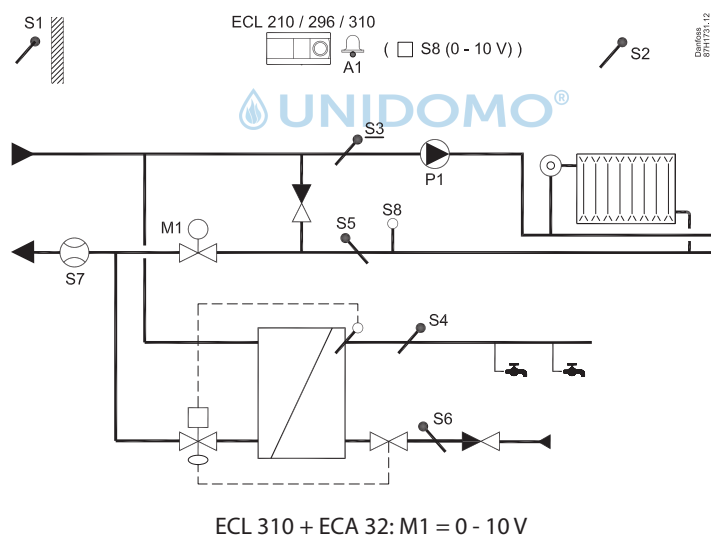


ECL 310 + ECA 32: M1 = 0 - 10 V

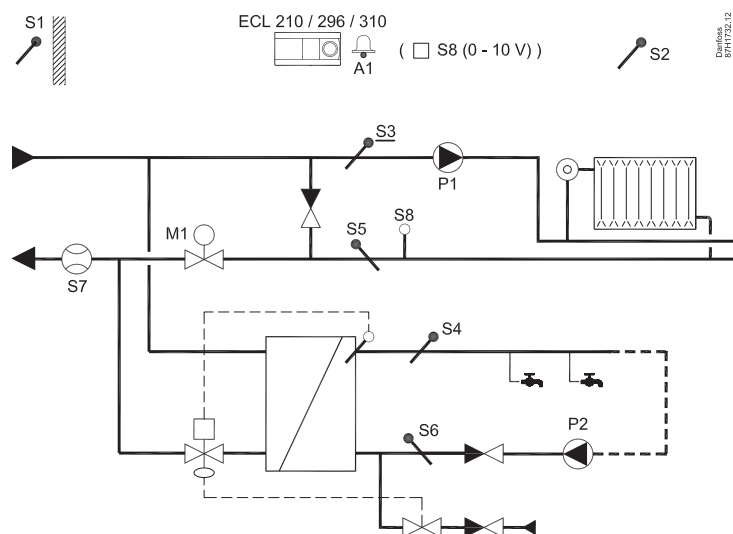
A230.4, ex. b



A230.4, ex. c

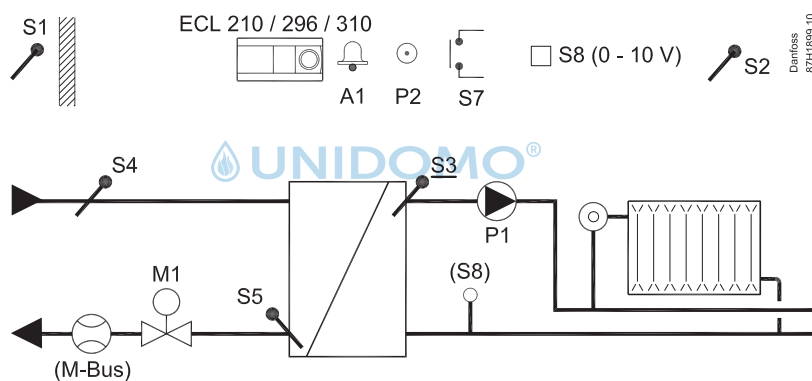


A230.4, ex. d



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

A230.5, ex. a

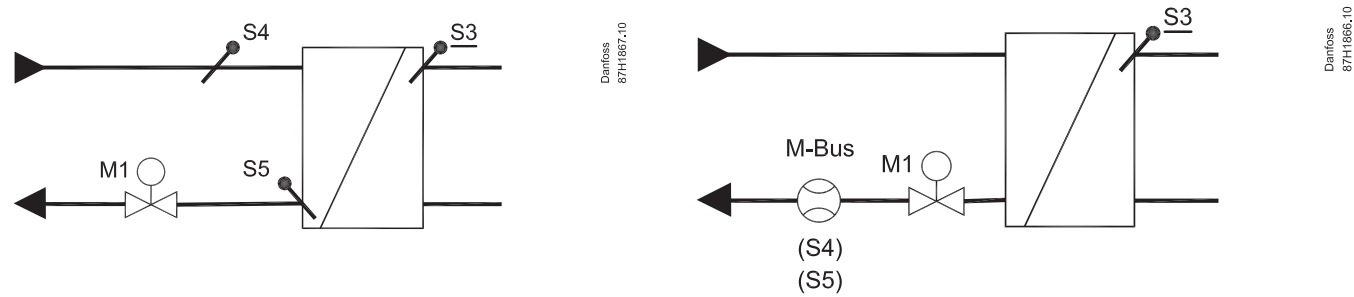


ECL 310 + ECA 32: M1 = 0 - 10 V

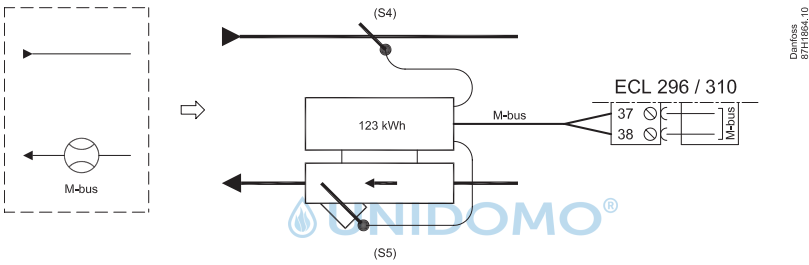
A230.1, A230.3
S4, S5



A:



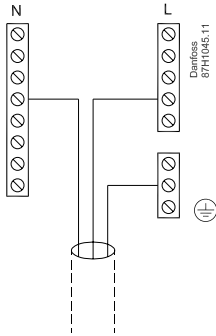
B:



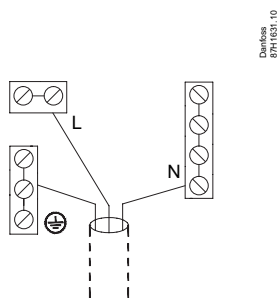
ECL Comfort 210 / 296 / 310:
230 V a.c.

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

ECL 210 / 310:

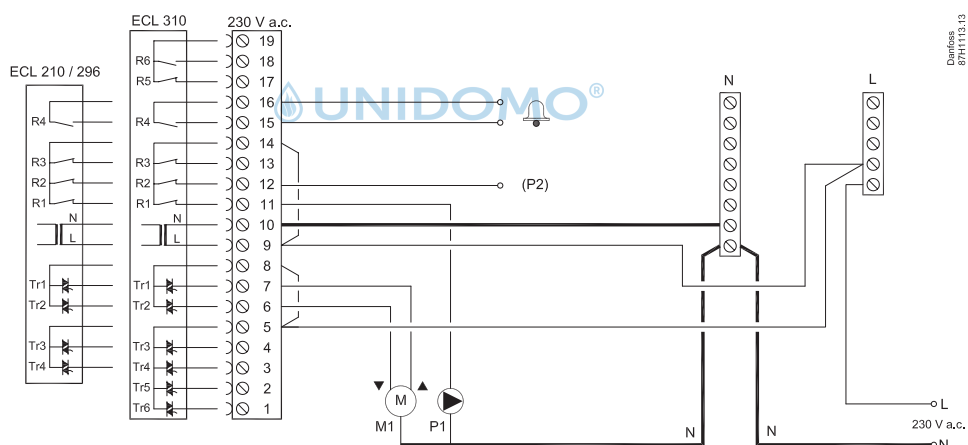


ECL 296:



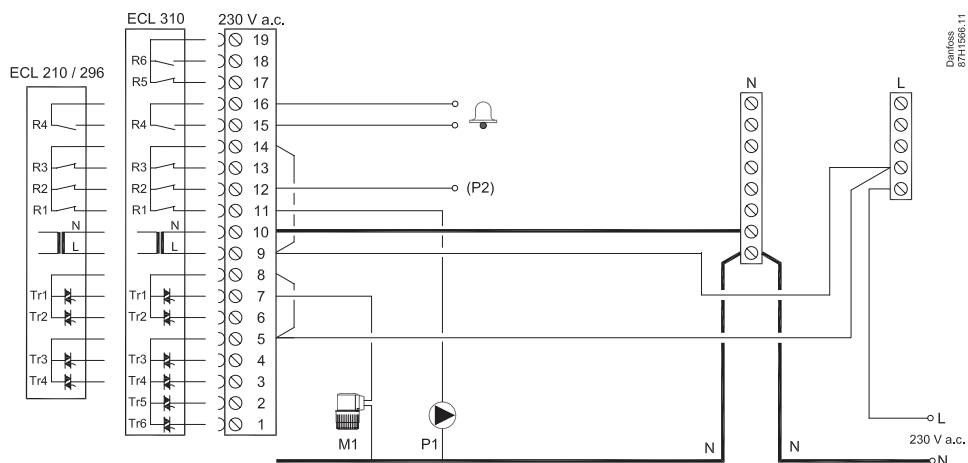
	R1	R2	R3	R4
A230.1	P1	(P2)		A1 (🔔)
A230.2	P1	(P2)	(P3)	
A230.3	P1	(P2)		A1 (🔔)
A230.4	P1	(P2)		A1 (🔔)
A230.5	P1	(P2)		A1 (🔔)

230 V a.c.



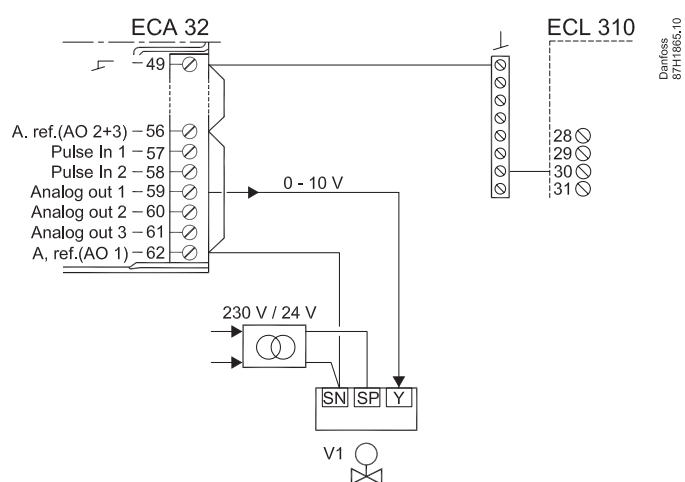
230 V a.c.

(Danfoss thermo-actuator ABV)

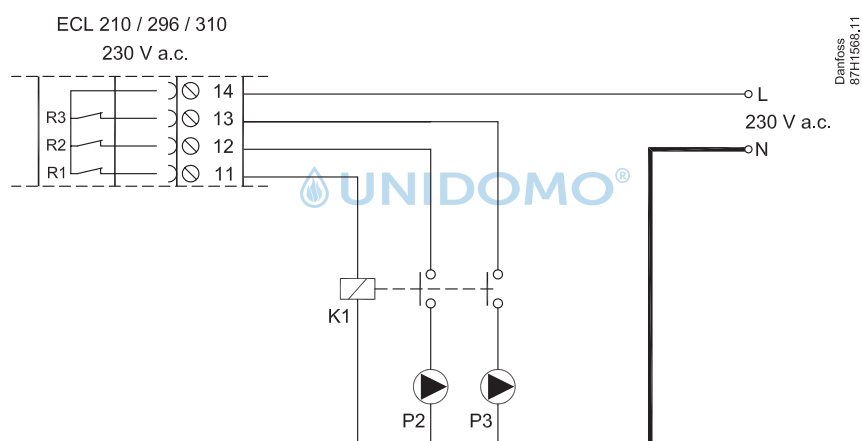


ECL 310 + ECA 32

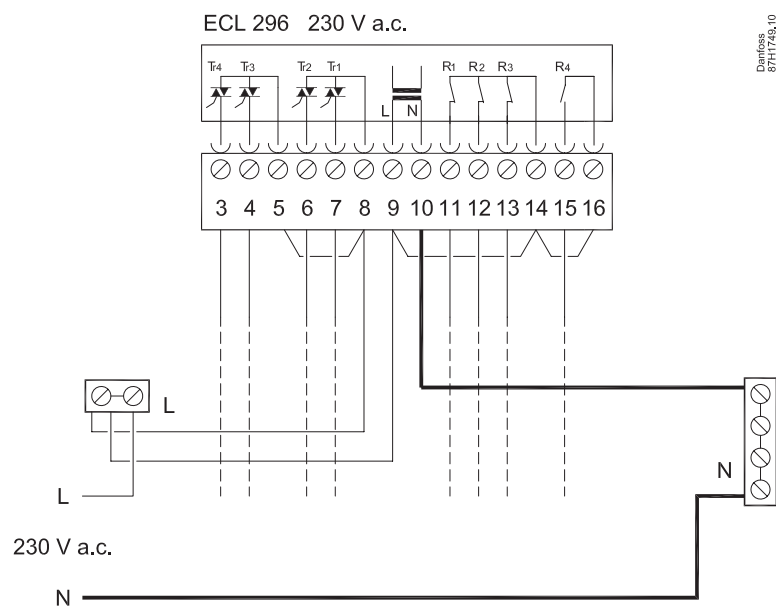
M1 = V1 (0 - 10 V)



A230.2, P2 + P3



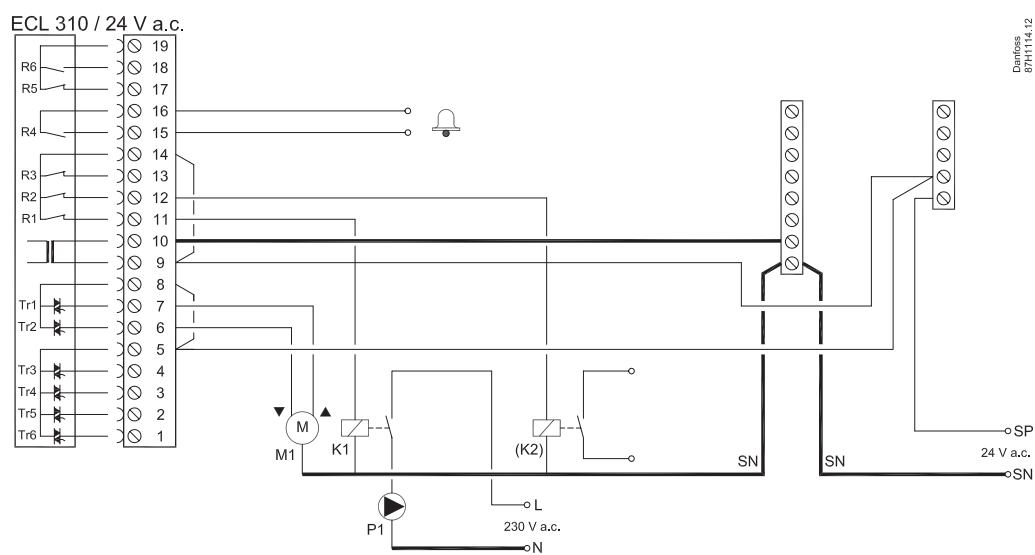
ECL Comfort 296:
230 V a.c.



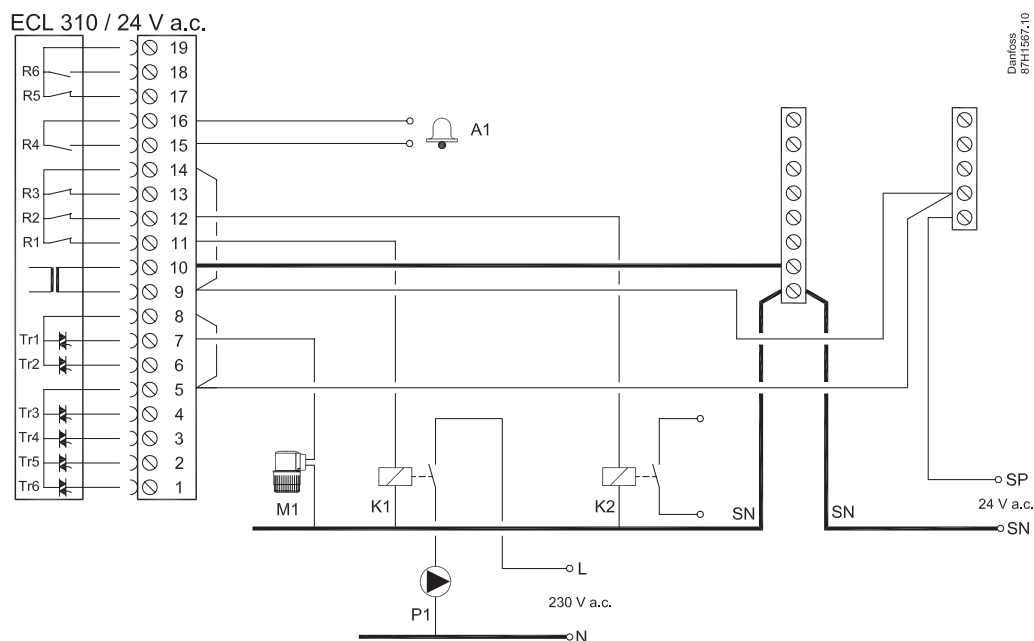
ECL Comfort 310:
24 V a.c.

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

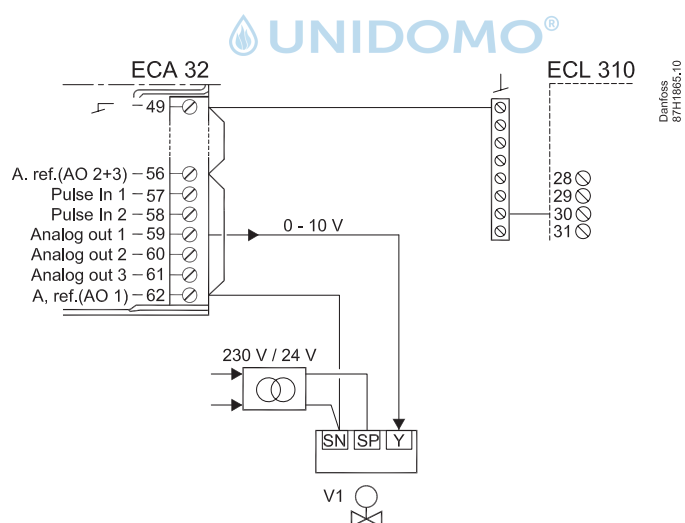
24 V a.c.



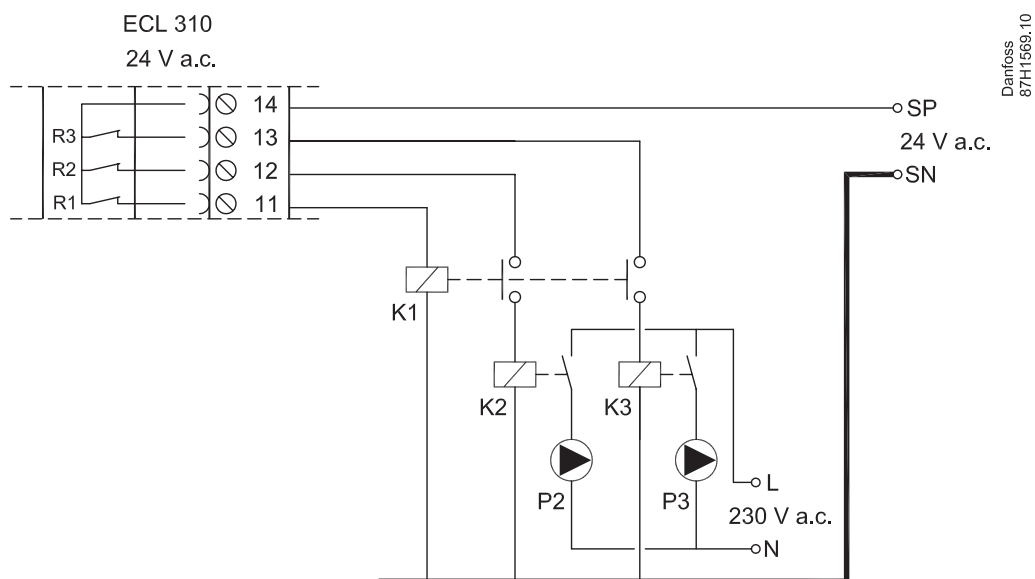
24 V a.c.
(Danfoss thermo-actuator ABV)



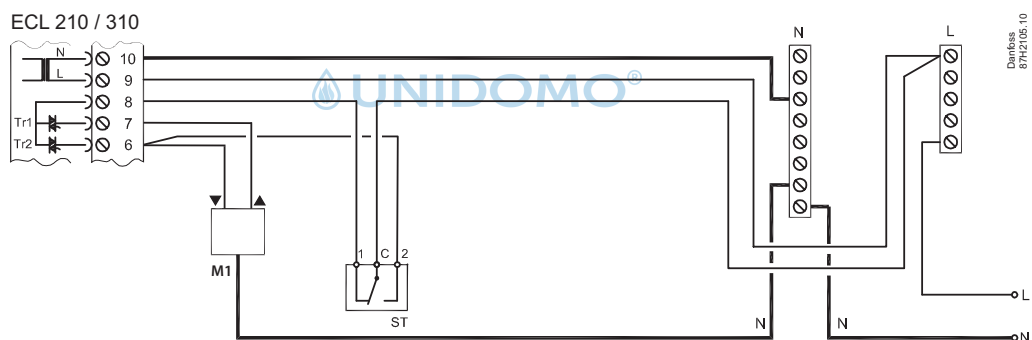
ECL 310 + ECA 32
M1 = V1 (0 - 10 V)



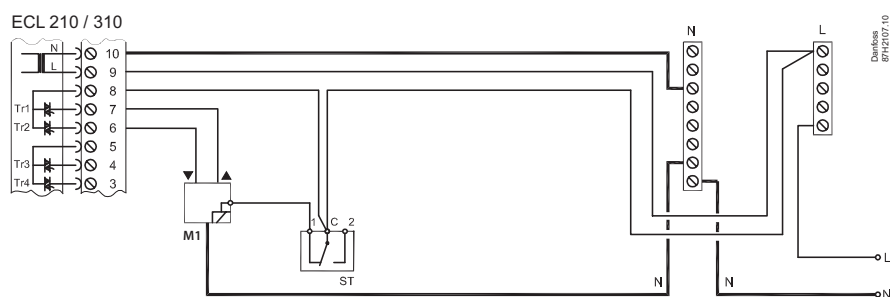
A230.2, P2 + P3



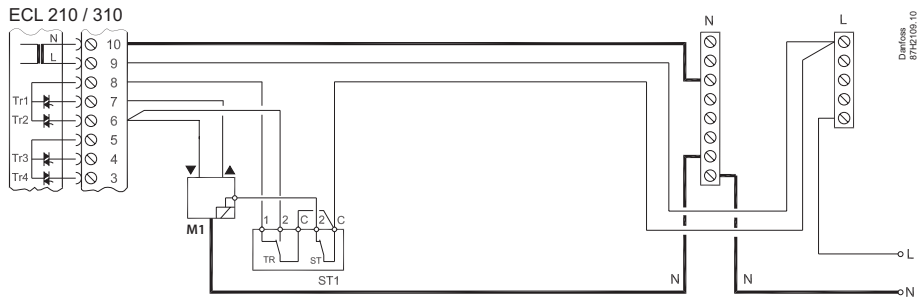
**230 V a.c. / 24 V a.c. , safety thermostat
1-step closing**



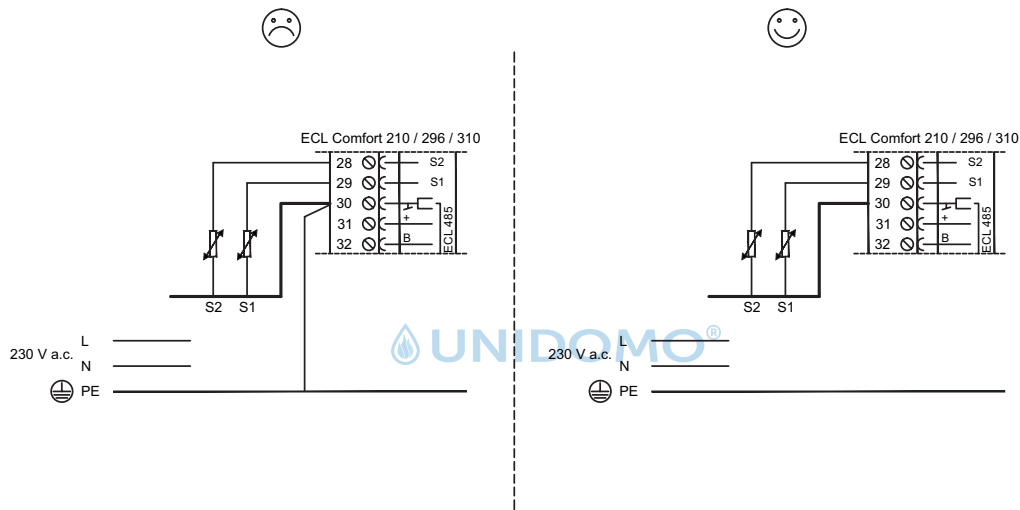
**230 V a.c. / 24 V a.c. , safety thermostat
1-step closing**



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



Pt 1000 (1000 Ω / 0 °C)



Pt 1000 (1000 Ω / 0 °C)
ECL 210 / 296 / 310

	S1	S2	S3	S4	S5	S6	S7	S8
A230.1	x	x	x	x	x			
A230.2	x	x	x	x	x	x		
A230.3	x	(x)	x	x	x			
A230.4	x	x	x	x	x	x		
A230.5	x	x	x	x	x			

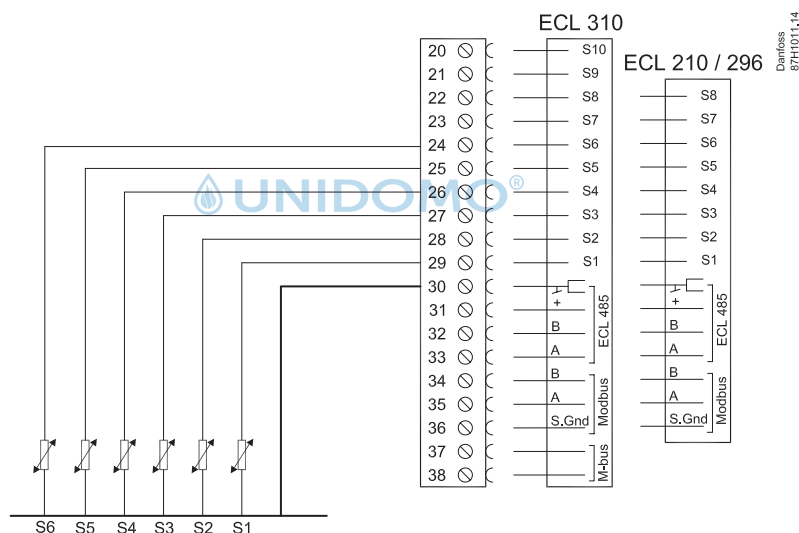
Pulse

	S7
A230.1	x
A230.2	x
A230.3	
A230.4	x
A230.5	

0 - 10 V

	S7	S8
A230.1		0 - 10 V ⇒ 
A230.2		0 - 10 V ⇒  S3 (x °C!)
A230.3	0 - 10 V ⇒ % RH	0 - 10 V ⇒ 
A230.4		 / 0 - 10 V ⇒  S3 (x °C!)
A230.5		 / 0 - 10 V ⇒  S3 (x °C!)

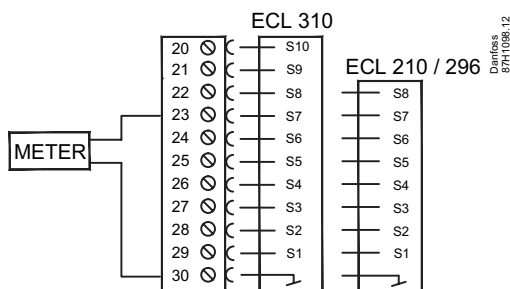
A230



A230.1, A230.2, A230.4



S7



A230.1, A230.2, A230.4

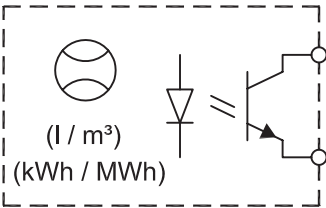


S7



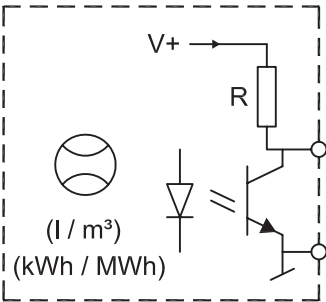
A / B ?

A:



Danfoss
87H1457.10

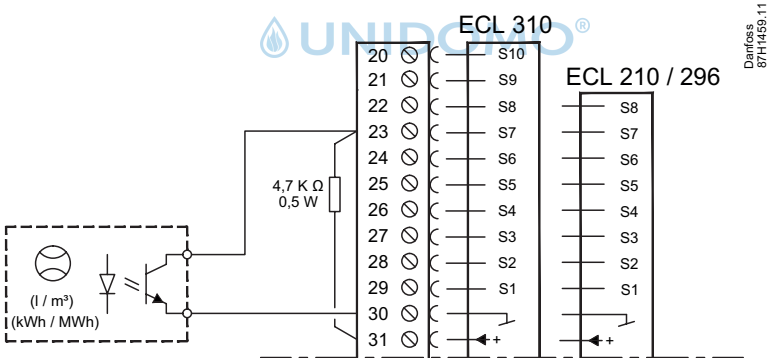
B:



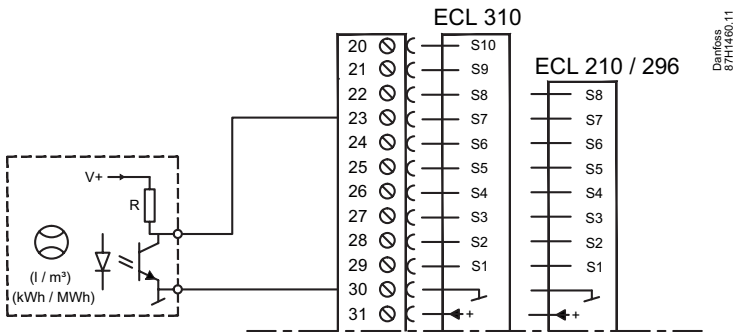
Danfoss
87H1458.10



A:

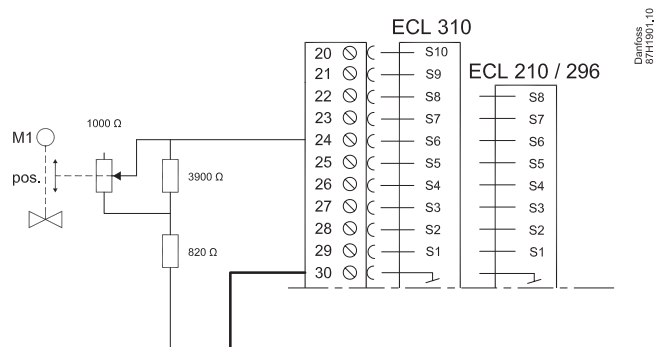


B:



A230.5

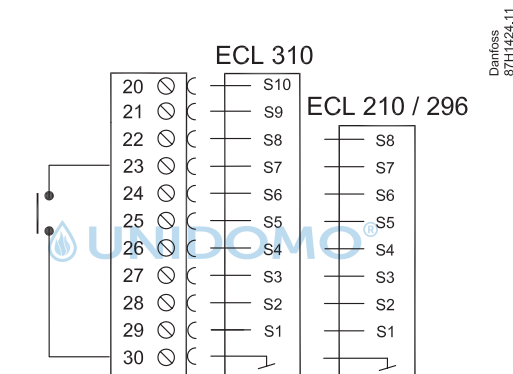
S6



Danfoss
87H1801.10

A230.5

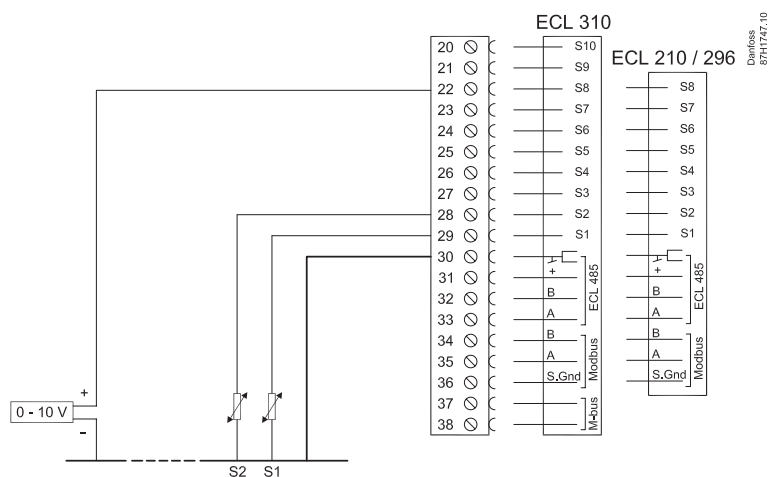
S7



Danfoss
87H1424.11

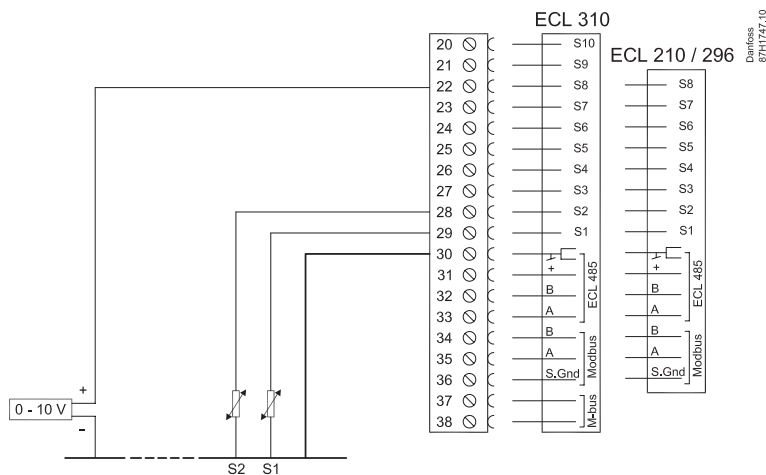
A230.1, A230.3

S8



Danfoss
87H1747.10

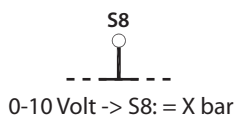
A230.2
0 – 10 V



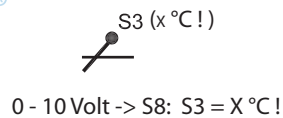
A230.4, A230.5



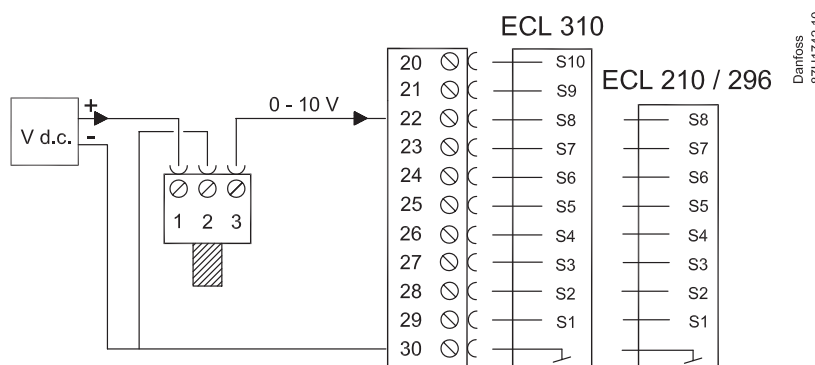
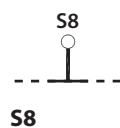
A:

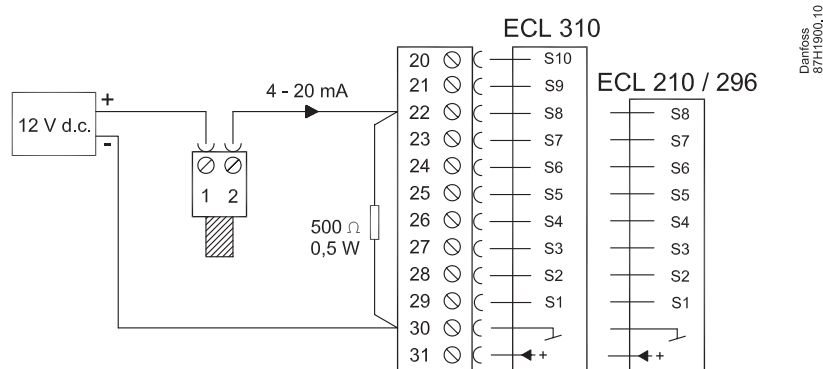


B:

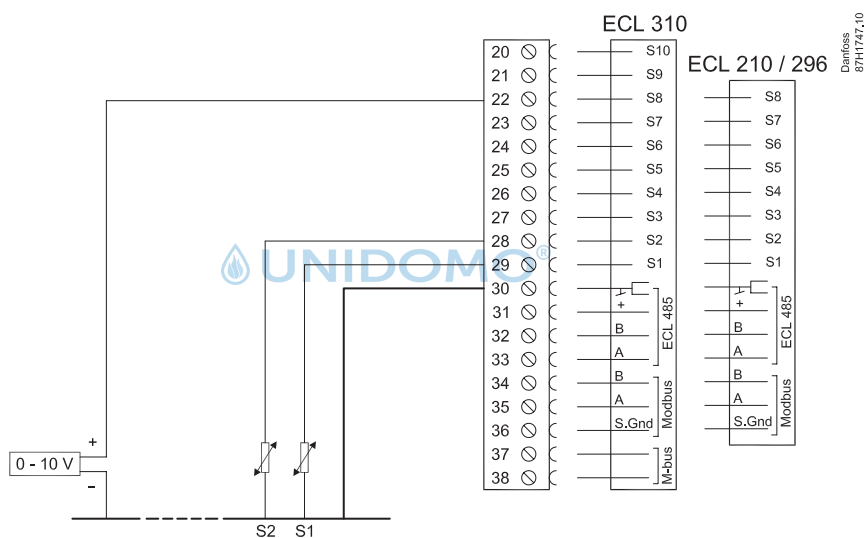


A:
A230.4, A230.5

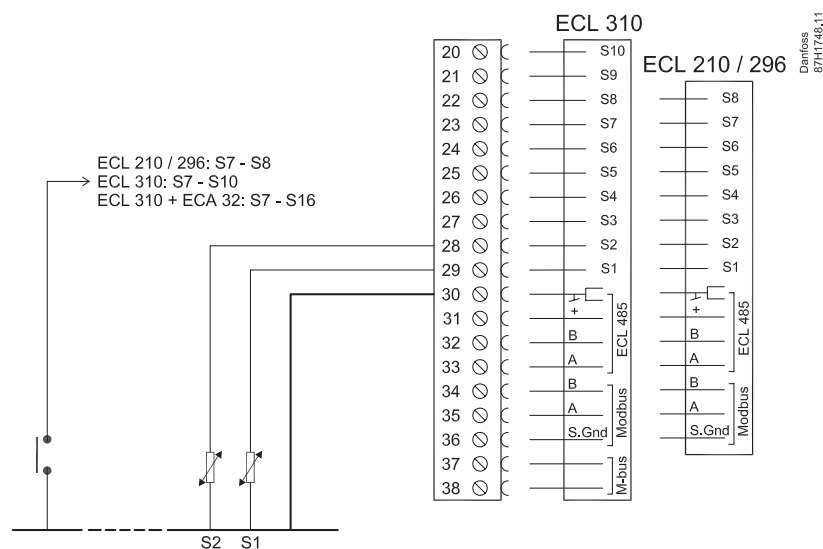




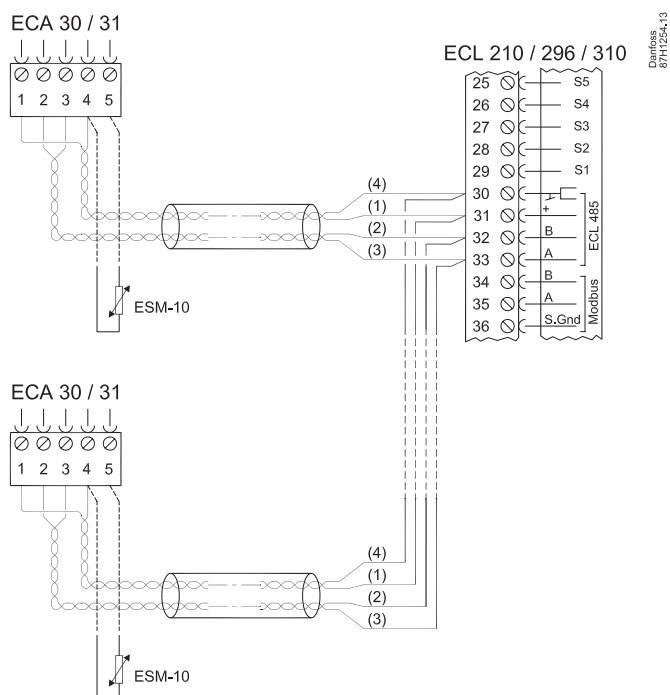
B



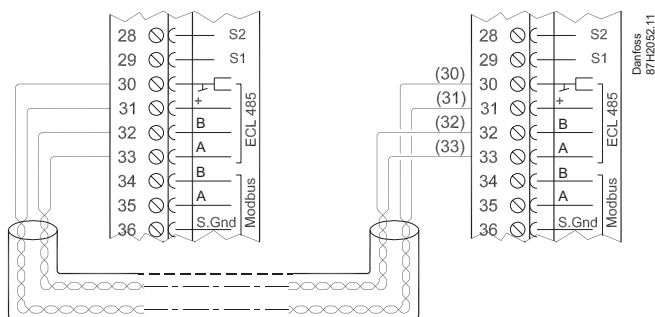
A230.1, A230.2, A230.3, A230.4, A230.5



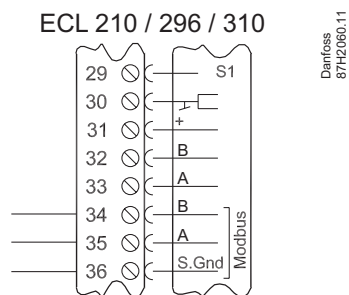
ECA 30 / 31



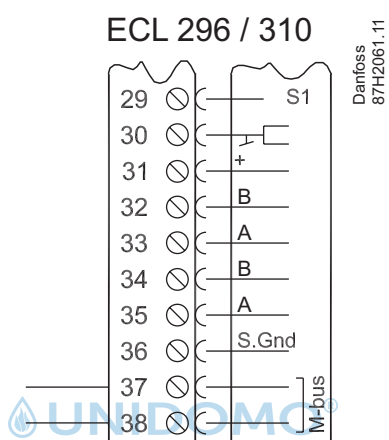
Master / slave



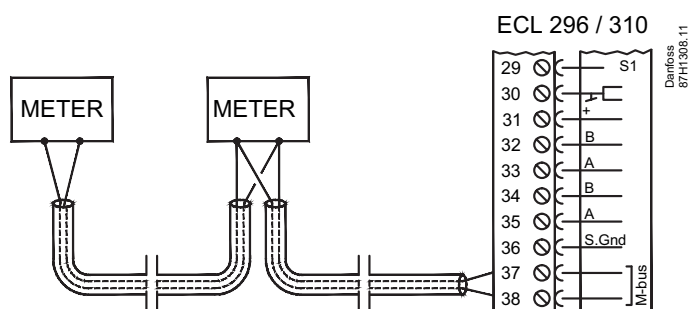
Modbus



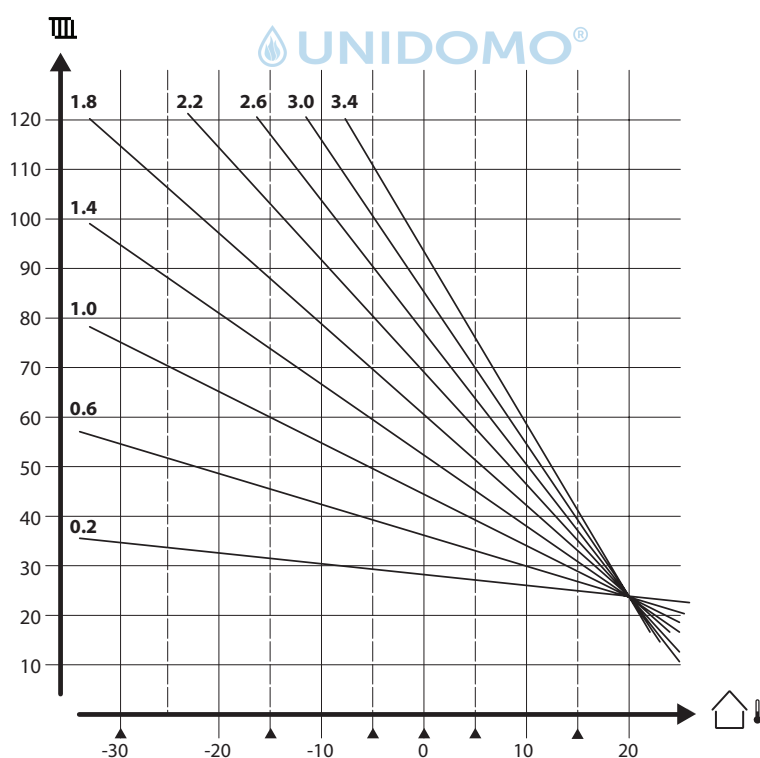
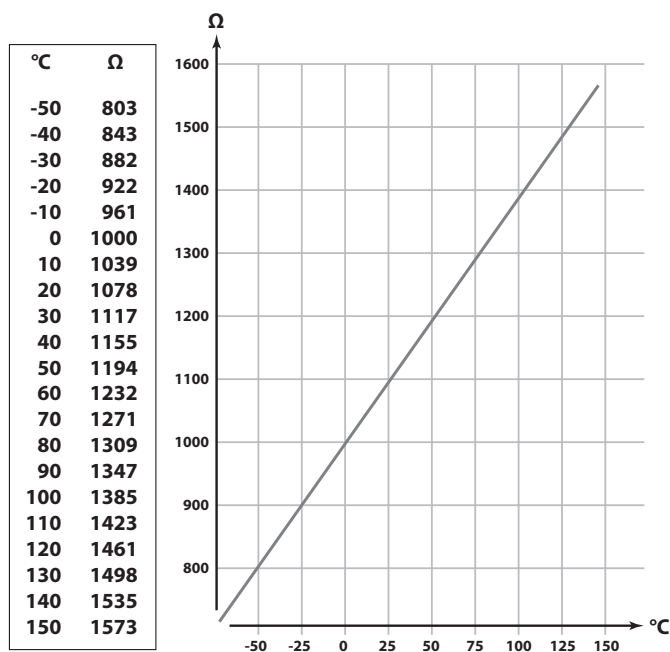
M-bus



M-bus

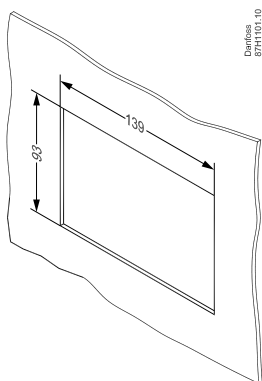


Pt 1000 (IEC 751B, 1000 Ω / 0 °C)

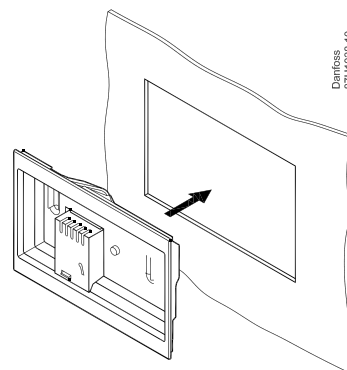


ECA 30

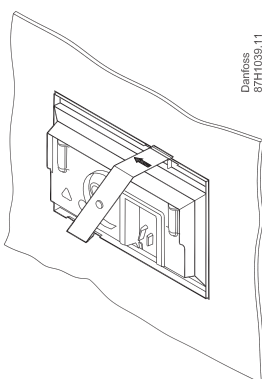
1



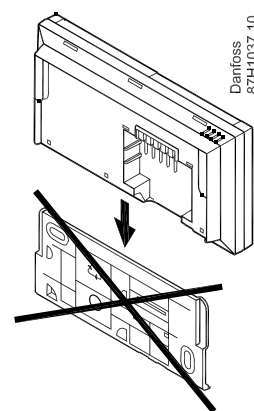
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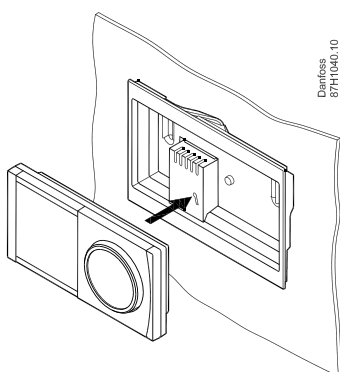
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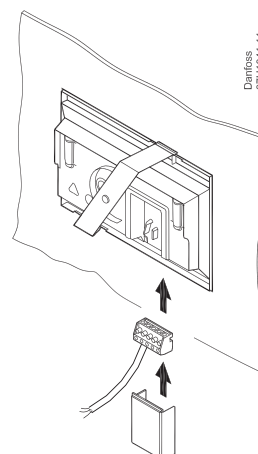
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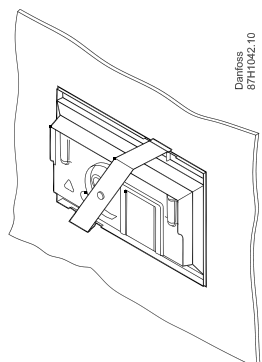
5



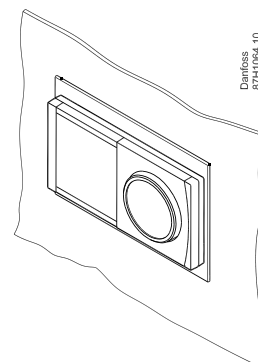
6



7



8



UNIDOMO®



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Mail: info@unidomo.com

Öffnungszeiten: Mo.-Fr. 8:00-17:00 Uhr

VIESSMANN



 **Vaillant**

WOLF

 **JUNKERS**  **BOSCH**

 **remeha**

 **DAIKIN**

ROTEX
a member of DAIKIN group



Individuelle Beratung



Kostenloser Versand



Hochwertige Produkte



Komplettpakete

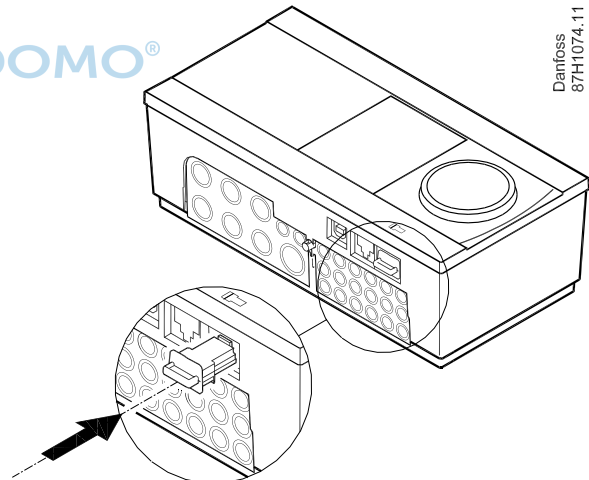
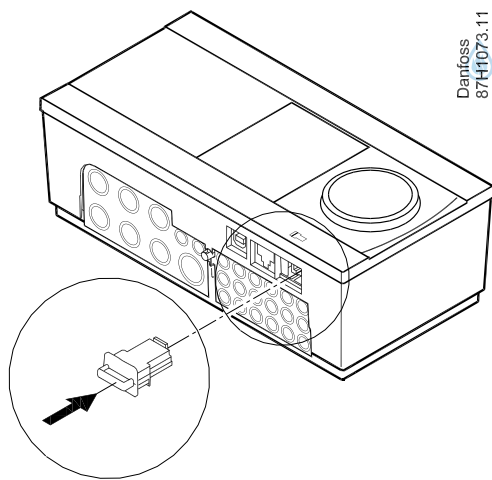
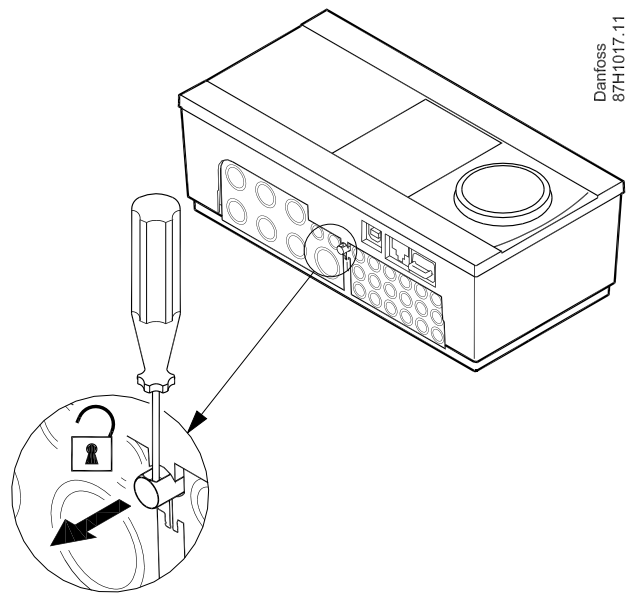
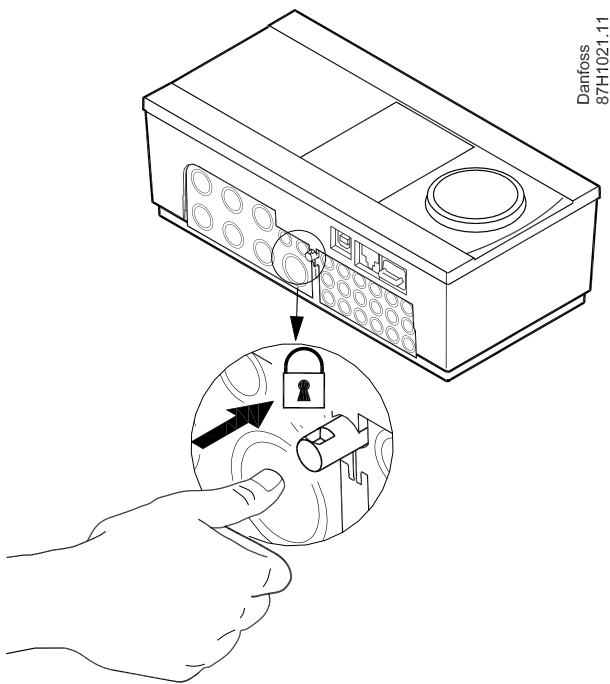


Über 15 Jahre Erfahrung



Markenhersteller

Installation Guide, ECL Comfort 210 / 296 / 310, A230



? ? **ECL Comfort 210 / 296 / 310, A230: www.heating.danfoss.com**
 ? ? **<https://www.youtube.com/user/DanfossHeating>**
-> Playlists -> How-to Videos -> District Energy installation videos



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