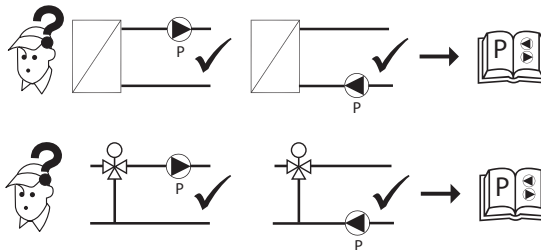
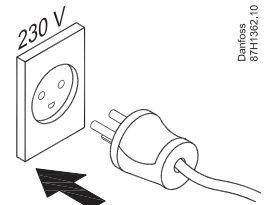
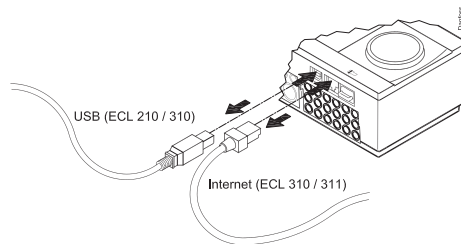
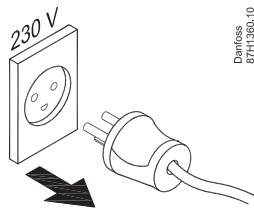
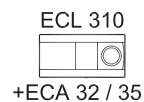


Installation Guide

ECL Comfort 310, A319 (code no. 087H3831, 087H3847)

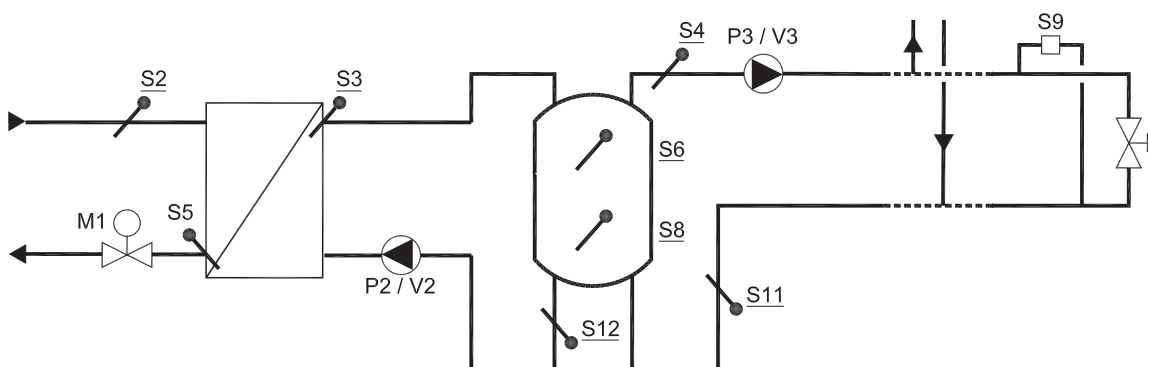


A319.1, ex. a:



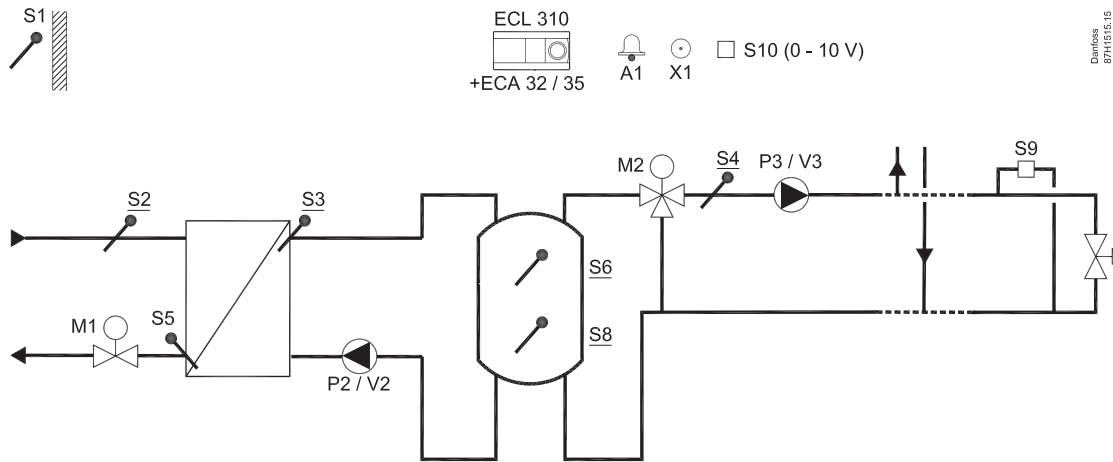
□ S10 (0 - 10 V)

Danfoss
87H1514.15



Installation Guide, ECL Comfort 310, A319

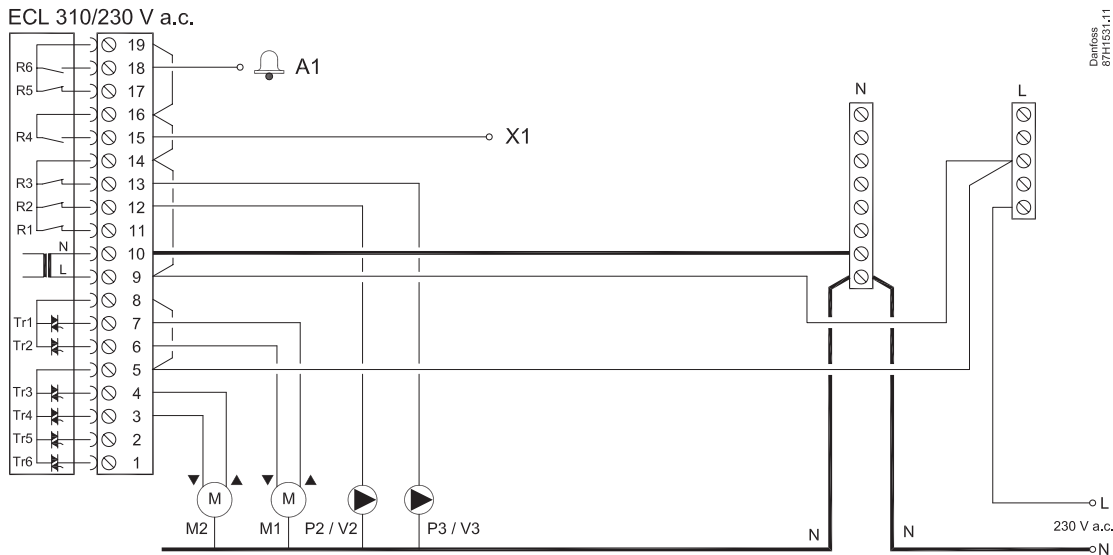
A319.2, ex. a:



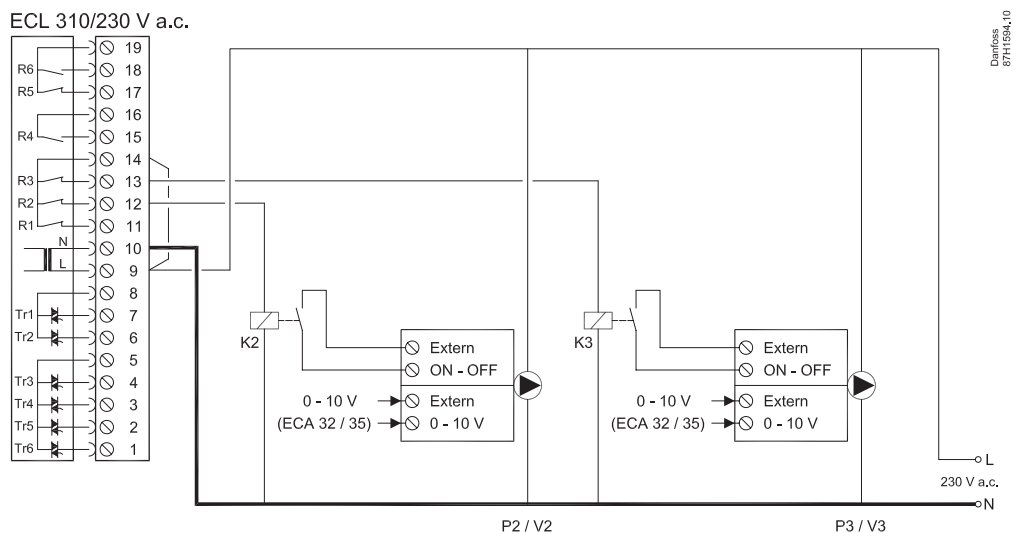
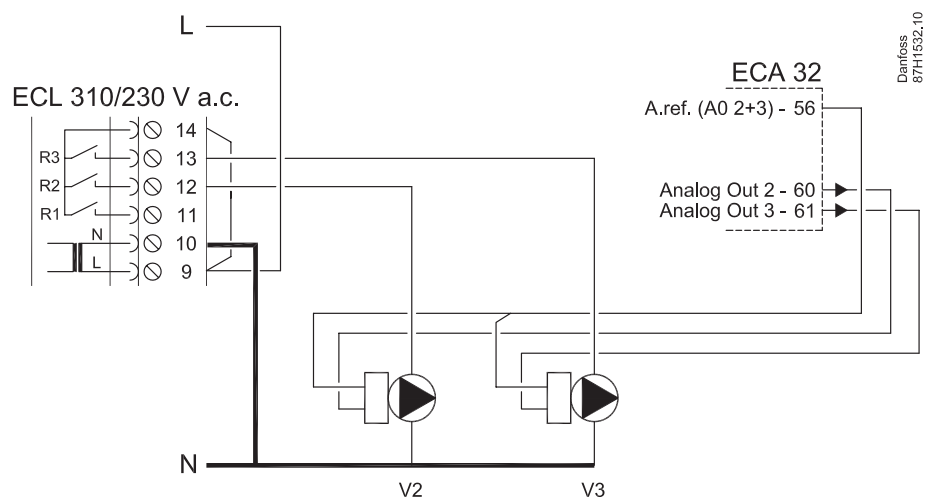
ECL 310, 230 V a.c.:

	3-point:	
	M1	M2
A319.1	✓	
A319.2	✓	✓

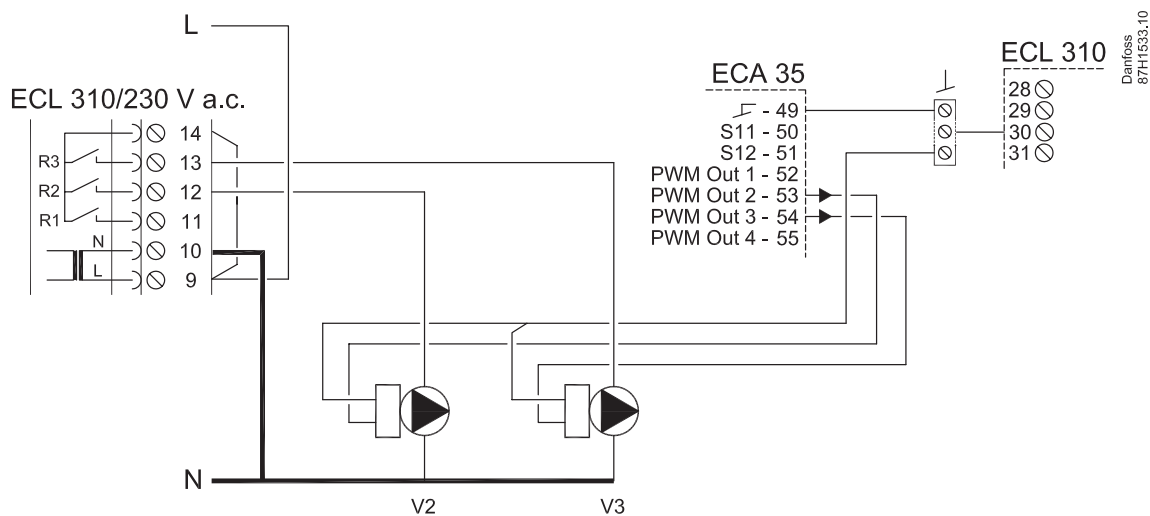
230 V a.c., A319.1 / A319.2:



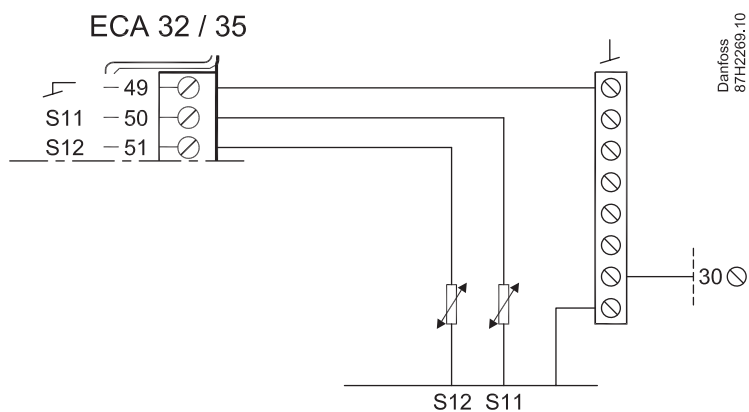
ECA 32, 0 - 10 V out



ECA 35, PWM out

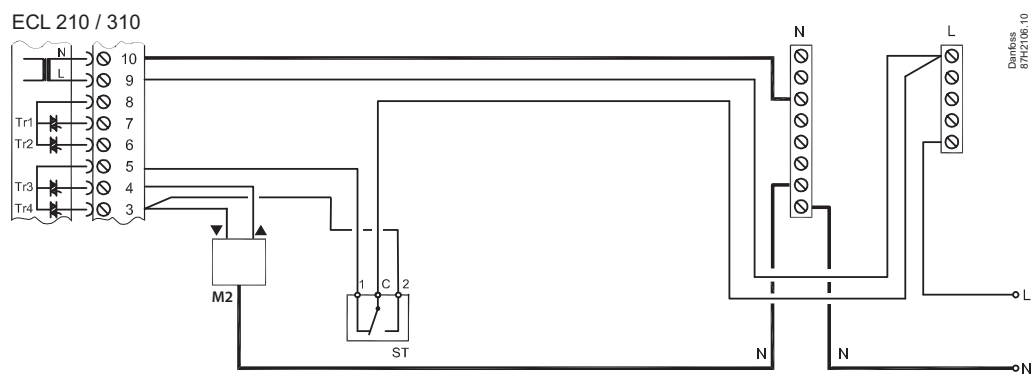
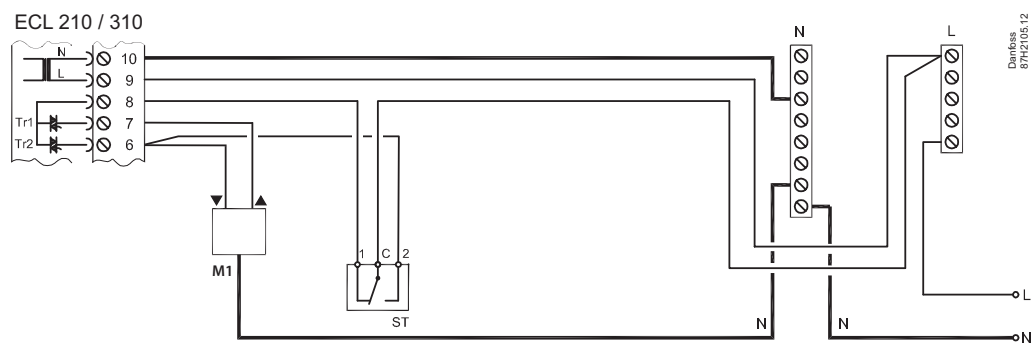


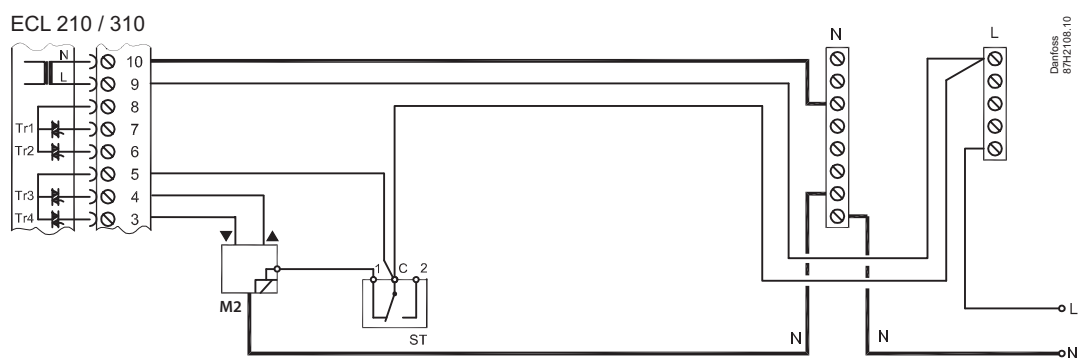
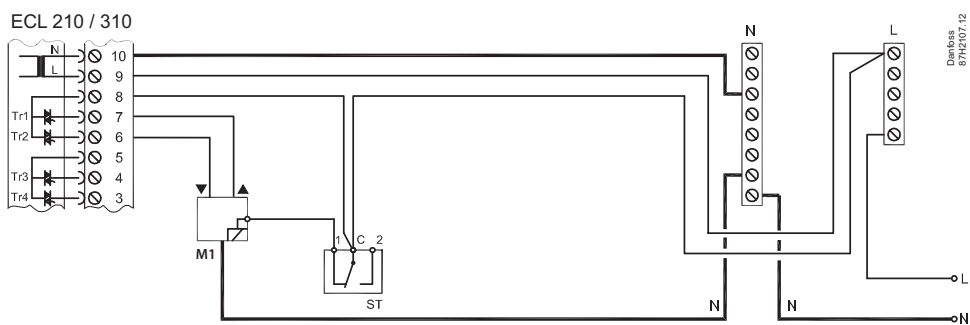
ECA 32 / 35



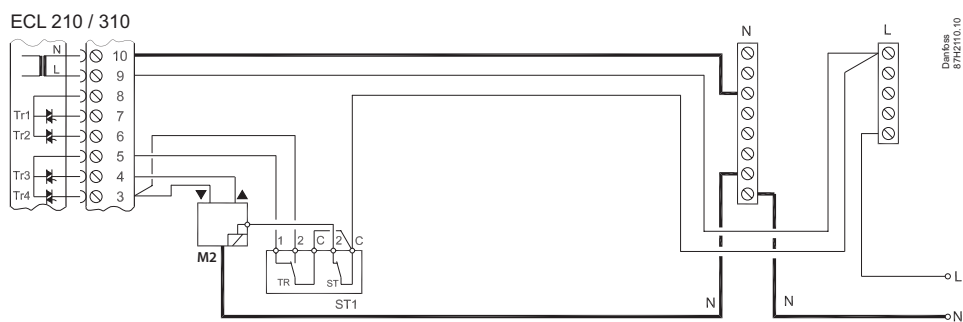
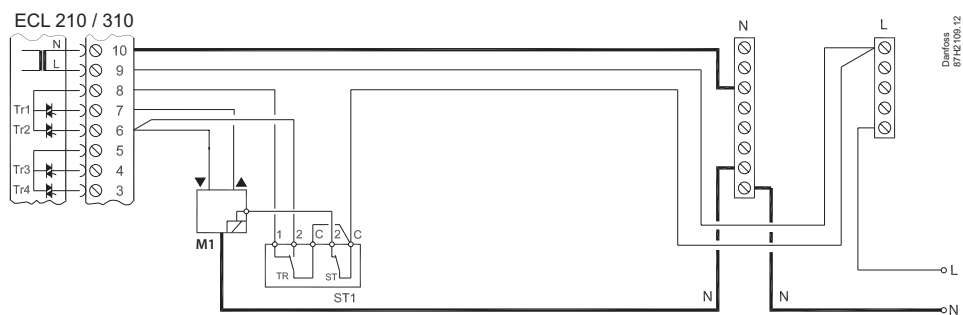
230 V a.c. / 24 V a.c., safety thermostat

1-step closing





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



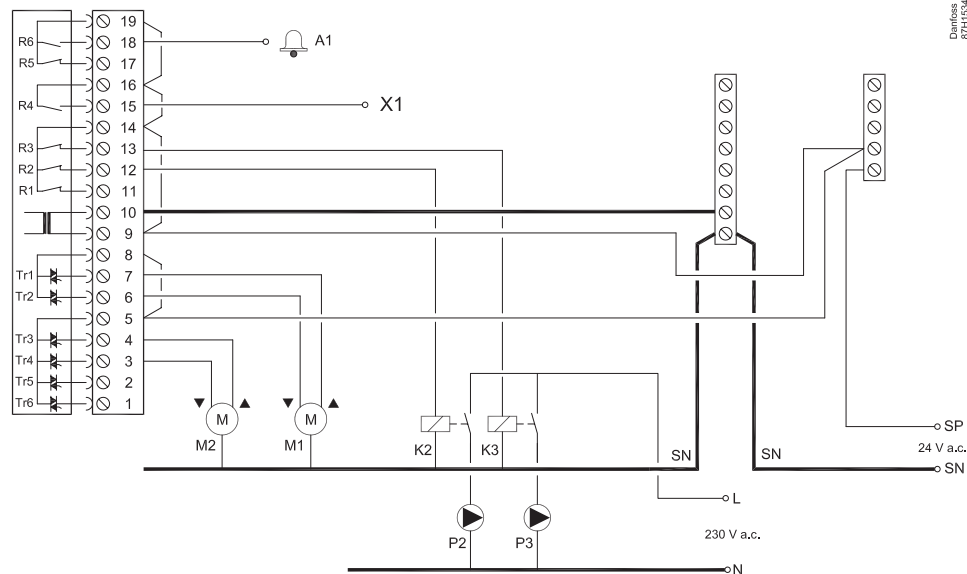
Installation Guide, ECL Comfort 310, A319

ECL 310, 24 V a.c.:

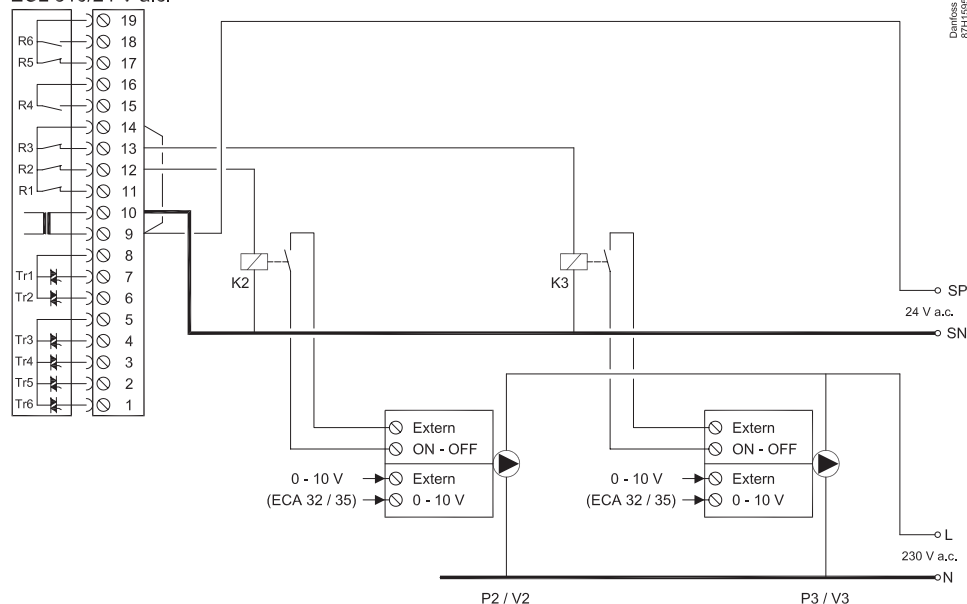
	3-point:	
	M1	M2
A319.1	✓	
A319.2	✓	✓

24 V a.c., A319.1 / A319.2

ECL 310 / 24 V a.c.

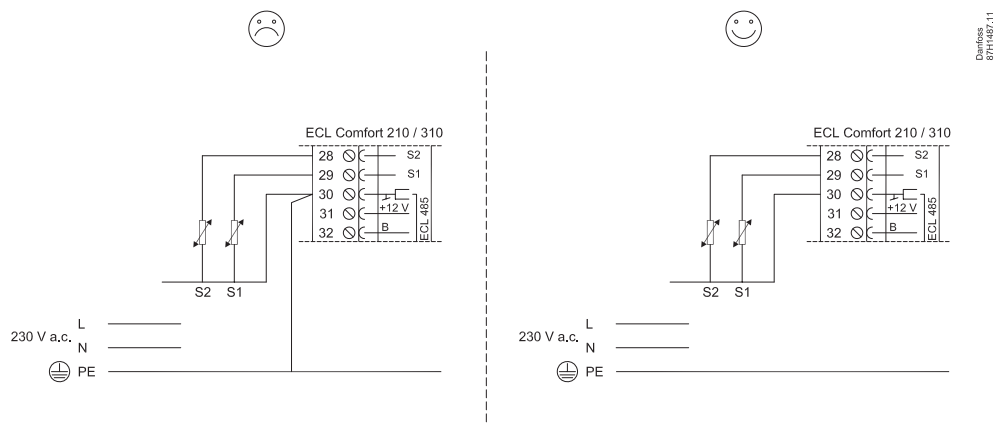


ECL 310/24 V a.c.

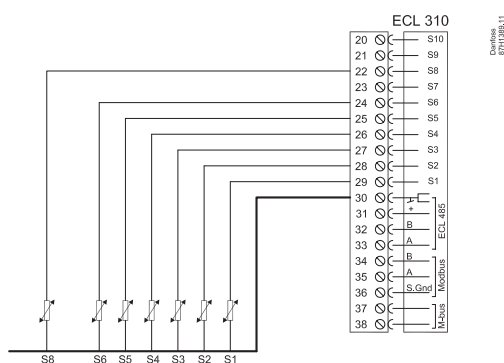


Installation Guide, ECL Comfort 310, A319

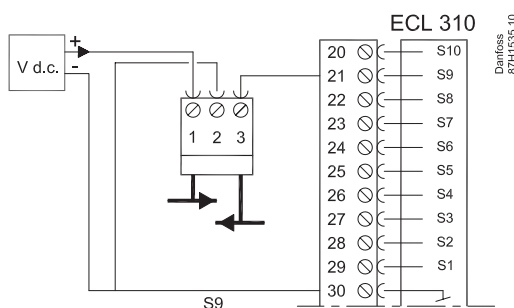
Pt 1000 (1000 Ω / 0 °C)



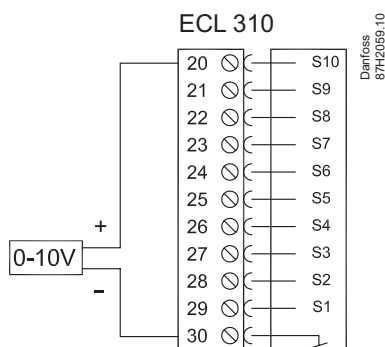
Input S1 - S6 and S8



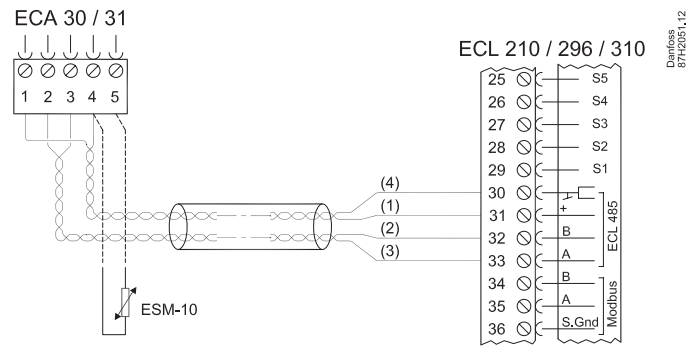
S9 (0 - 10 V)



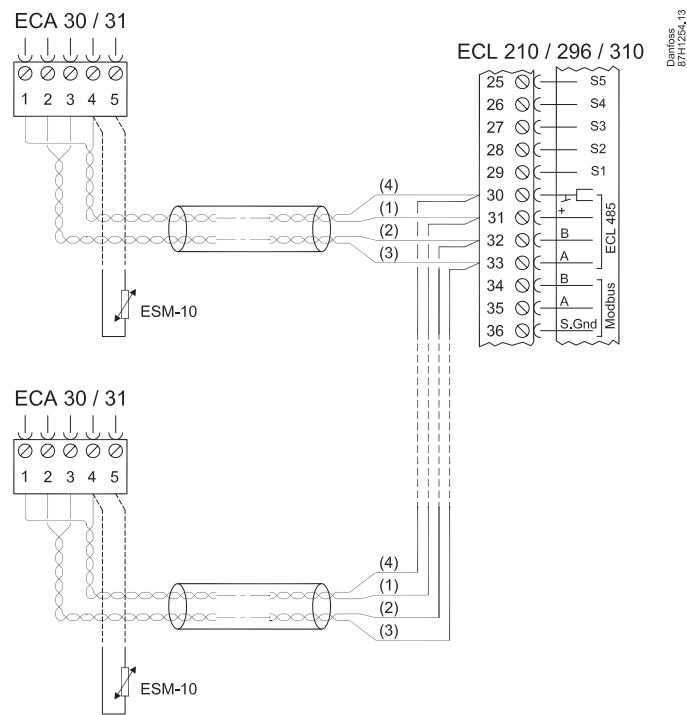
S10 (0 - 10 V)



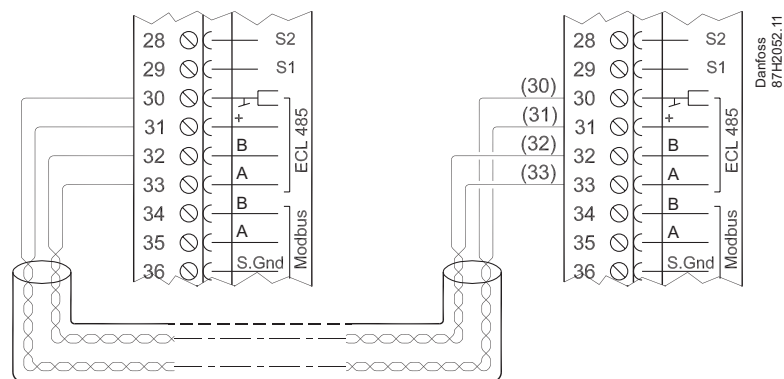
ECA 30 / 31



ECA 30 / 31

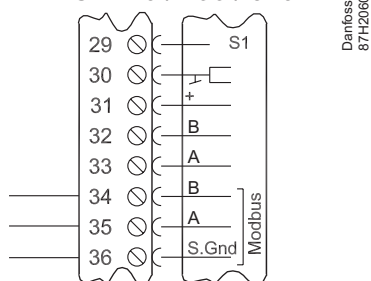


Master / slave



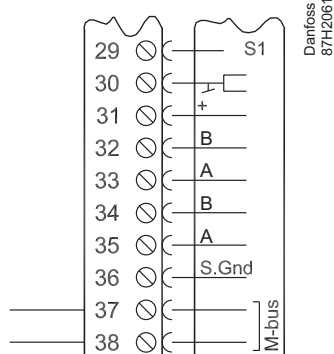
Modbus

ECL 210 / 296 / 310

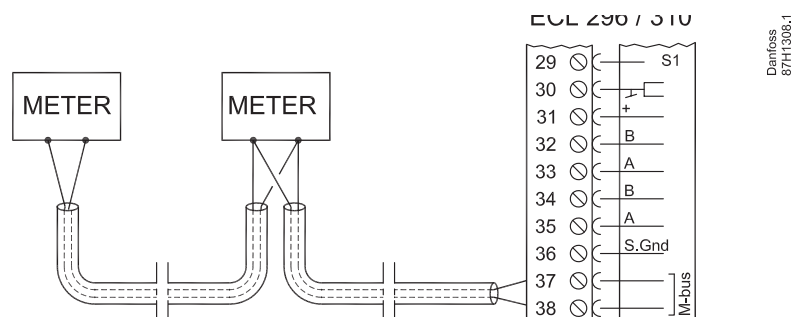


M-bus

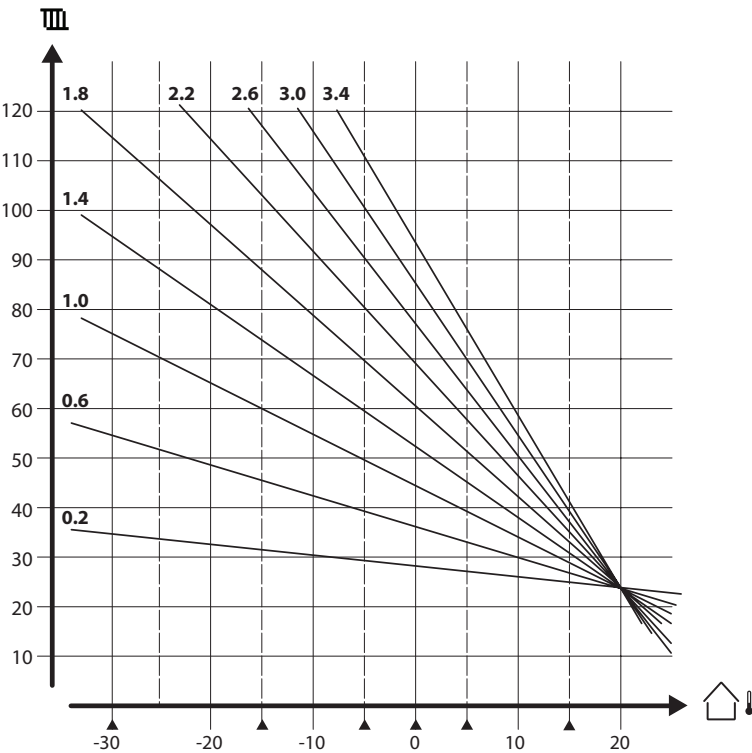
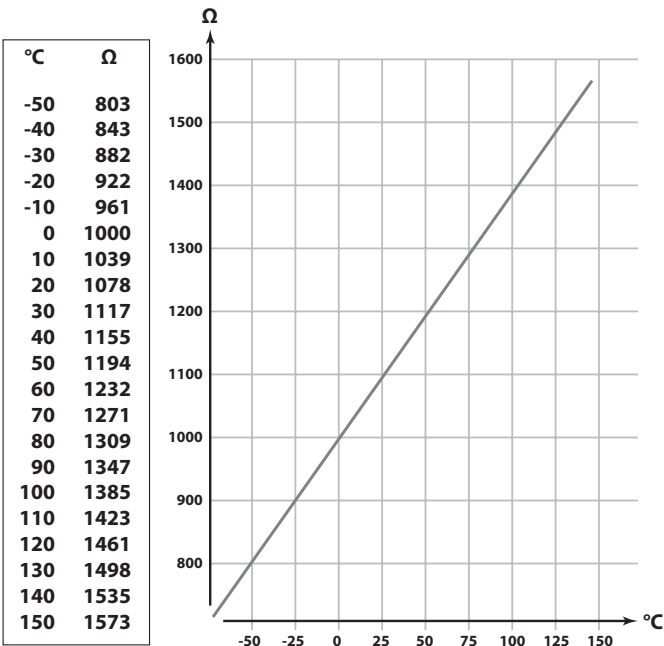
ECL 296 / 310



M-bus

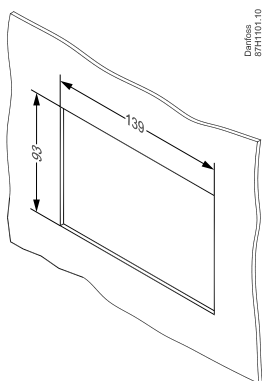


Pt 1000 (IEC 751B, 1000 Ω / 0 °C)

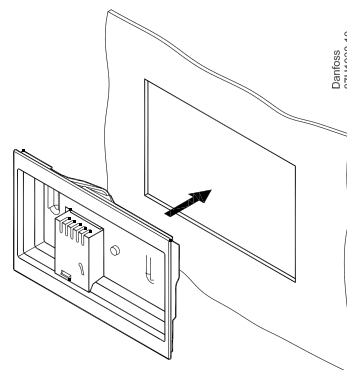


ECA 30

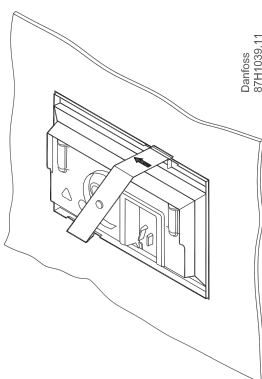
1



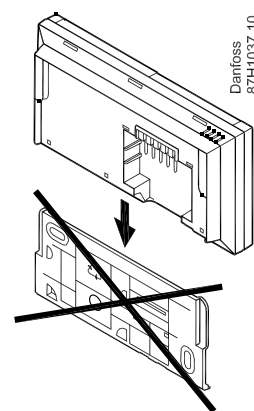
2



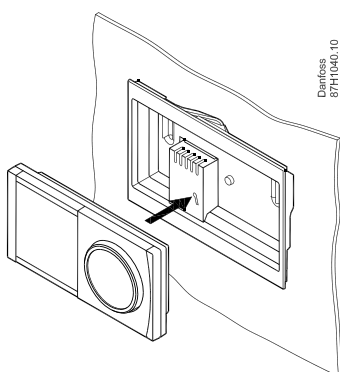
3



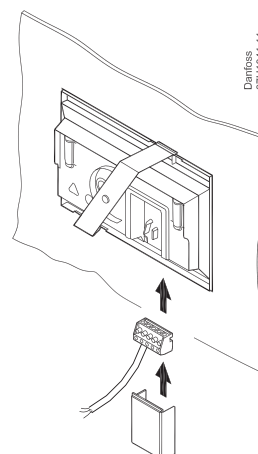
4



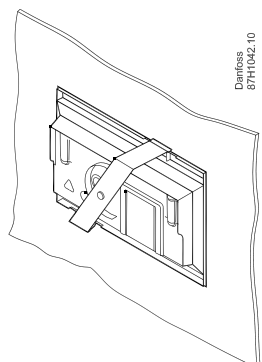
5



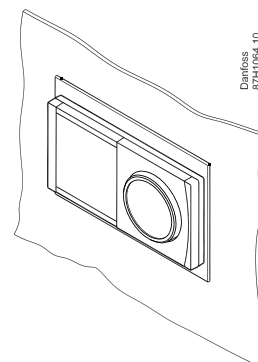
6



7

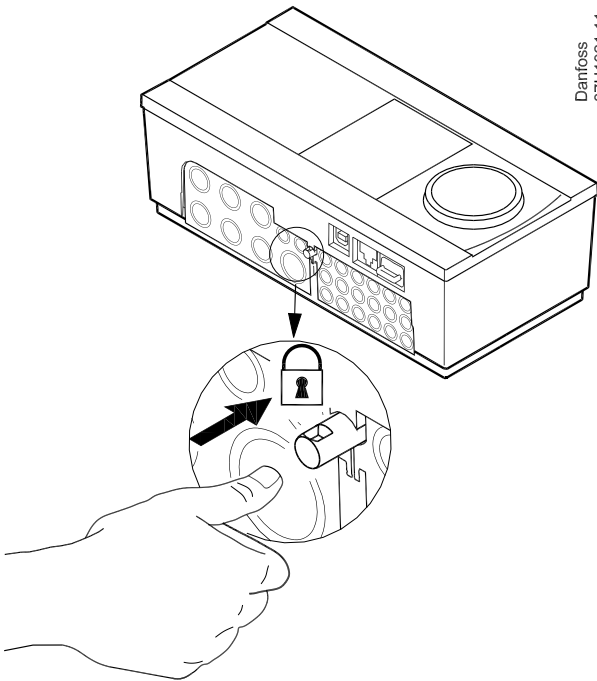


8

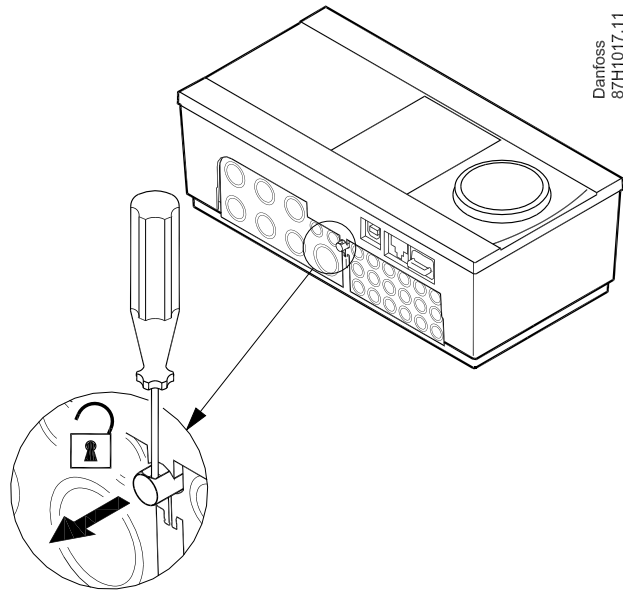


Installation Guide, ECL Comfort 310, A319

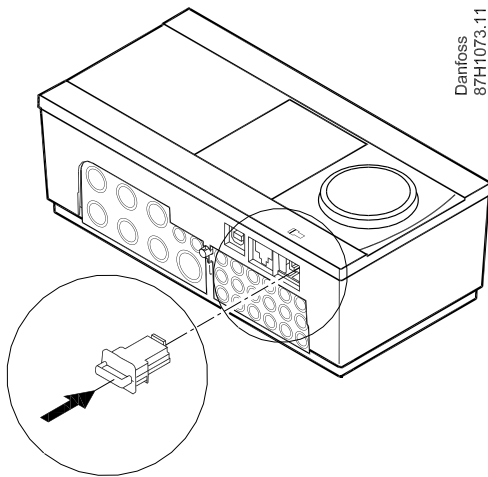
Danfoss
87H1021.11



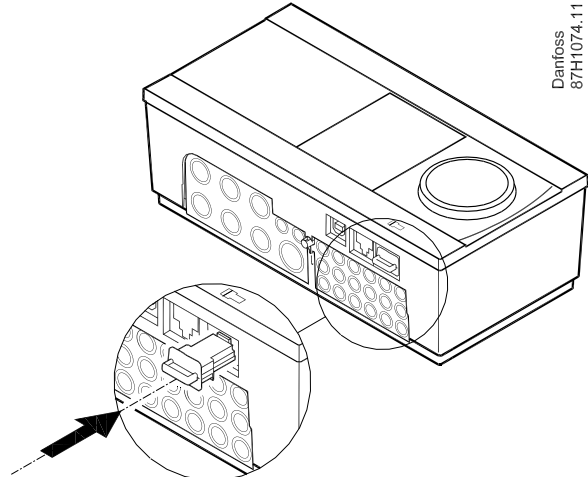
Danfoss
87H1017.11



Danfoss
87H1073.11



Danfoss
87H1074.11



? **ECL Comfort 310, A319: 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

Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues descriptions, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogues, brochures, videos and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the product.

All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.