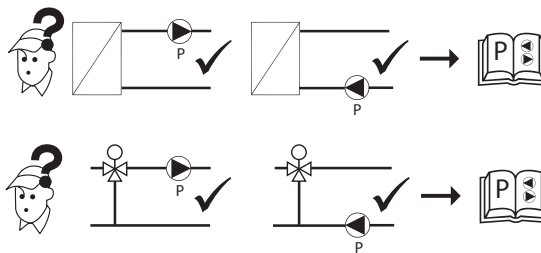
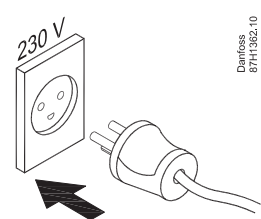
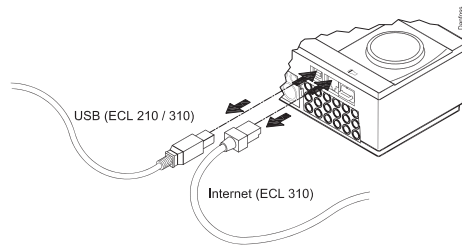
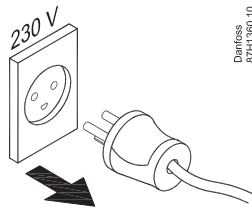
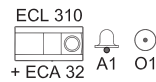


Installation Guide

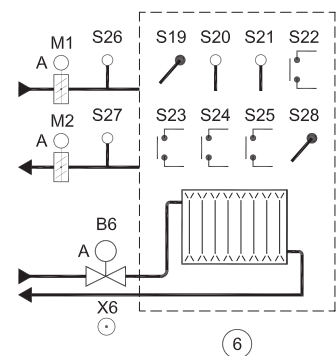
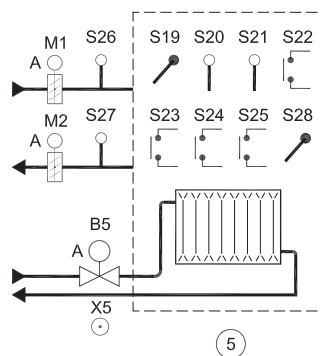
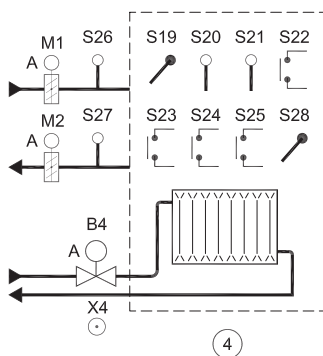
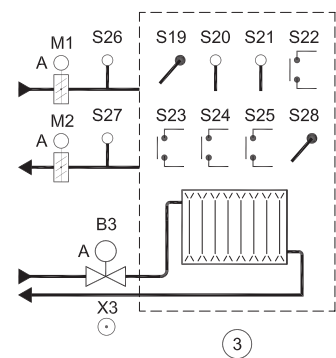
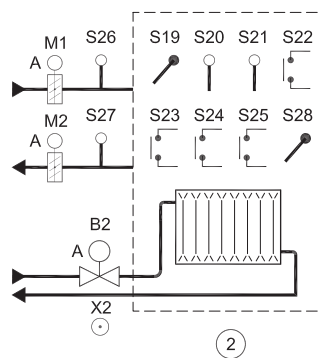
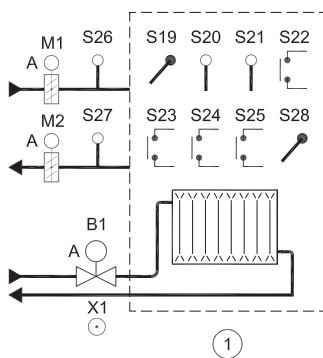
ECL Comfort 310, 24 Volt, P302 (code no. 087H3839) (P302.1)



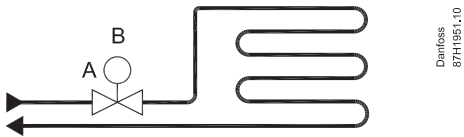
P302.1



Danfoss
87H1382.10



Alternative



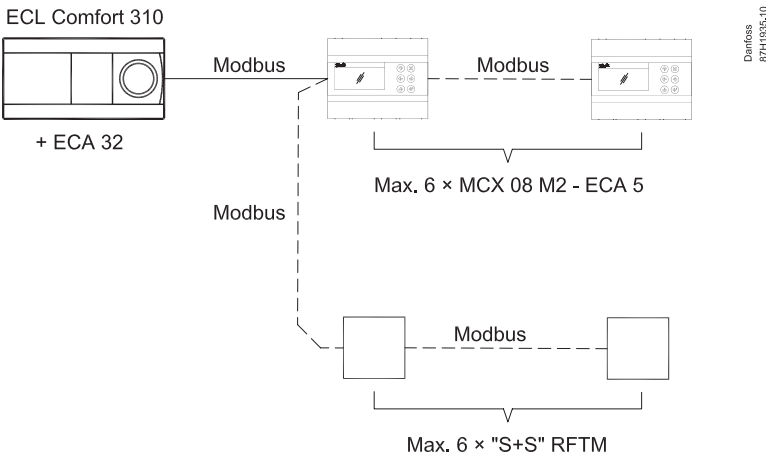
DK



System

	Inputs:	Outputs:
ECL Comfort 310  + ECA 32 Danfoss 87H1952.10	S1, (S2, S3, S4, S5, S6, S7)	B1, B2, B3, B4, B5, B6 X1, X2, X3, X4, X5, X6 ECA 32: A1, O1
MCX 08 M2 - ECA 5  Danfoss 87H1953.10	S22 (DI 1), S23 (DI 2), S24 (DI 3), S25 (DI 4), DI 6, DI 7, DI 8 S26 (AI 1), S27 (AI 2), S28 (AI 4)	AO 2 M1 (AO 3), M2 (AO 4) DO 3, DO 4, DO 5, DO 7
"S+S" RFTM  Danfoss 87H1954.10	S19, S20, S21	

Modbus system



ECL Comfort 310
24 V a.c.

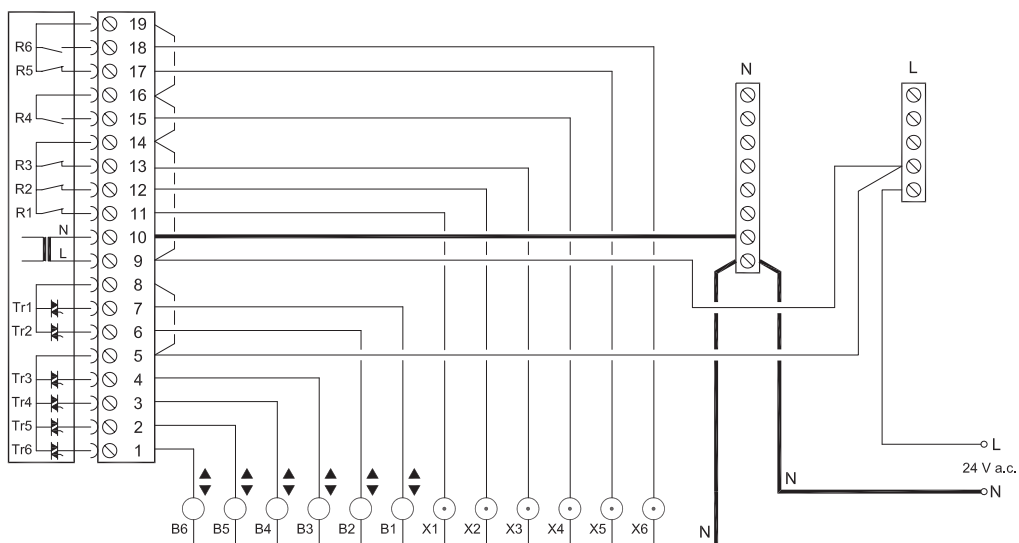
R	4 (2) A / 24 V a.c.
R	
Tr	1 A / 24 V a.c.

ECL Comfort 310 / MCX 08 M2 - ECA 5

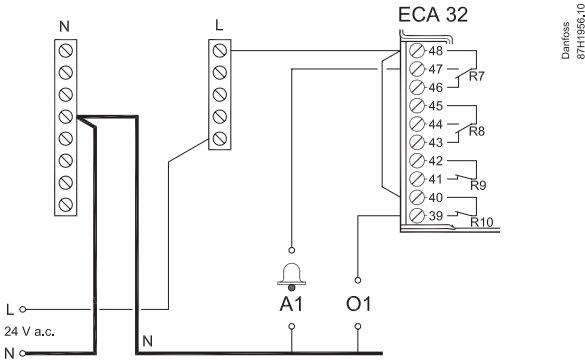
	ECL 310		MCX 08 M2 - ECA 5 #1, #2, #3, #4, #5, #6
B1	Tr. 1	~	AO 2 / DO 5
B2	Tr. 2	~	AO 2 / DO 5
B3	Tr. 3	~	AO 2 / DO 5
B4	Tr. 4	~	AO 2 / DO 5
B5	Tr. 5	~	AO 2 / DO 5
B6	Tr. 6	~	AO 2 / DO 5

ECL Comfort 310, 24 V a.c.

ECL 310 / 24 V a.c.



ECA 32, 24 V a.c.



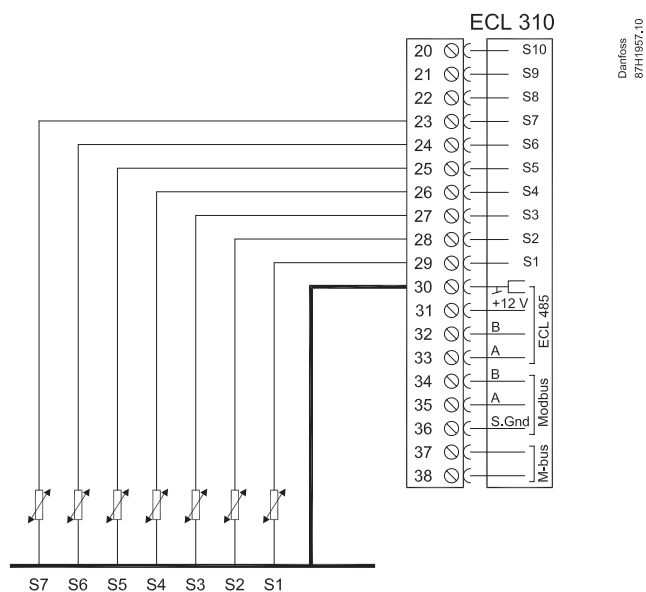
MCX 08 M2 - ECA 5



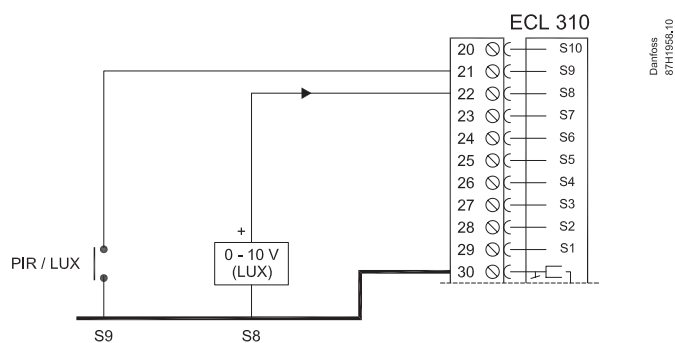
ECL Comfort 310
P302.1

ECL Comfort 310

S1	Pt 1000		
S2	Pt 1000	~	S19 (zone 1), RFTM
S3	Pt 1000	~	S19 (zone 2), RFTM
S4	Pt 1000	~	S19 (zone 3), RFTM
S5	Pt 1000	~	S19 (zone 4), RFTM
S6	Pt 1000	~	S19 (zone 5), RFTM
S7	Pt 1000	~	S19 (zone 6), RFTM
S8	LUX (0 - 10 Volt)		
S9	PIR / LUX (Digital)		



Danfoss
87H1957.10



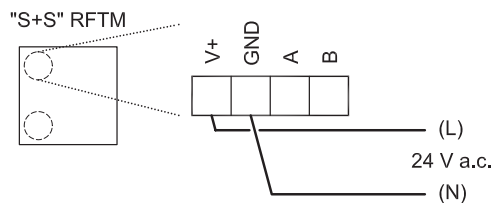
Danfoss
87H1958.10

"S+S", RFTM

S19	RFTM	Temperature
S20	RFTM	PPM
S21	RFTM	% RH

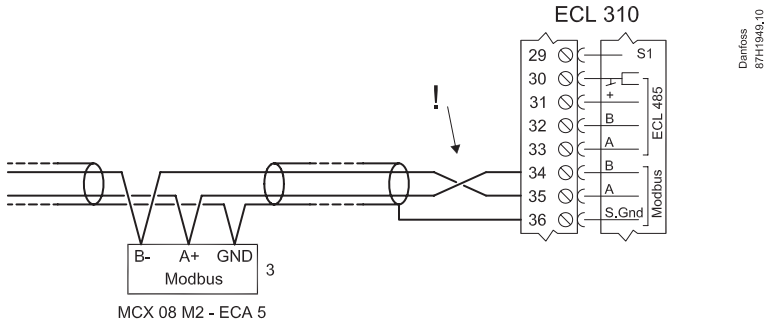
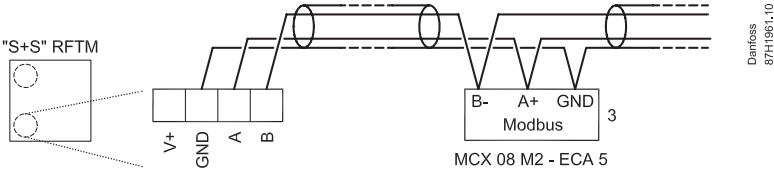
Power

24 Volt a.c.

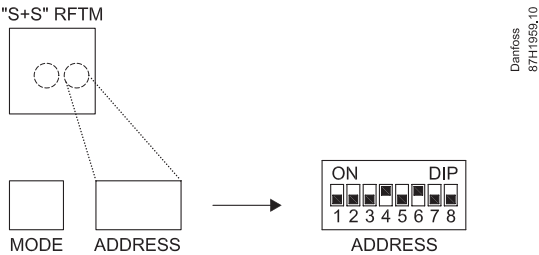


Danfoss
87H1962.10

Modbus



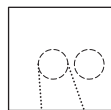
Address



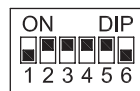
DIP	1	2	3	4	5	6	7	8
Address								
#1	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON
#2	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
#3	OFF	OFF	OFF	ON	OFF	OFF	ON	ON
#4	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
#5	OFF	OFF	OFF	ON	OFF	ON	OFF	ON
#6	OFF	OFF	OFF	ON	OFF	ON	ON	OFF

Modes

"S+S" RFTM



MODE



MODE

Danfoss
87H1960.10

DIP	1	2		DIP	3		DIP	4		DIP	5		DIP	6	
Baud rate				Parity			Parity check			8N1-modus			Bus termination		
9600	ON	OFF		Even	ON	✓	Active (1 stop bit)	ON	✓	Active	ON	✓	Active	ON	
19200	ON	ON		Odd	OFF		Inactive (no parity) (2 stop bits)	OFF		Inactive	OFF		Inactive	OFF	✓
38400	OFF	ON	✓												

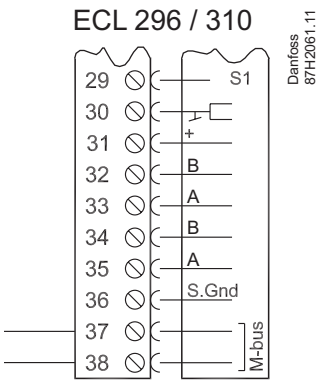
MCX 08 M2 - ECA 5



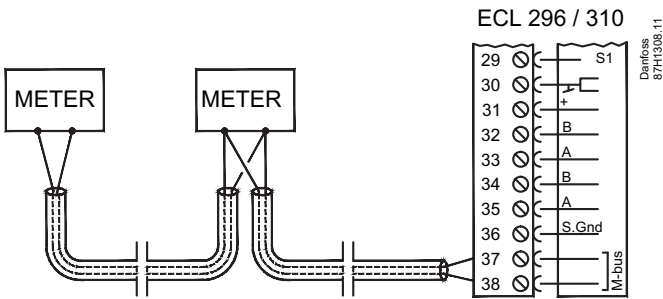
MCX 08 M2 - ECA 5

S22	MCX	PIR, digital	Digital
S23	MCX	WINDOW	Digital
S24	MCX	Contact	Digital
S25	MCX	Contact	Digital
S26	MCX	VAV inlet volume	0 - 10 V
S27	MCX	VAV outlet volume	0 - 10 V
S28	MCX	Temperature, window	Pt 1000

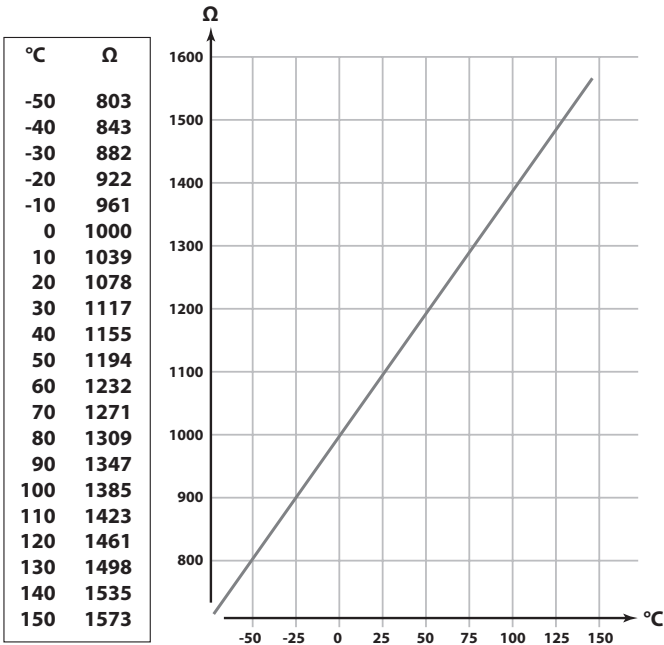
M-bus



M-bus

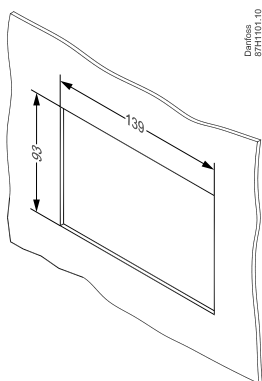


Pt 1000 (IEC 751B, 1000 Ω / 0 $^{\circ}\text{C}$)

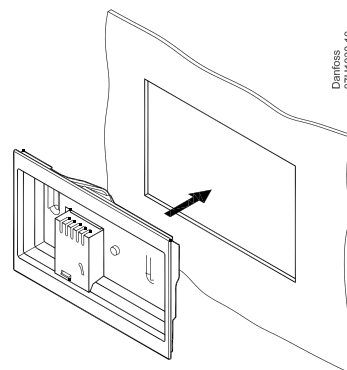


ECA 30

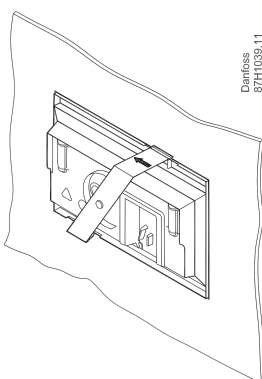
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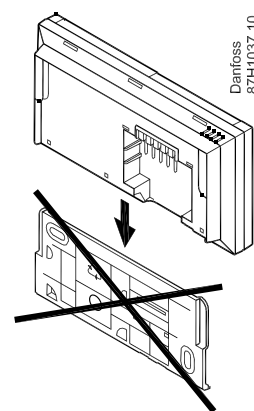
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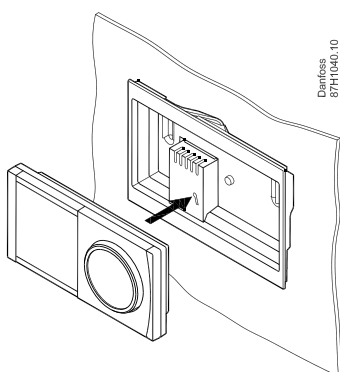
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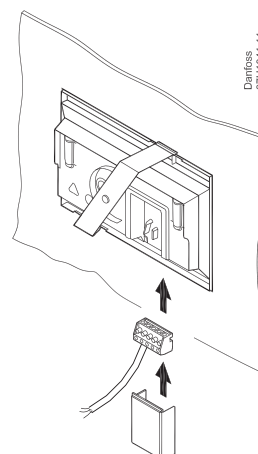
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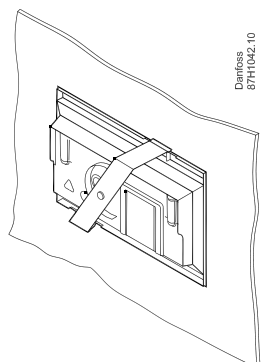
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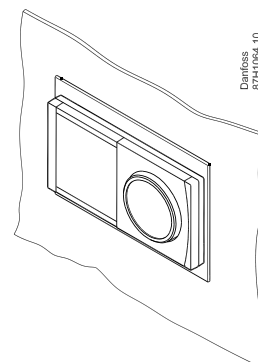
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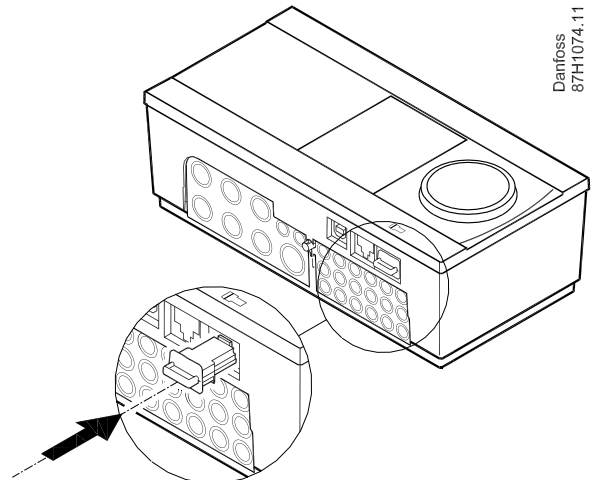
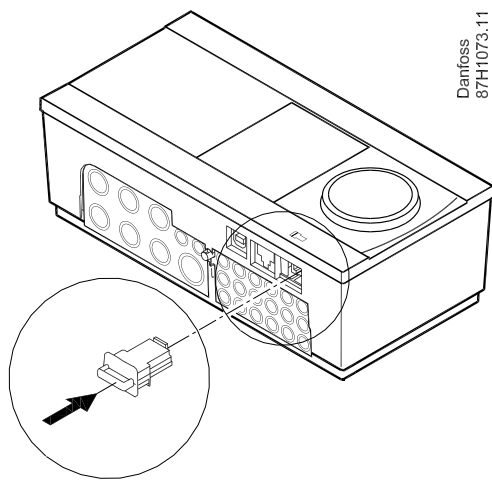
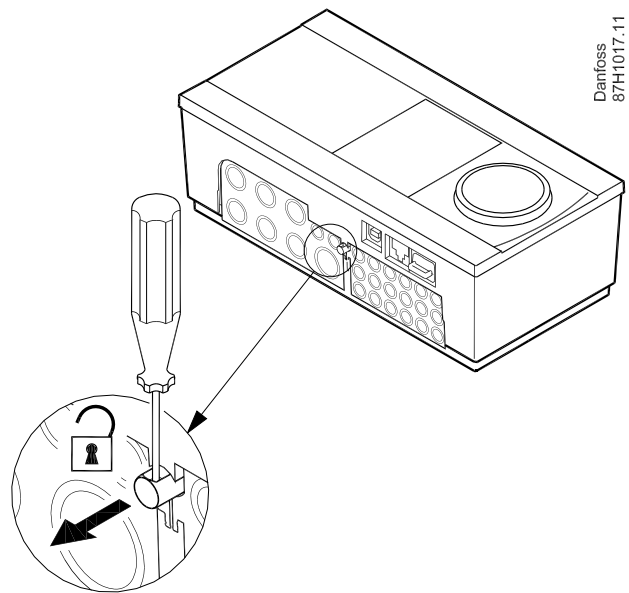
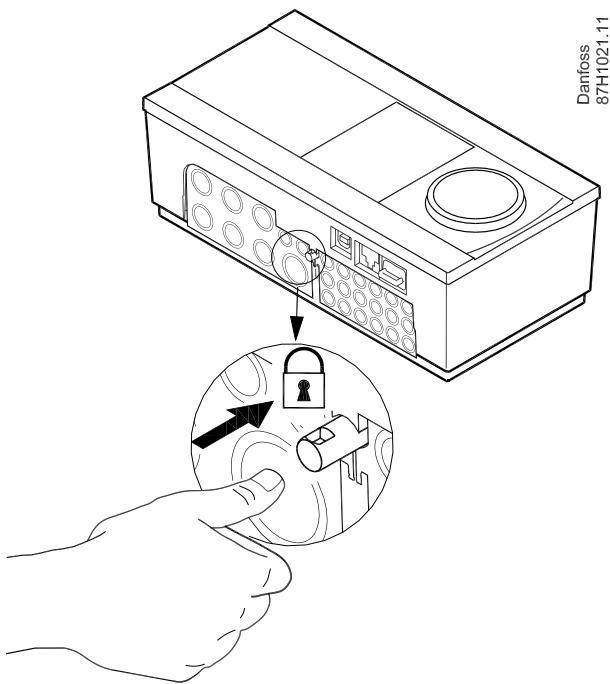
7



8



Installation Guide, ECL Comfort 310, 24 Volt, P302



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