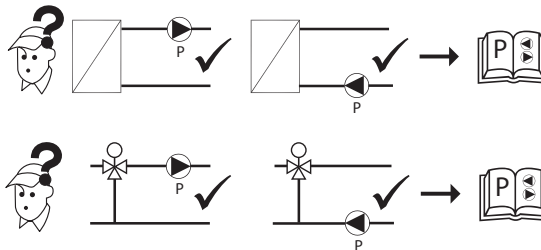
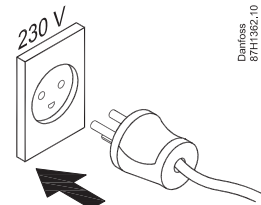
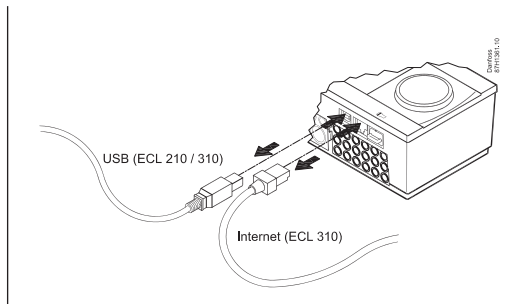
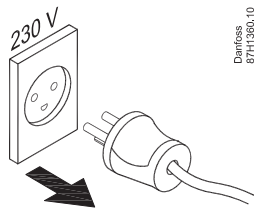
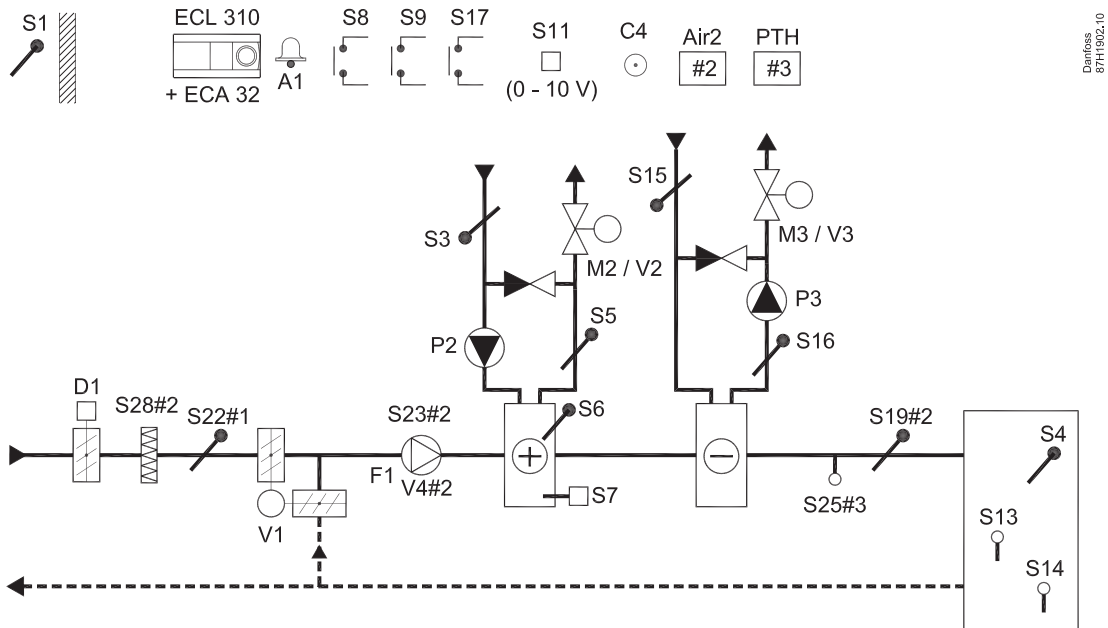


Installation Guide

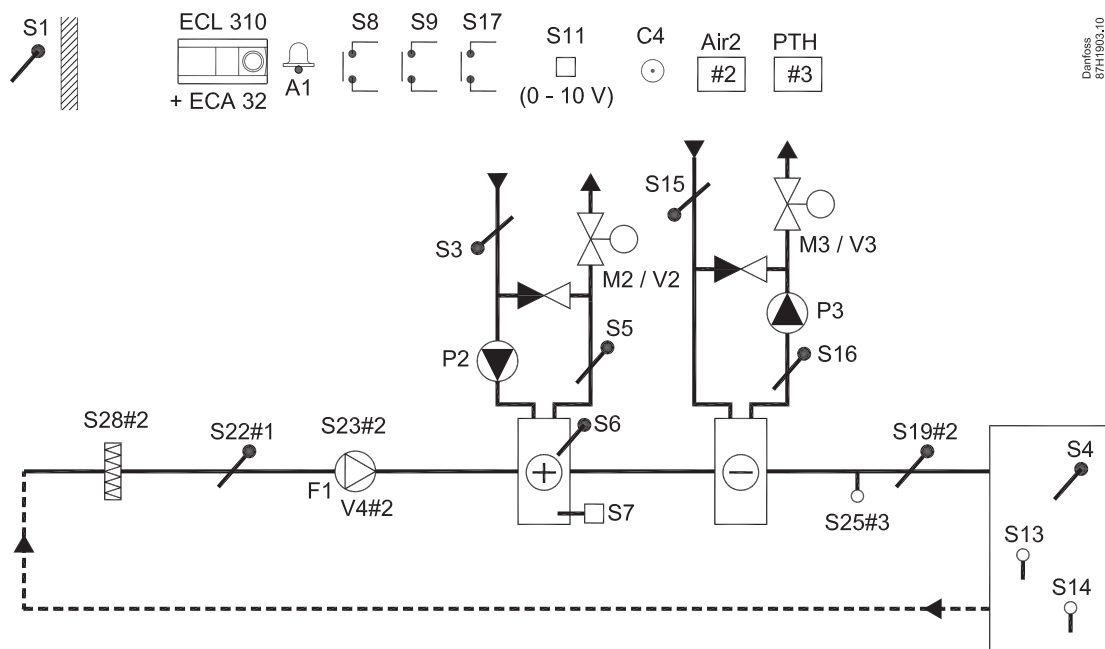
ECL Comfort 310, A315, 24 V (code no. 087H3846)



A315.1, ex. a



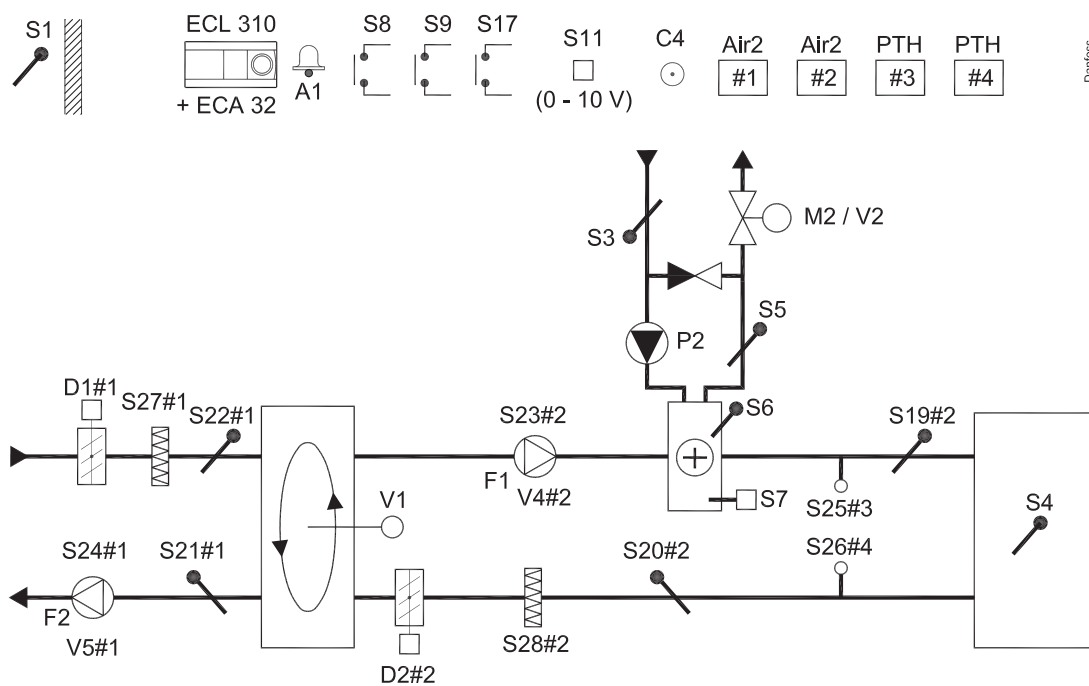
A315.1, ex. b



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87H1903.10

A315.3, A315.4, ex. a

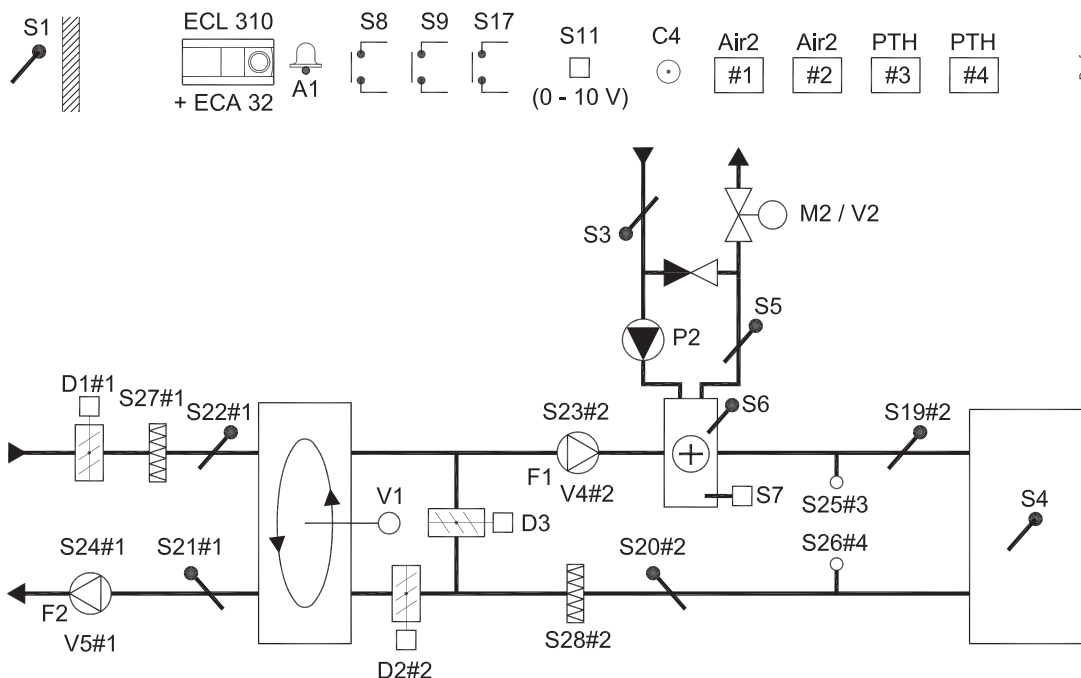
	F1 + F2
A315.3	Pa
A315.4	m ³ /h / Pa



Danfoss
87H1823.11

A315.3, A315.4, ex. b

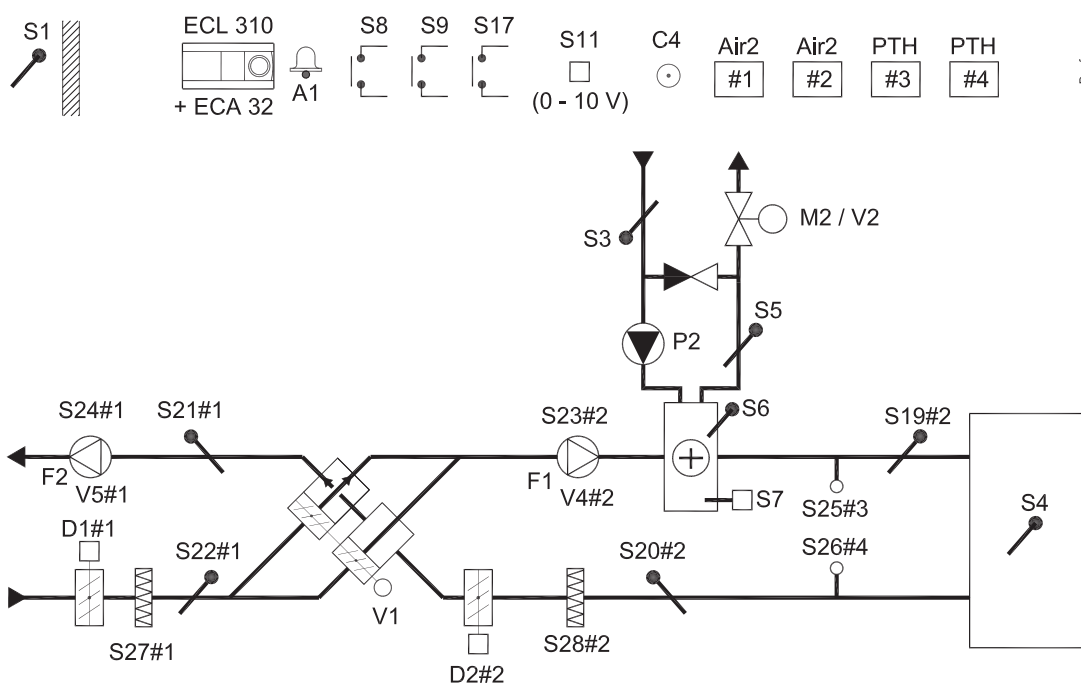
	F1 + F2
A315.3	Pa
A315.4	m ³ / h / Pa



Danfoss
87H1824,11

A315.3, A315.4, ex. c

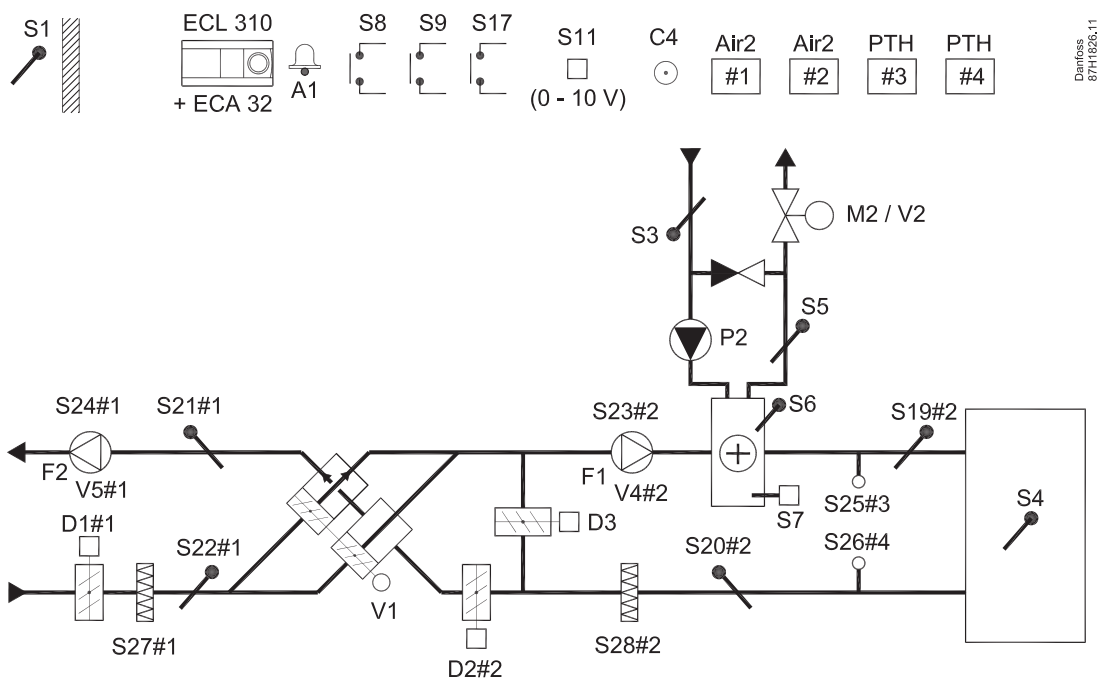
	F1 + F2
A315.3	Pa
A315.4	m ³ / h / Pa



Danfoss
87H1825,11

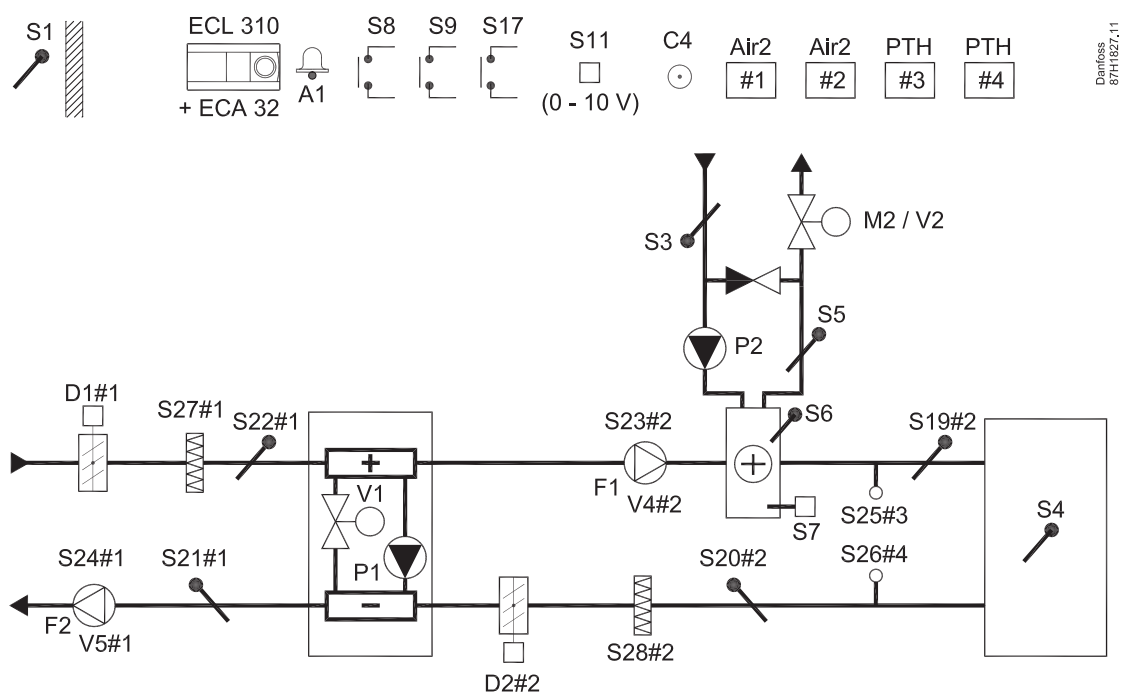
A315.3, A315.4, ex. d

	F1 + F2
A315.3	Pa
A315.4	m ³ /h / Pa



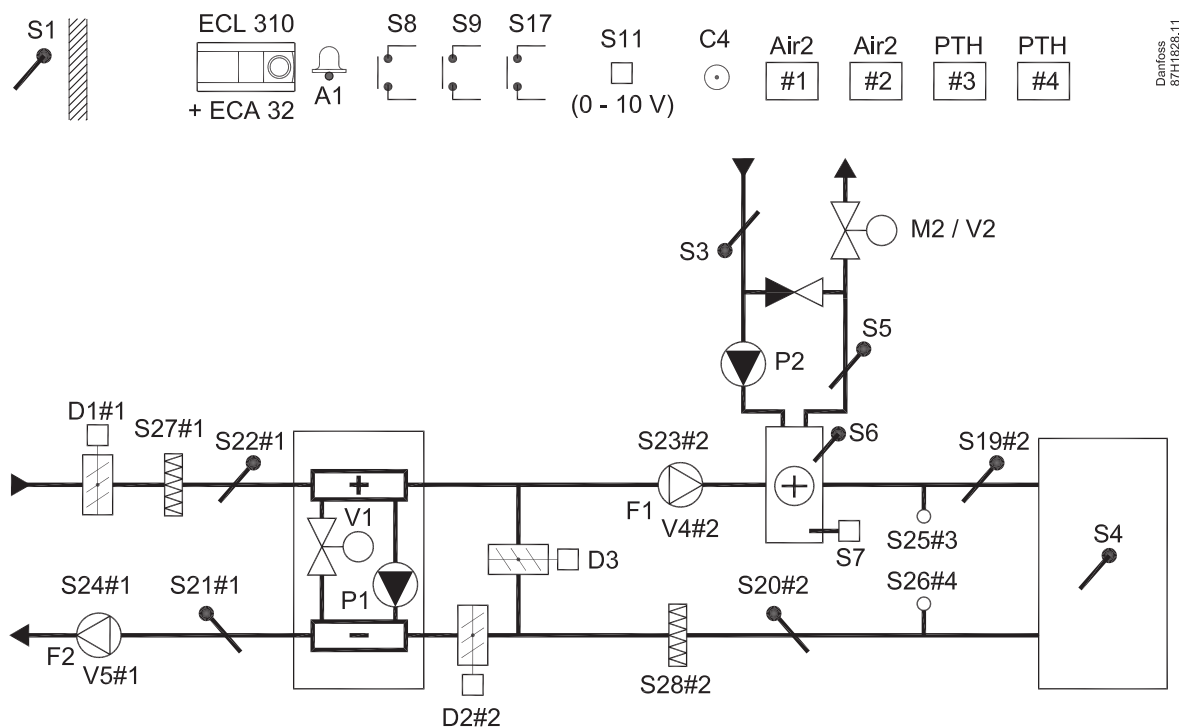
A315.3, A315.4, ex. e

	F1 + F2
A315.3	Pa
A315.4	m ³ /h / Pa

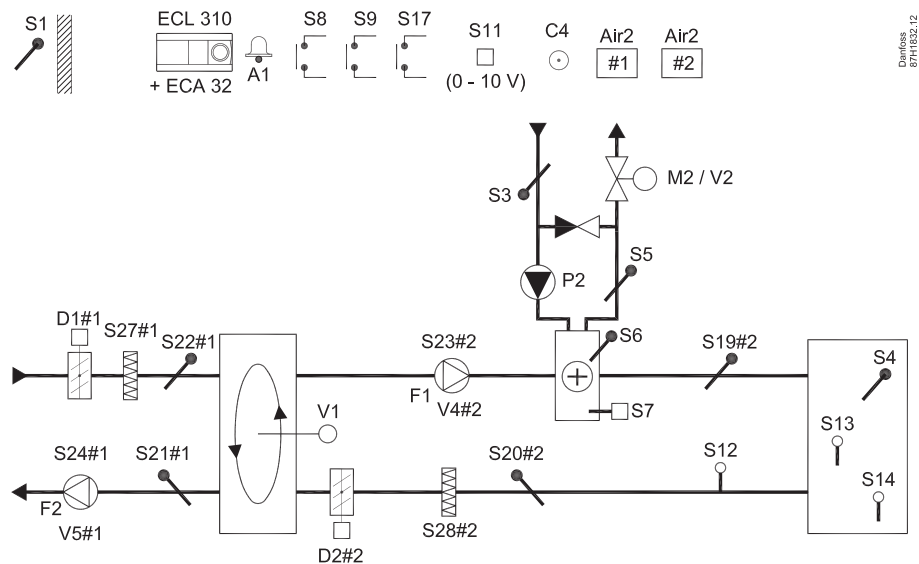


A315.3, A315.4, ex. f

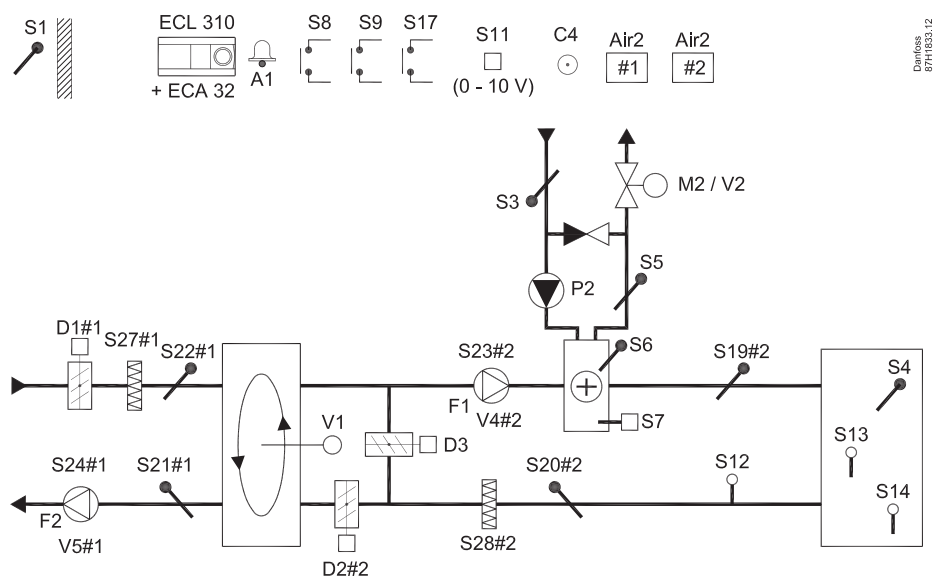
	F1 + F2
A315.3	Pa
A315.4	m ³ / h / Pa



A315.5, ex. a

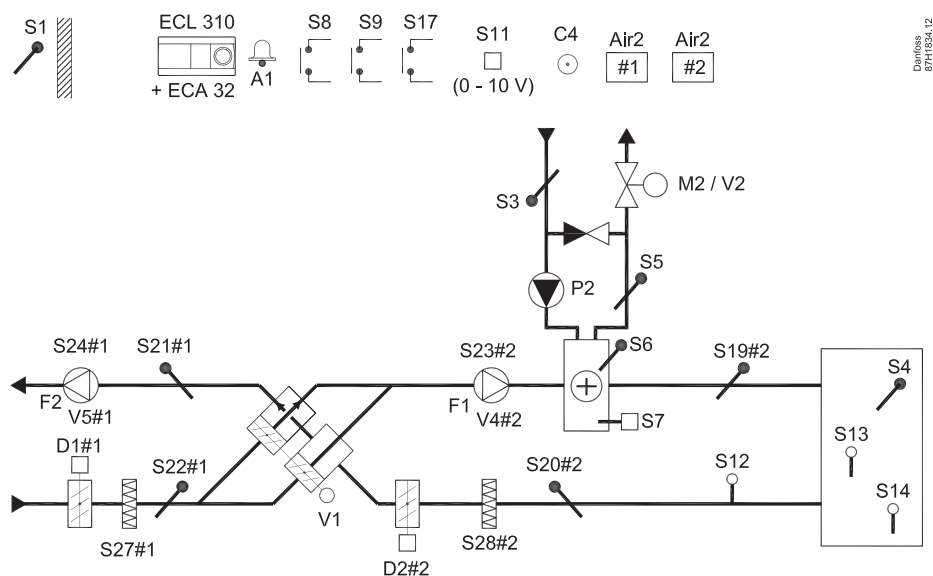


A315.5, ex. b



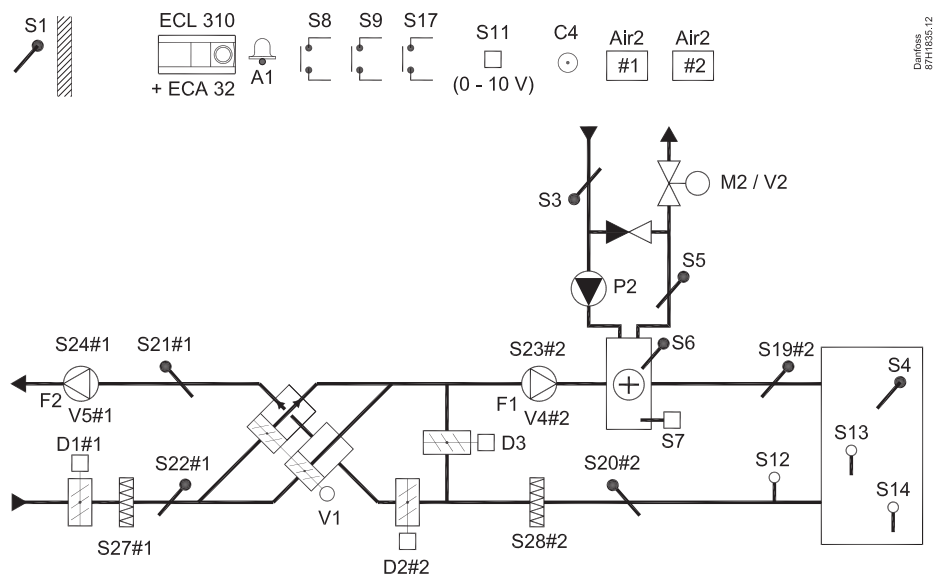
Danfoss
87H1833.12

A315.5, ex. c



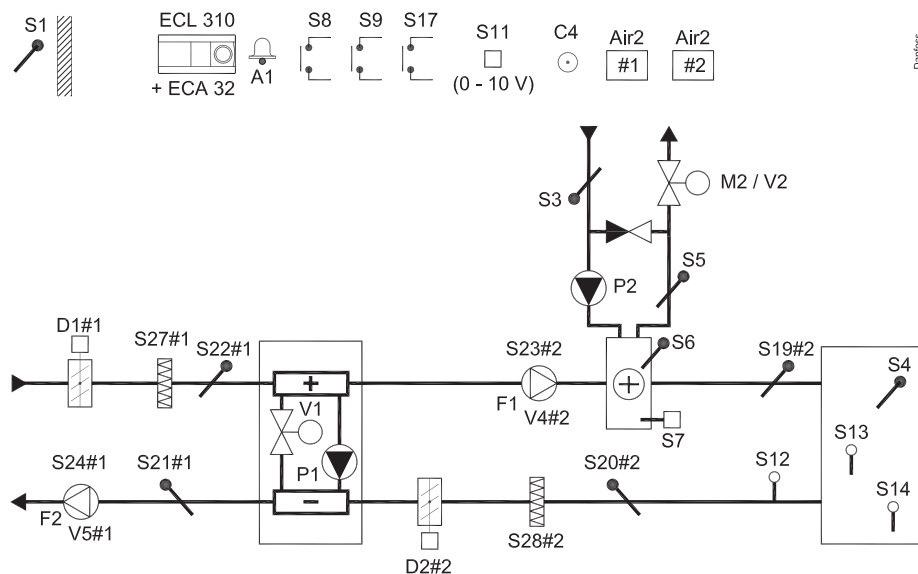
Danfoss
87H1834.12

A315.5, ex. d



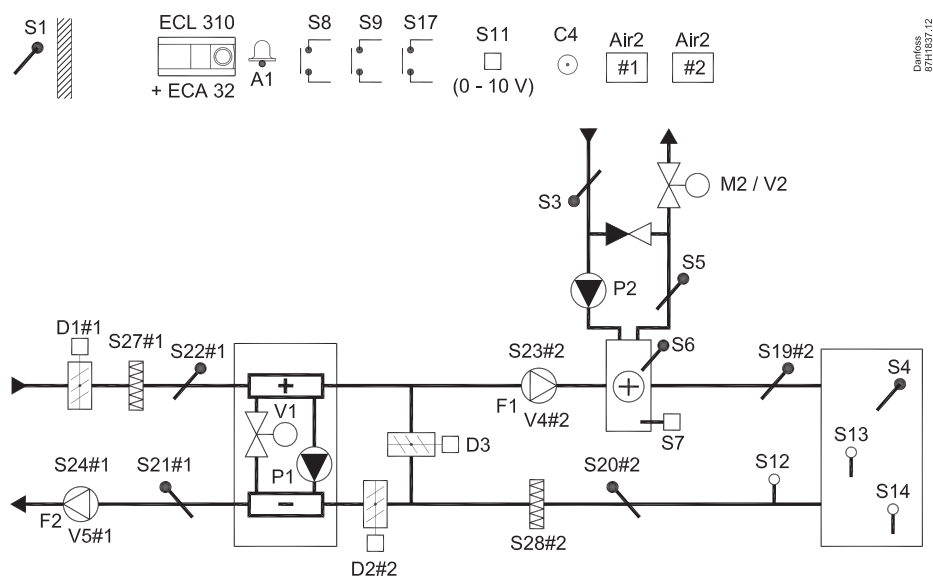
Danfoss
87H1836.12

A315.5, ex. e



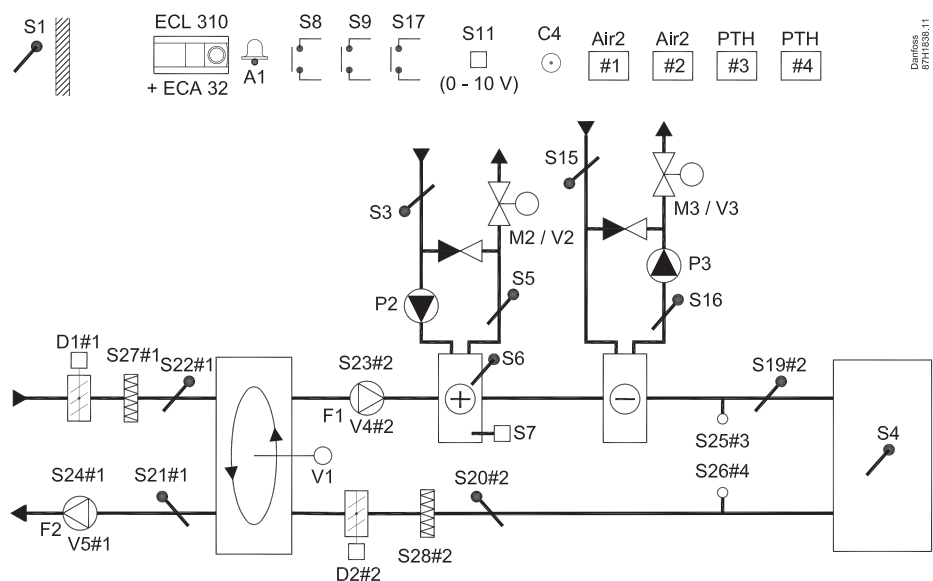
Danfoss
87H1836.12

A315.5, ex. f



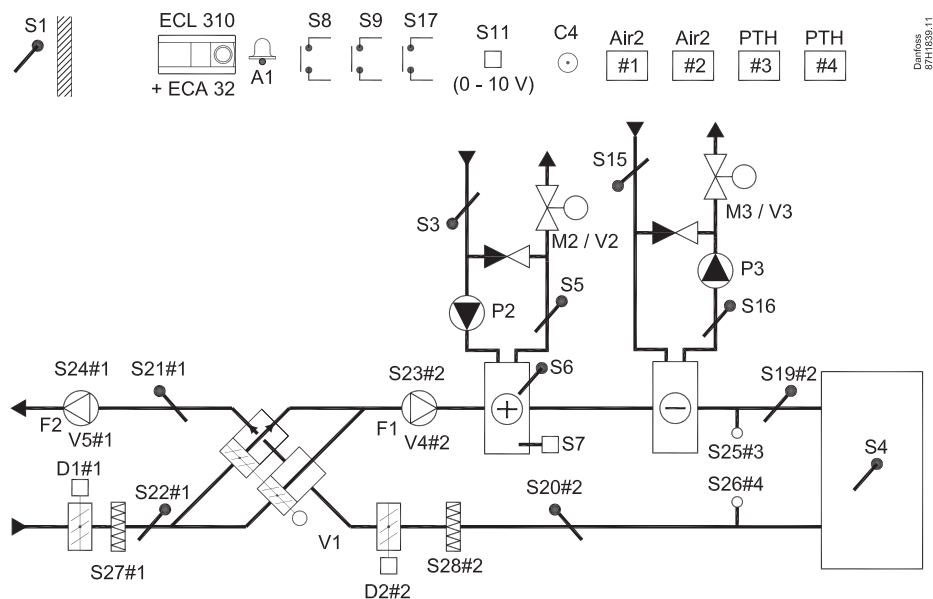
Danfoss
87H1837.12

A315.6, ex. a

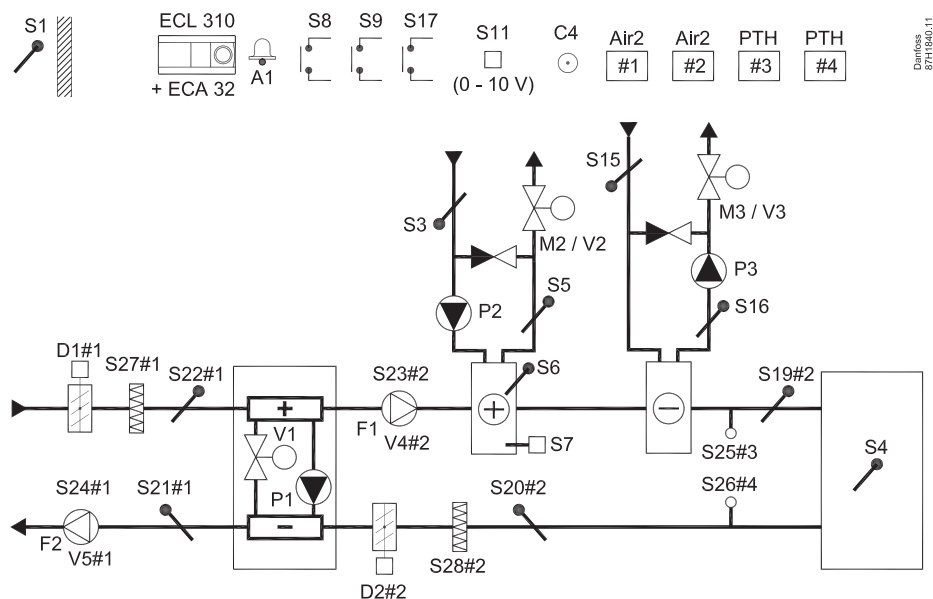


Danfoss
87H1838.11

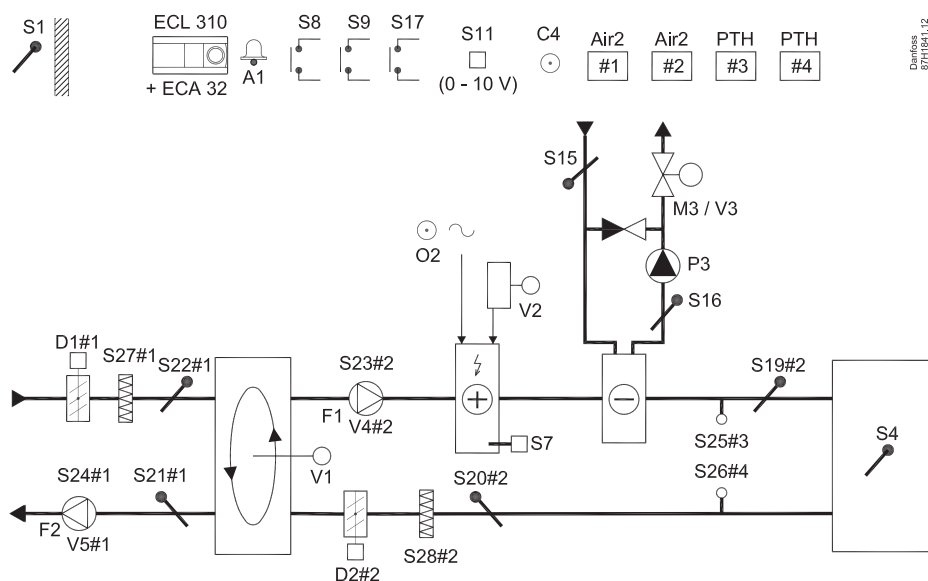
A315.6, ex. b



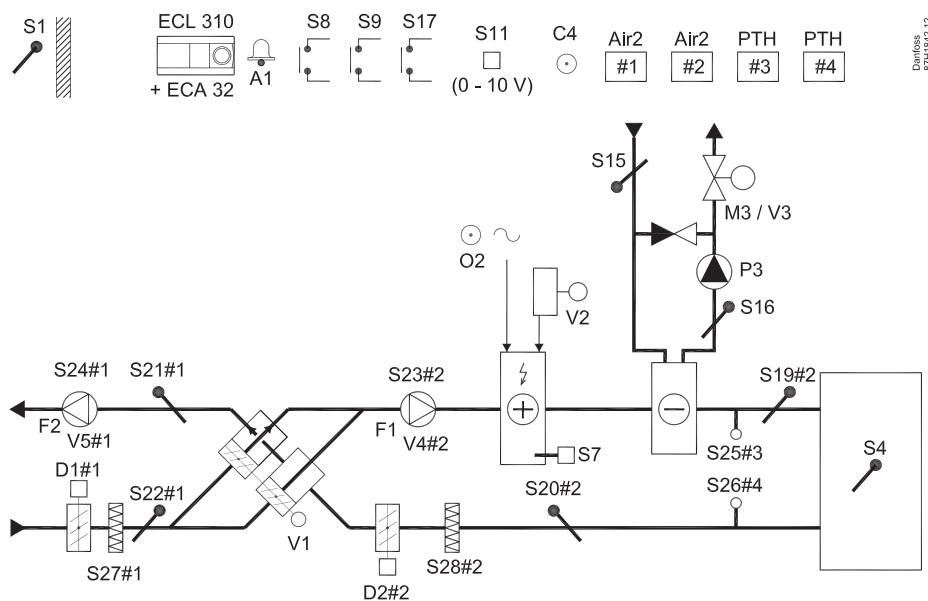
A315.6, ex. c



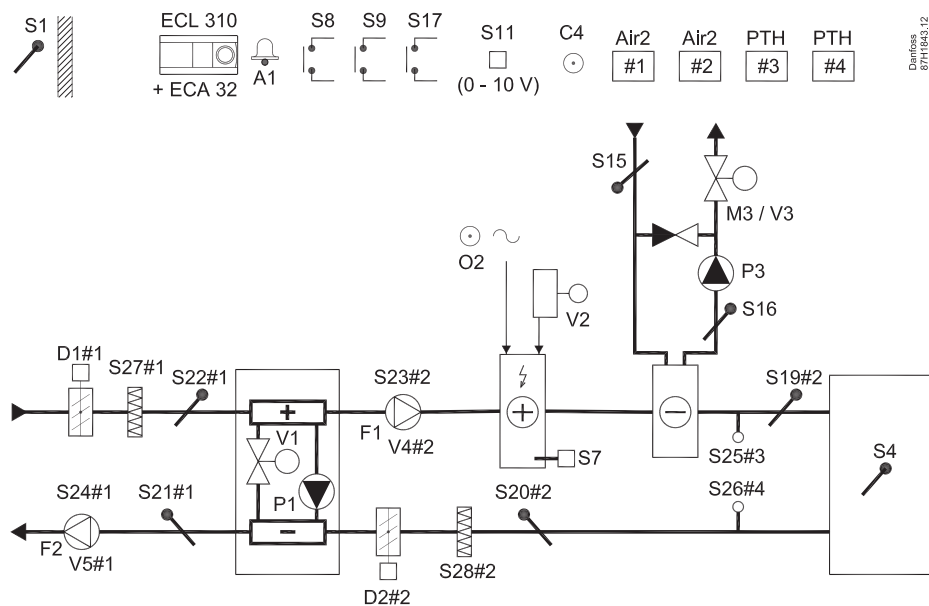
A315.10, ex. a



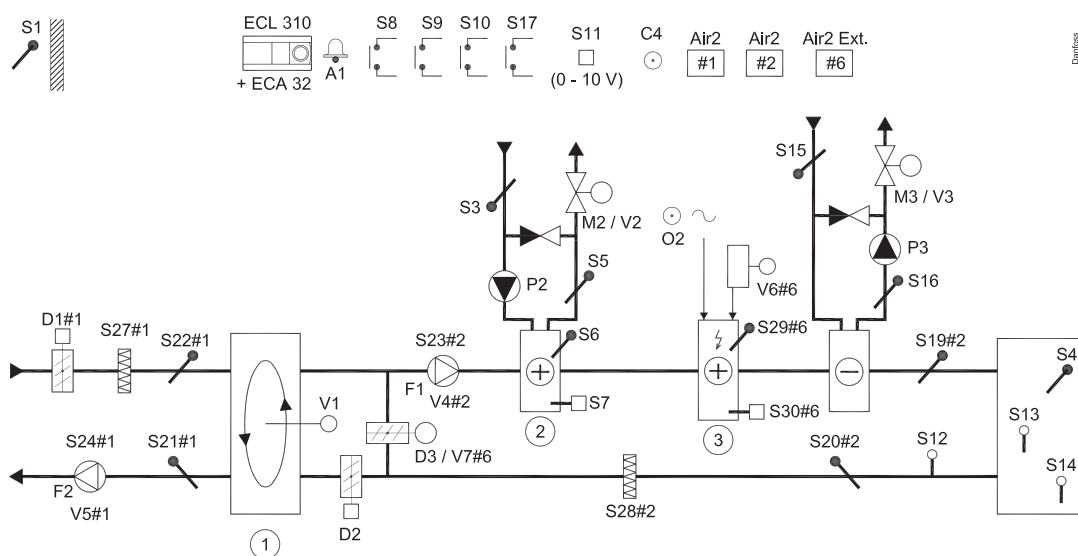
A315.10, ex. b



A315.10, ex. c

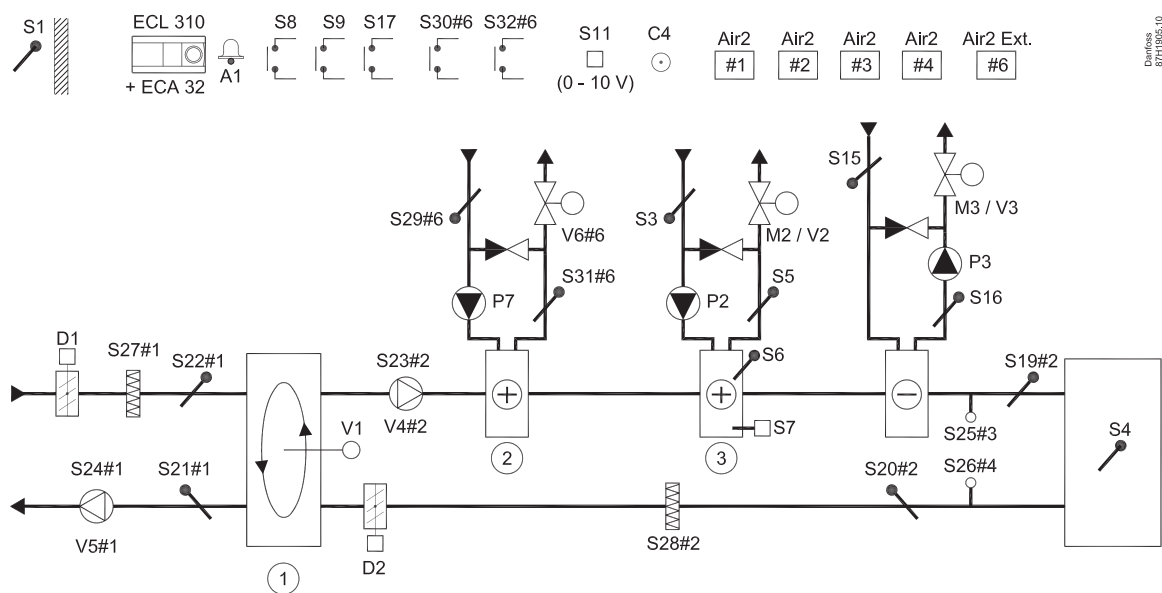


A315.11, ex. a

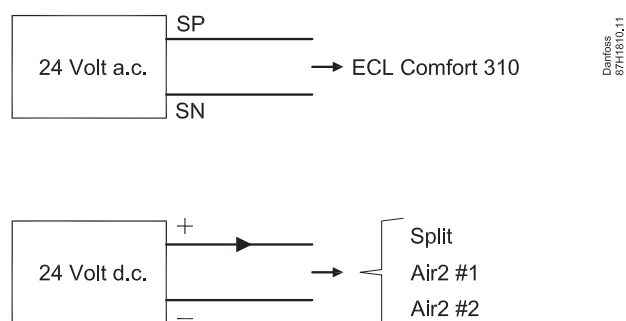


Installation Guide, ECL Comfort 310, A315, 24 V

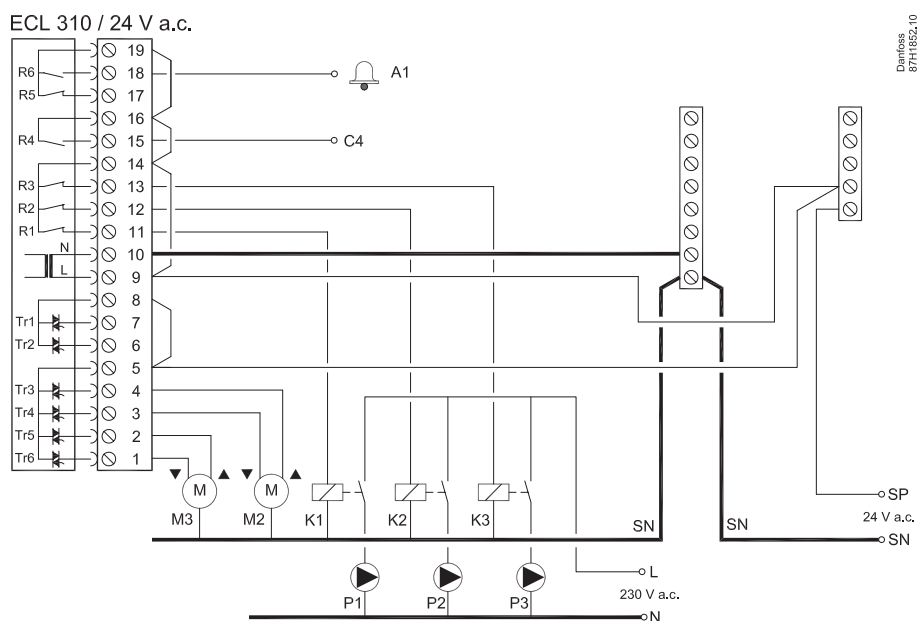
A315.12, ex. a



A315 24 Volt



A315 24 V a.c.



DK

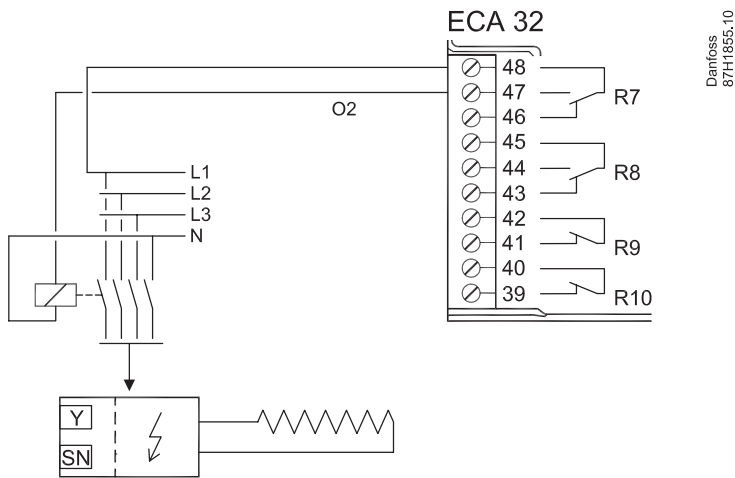


ECA 32

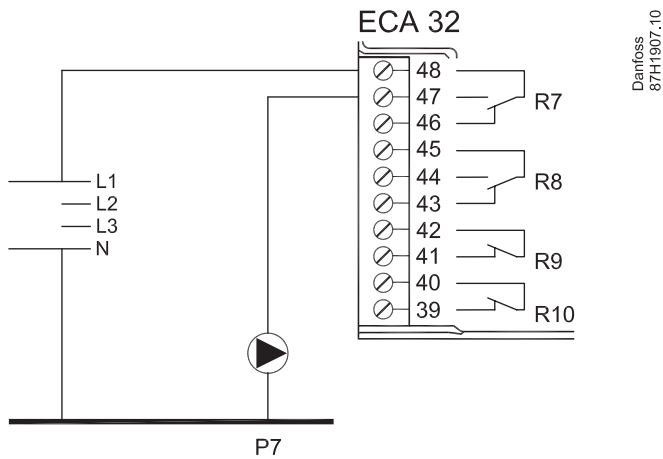
R7, R8, R9, R10

	R7	R8	R9	R10
A315.1			F1	
A315.3		D3	F1	F2
A315.4		D3	F1	F2
A315.5		D3	F1	F2
A315.6			F1	F2
A315.10	O2		F1	F2
A315.11	O2	D3	F1	F2
A315.12	P7		F1	F2

ECL 310, ECA 32
O2
A315.10, A315.11



ECL 310, ECA 32
R7
A315.12



ECL 310, 24 V a.c

	M1	M2	M3		V1	V2	V3
A315.1		x			x	x	
A315.3		x			x	x	
A315.4		x			x	x	
A315.5		x			x	x	
A315.6		x	x		x	x	x
A315.10			x		x	x	x
A315.11		x	x		x	x	x
A315.12		x	x		x	x	x

ECL 310, 24 V a.c.

		ex. a	ex. b	ex. c	ex. d	ex. e	ex. f
A315.1	P2	x	x				
	P3	x	x				
A315.3 / A315.4 / A315.5	P1					x	x
	P2	x	x	x	x	x	x
A315.6	P1			x			
	P2	x	x	x			
	P3	x	x	x			
A315.10	P1			x			
	P2						
	P3	x	x	x			
A315.11	P2	x					
	P3	x					
A315.12	P2	x					
	P3	x					

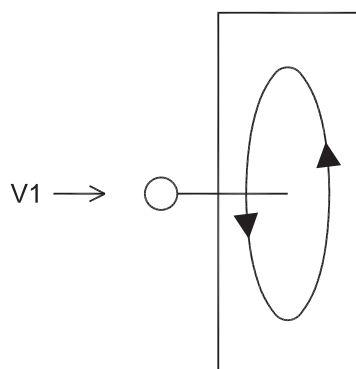
A315.3, A315.4, A315.5, A315.6, A315.10, A315.11, A315.12



A / B ?

A:

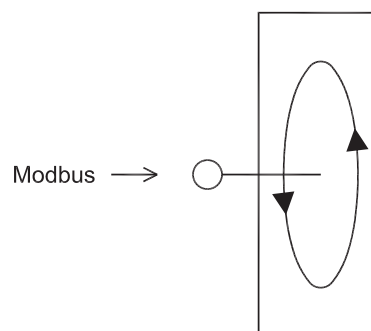
ECL 310 + ECA 32



Danfoss
87H1856.10

B:

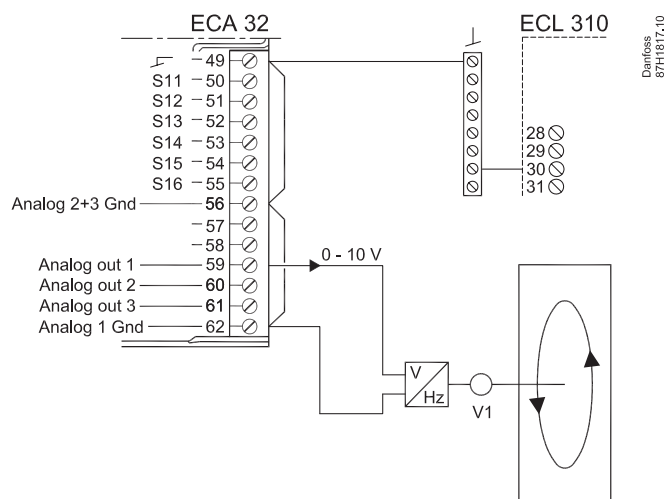
ECL 310 + DHRX #5



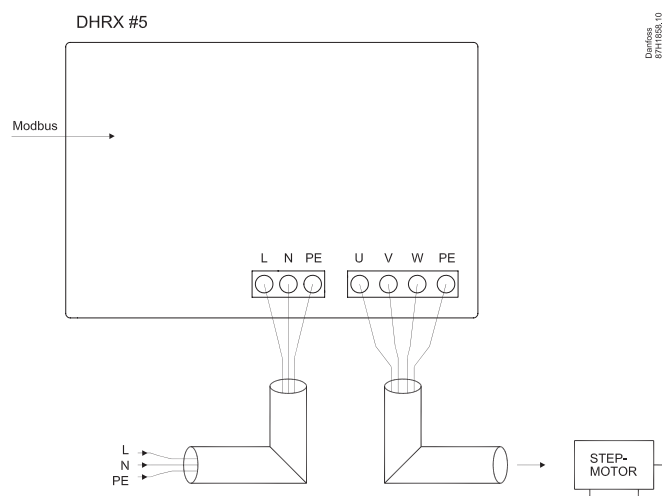
Danfoss
87H1857.10

Installation Guide, ECL Comfort 310, A315, 24 V

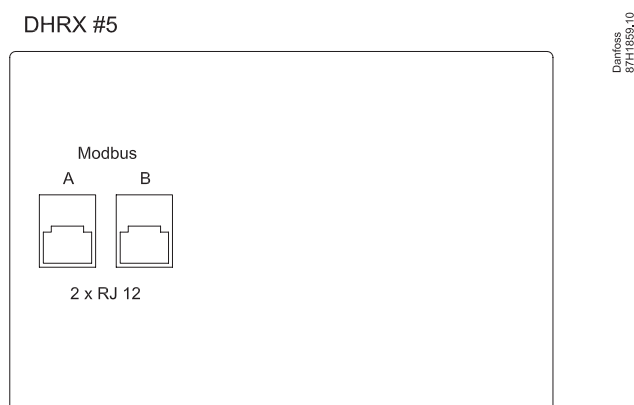
A:
ECA 32
V1
A315.3, A315.4, A315.5, A315.6, A315.10, A315.11, A315.12



B:
DHRX #5
V1
A315.3, A315.4, A315.5, A315.6, A315.10, A315.11, A315.12



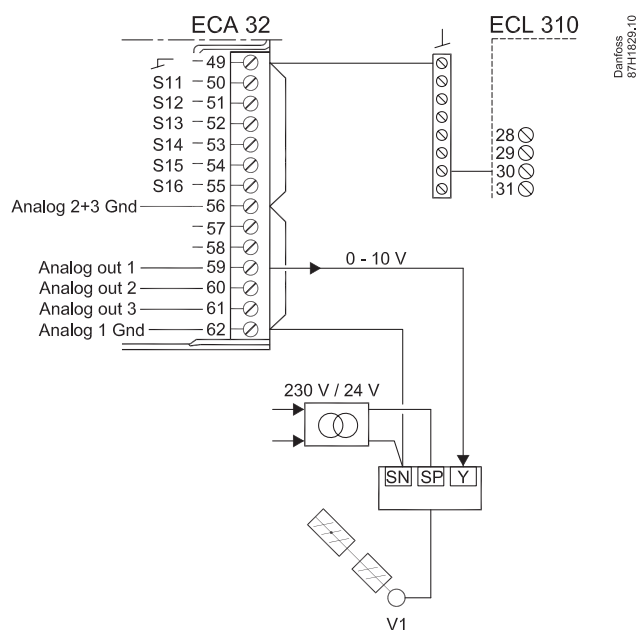
Modbus



ECA 32

V1

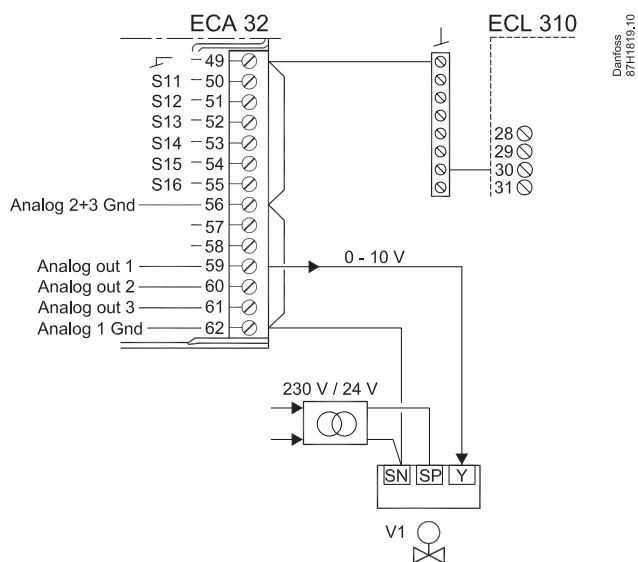
A315



ECA 32

V1

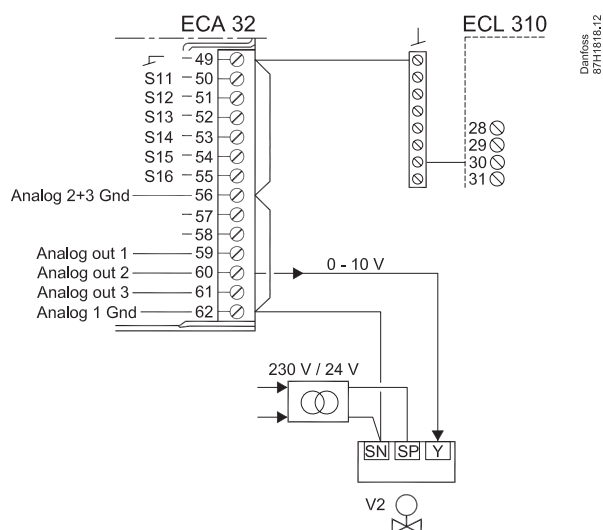
A315



ECA 32

V2

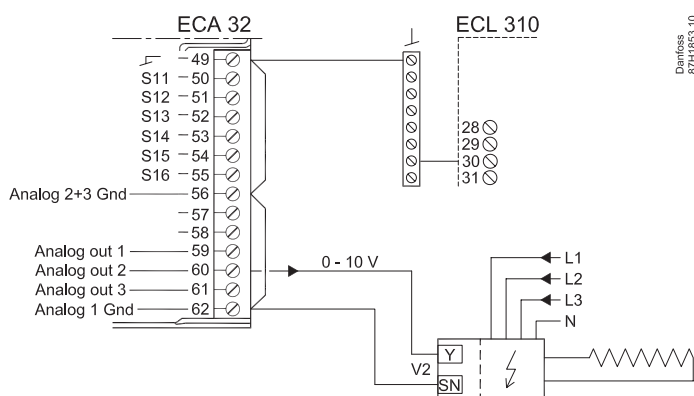
A315.1, A315.3, A315.4, A315.5, A315.6



ECA 32

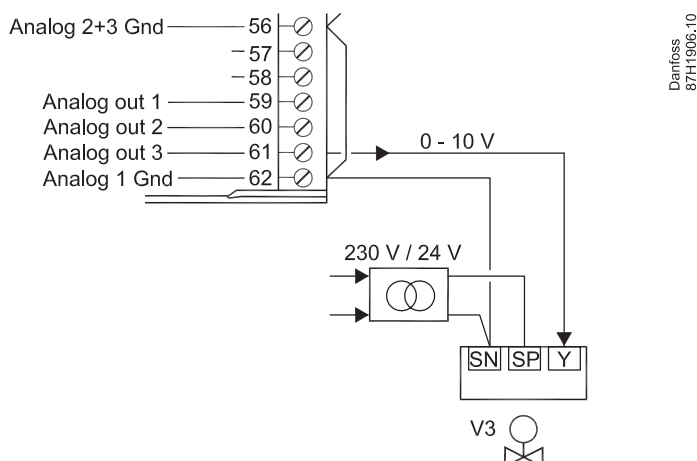
V2

A315.10, A315.11



ECA 32

V3



A315

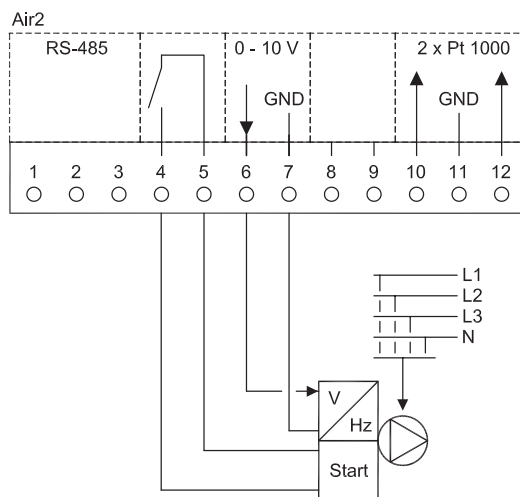
#1, #2, #3, #4, #6

	S19	S20	S21	S22	S23	S24	S25	S26
A315.1	#2			#1	#2		#3	
A315.3	#2	#2	#1	#1	#2	#1	#3	#4
A315.4	#2	#2	#1	#1	#2	#1	#3	#4
A315.5	#2	#2	#1	#1	#2	#1		
A315.6	#2	#2	#1	#1	#2	#1	#3	#4
A315.10	#2	#2	#1	#1	#2	#1	#3	#4
A315.11	#2	#2	#1	#1	#2	#1		
A315.12	#2	#2	#1	#1	#2	#1	#3	#4

	S27	S28	S29	S30	S31	S32
A315.1		#2				
A315.3	#1	#2				
A315.4	#1	#2				
A315.5	#1	#2				
A315.6	#1	#2				
A315.10	#1	#2				
A315.11	#1	#2	#6	#6		
A315.12	#1	#2	#6	#6	#6	#6

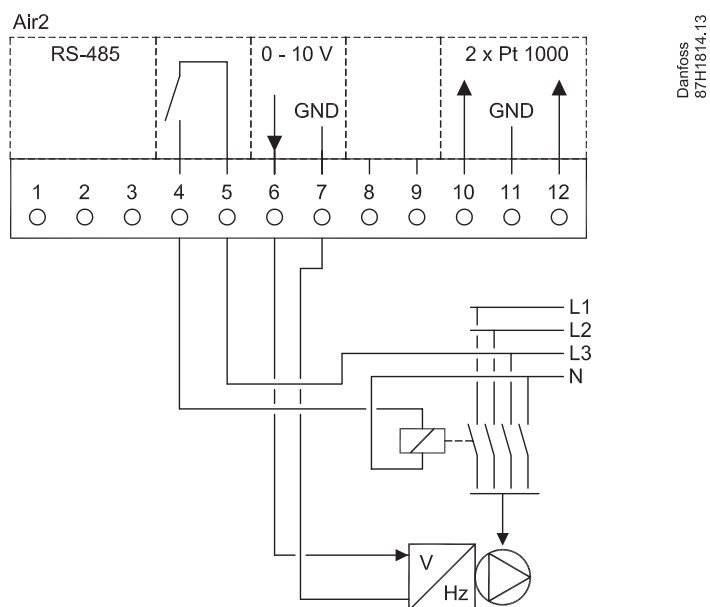
A315

F1, F2

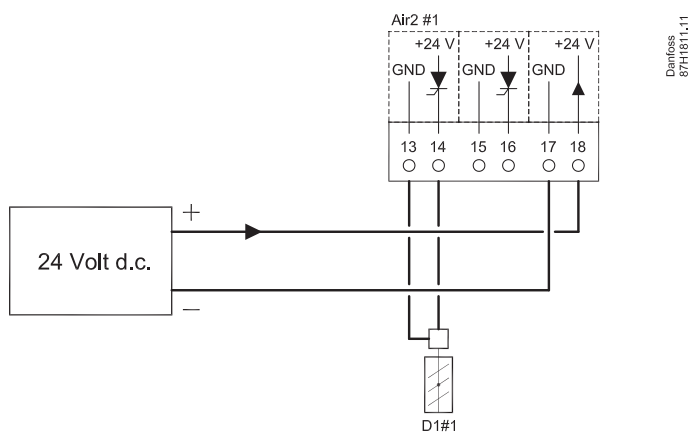


Danfoss
87H1813.12

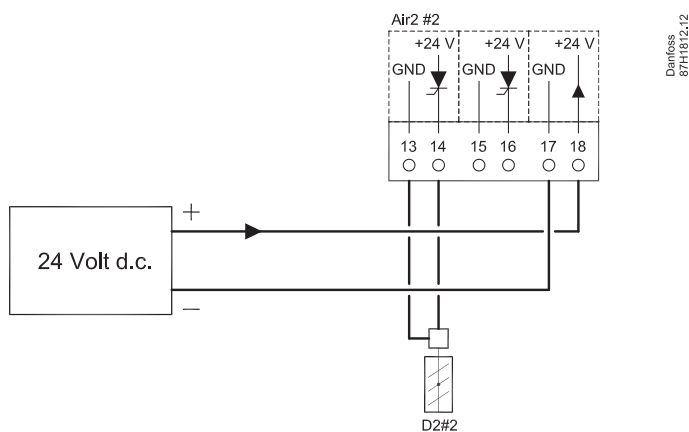
A315
F1, F2



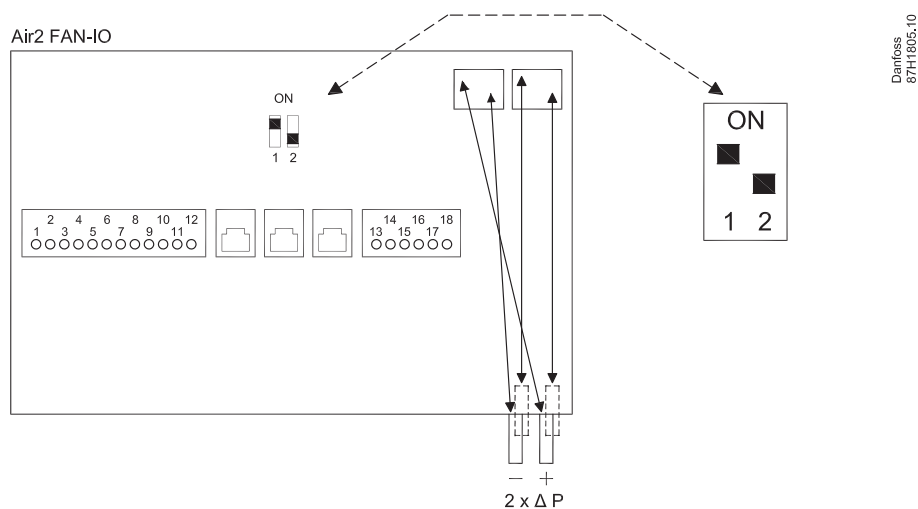
A315
D1#1



A315
D2#2

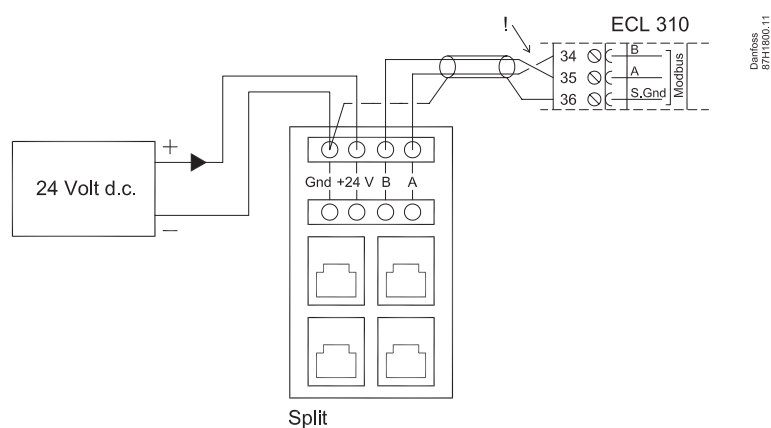


Air2 #1, Air2 #2



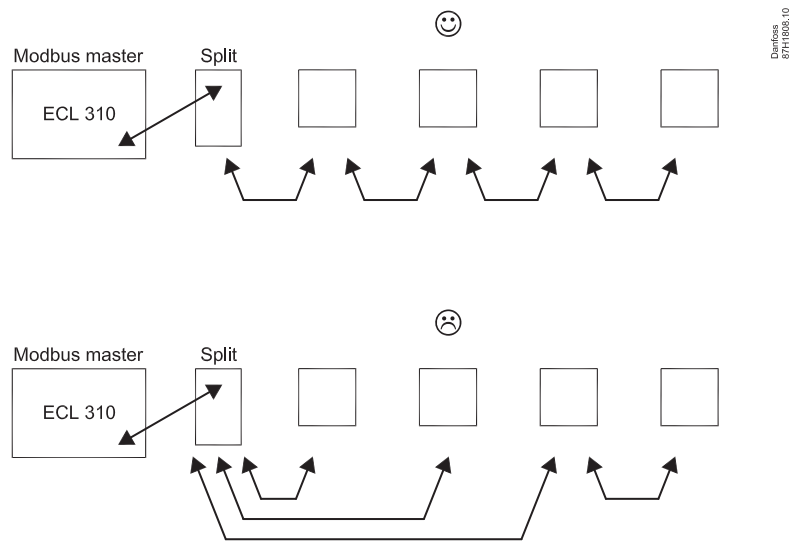
		Address		(= HEX)
A315	Air2 #1	1 2 Dantloss 87H1B07.10	1 = ON 2 = OFF	"54"
	Air2 #2	1 2 Dantloss 87H1B06.10	1 = ON 2 = ON	"55"

Modbus, ECL 310 - Split

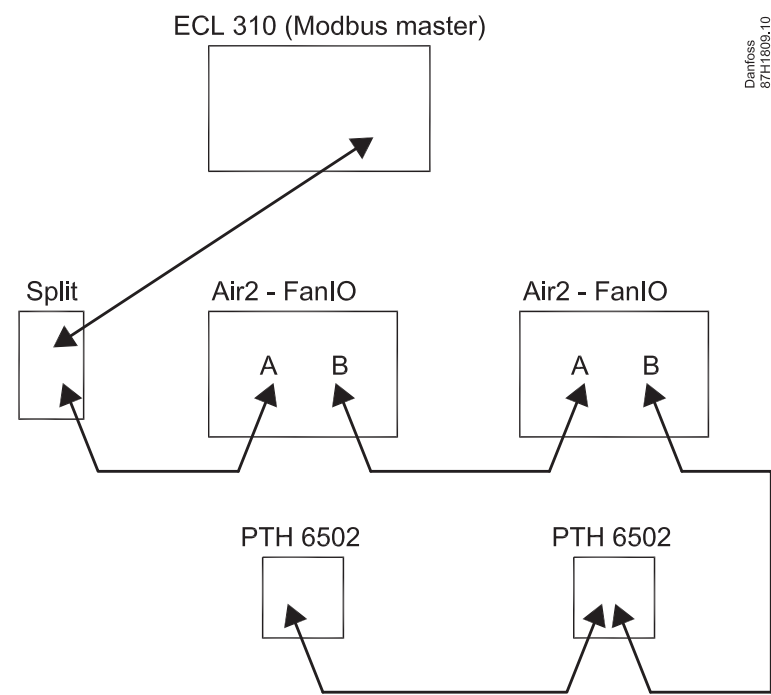


Modbus:
ECL 310 (A) -> Split (B)
ECL 310 (B) -> Split (A)

Modbus

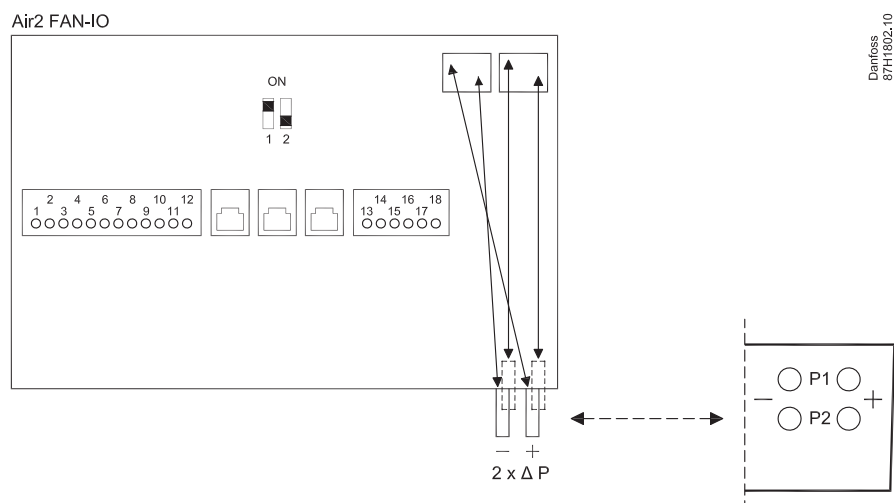


Modbus

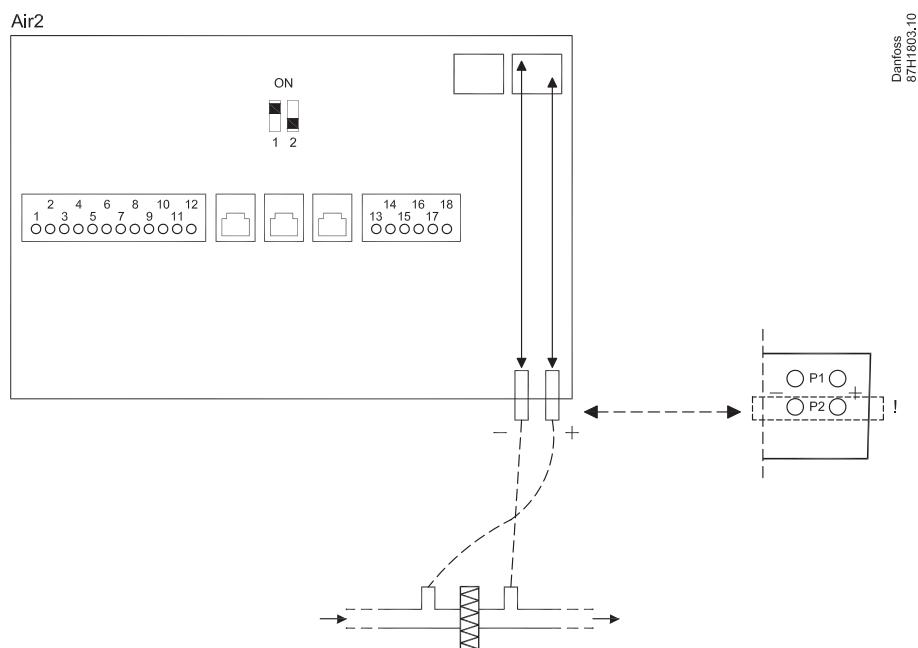


A315

Air2 #1, Air2 #2

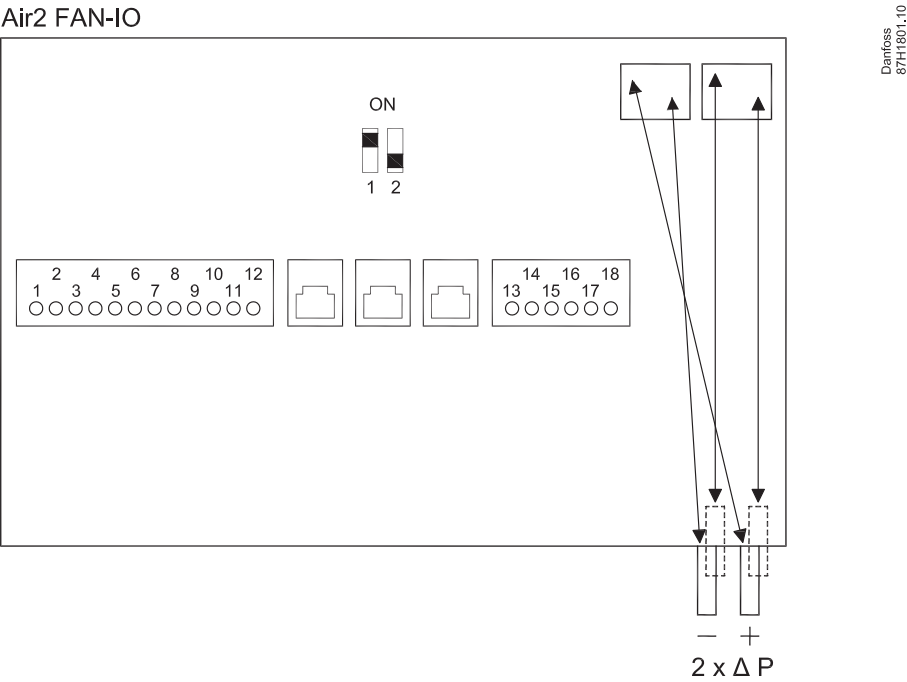


S27#1, S28#2

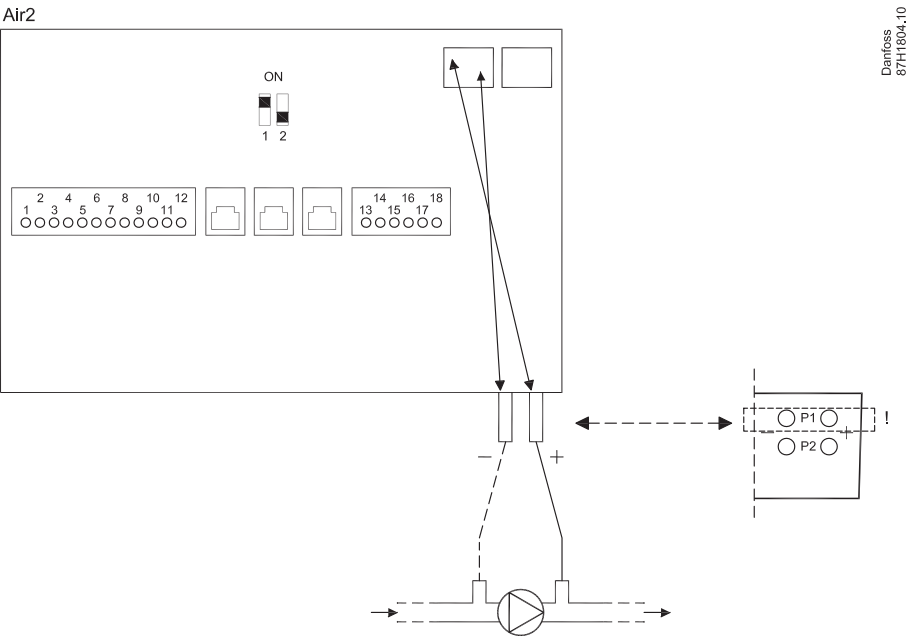


	Air2 #1	Air2 #2
S27#1	P2	
S28#2		P2

Air2 #1, Air2 #2



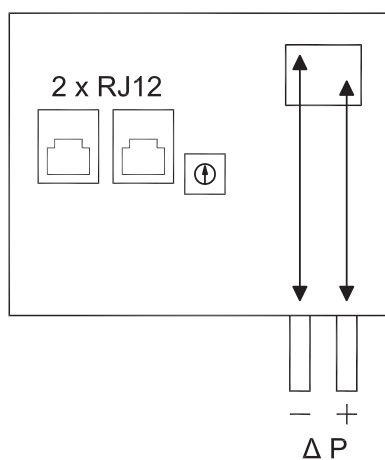
S24#1, S23#2



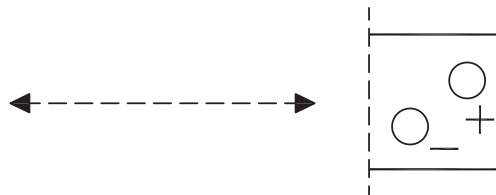
	Air2 #1	Air2 #2
S24#1 (F2)	P2	
S23#2 (F1)		P1

PTH #3, PTH #4

PTH 6502

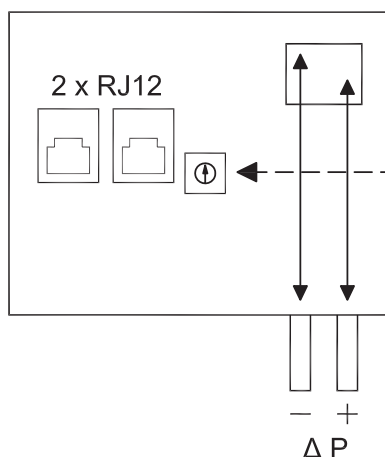


Danfoss
87H1795.10

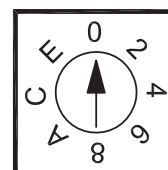


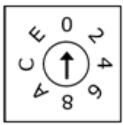
PTH #3, PTH #4

PTH #x (PTH 6502)

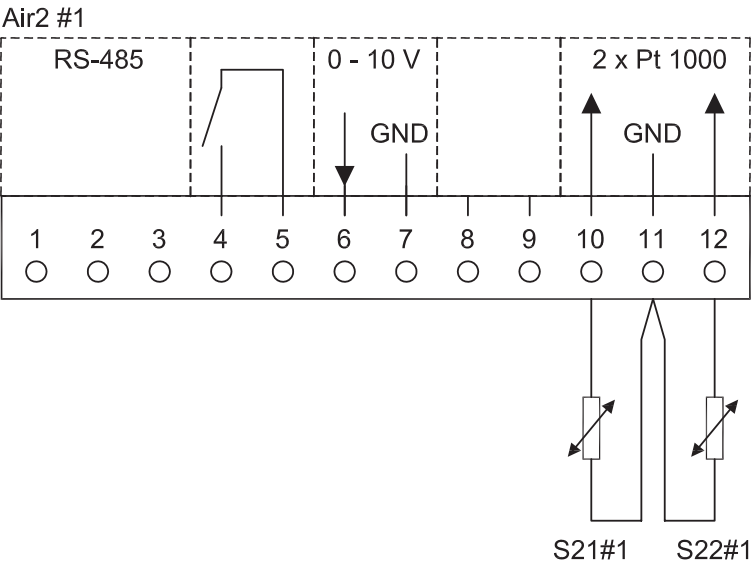


Danfoss
87H1798.10



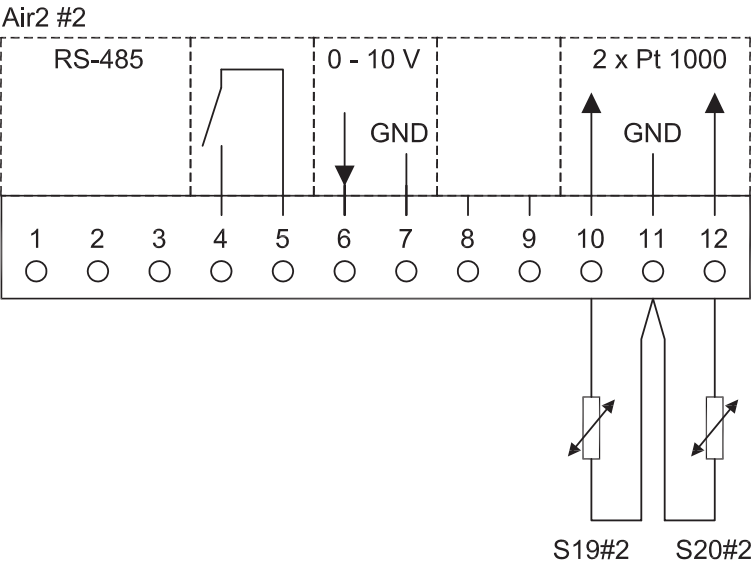
		Address 	(= HEX)
A315	PTH #3	"0"	"59"
	PTH #4	"1"	"56"

S21#1, S22#1



Danfoss
87H1816.12

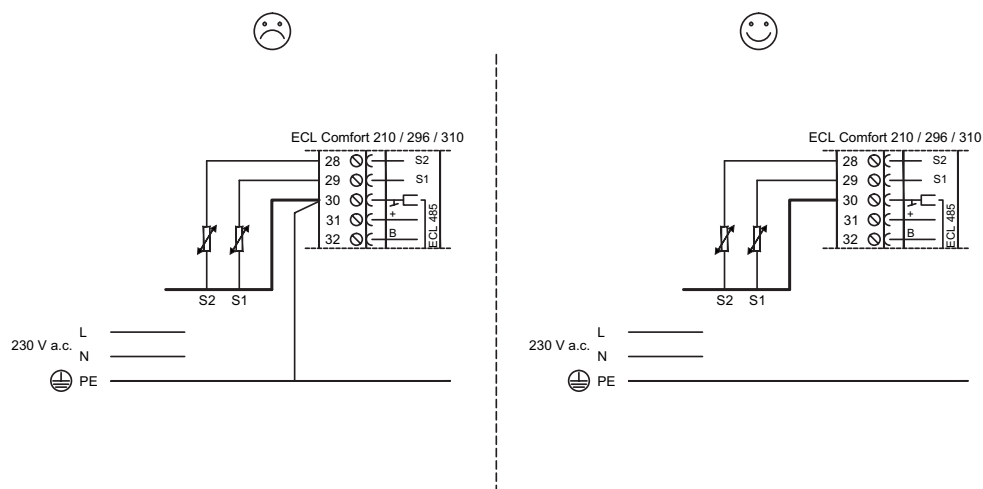
S19#2, S20#2



Danfoss
87H1815.12

Installation Guide, ECL Comfort 310, A315, 24 V

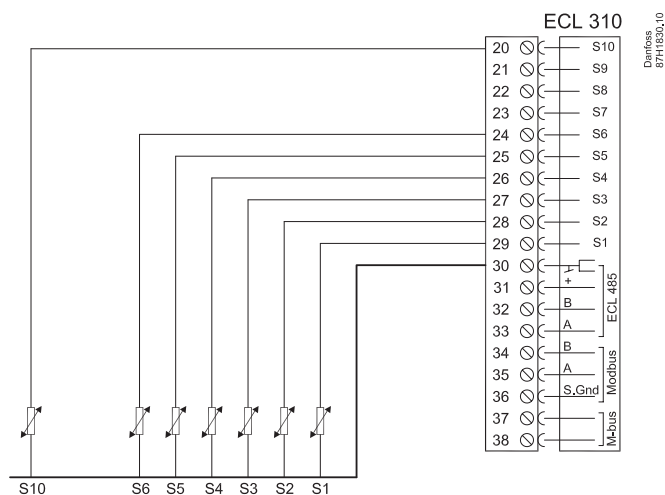
Pt 1000 (1000 Ω / 0 °C)



Danfoss
87H1487/11

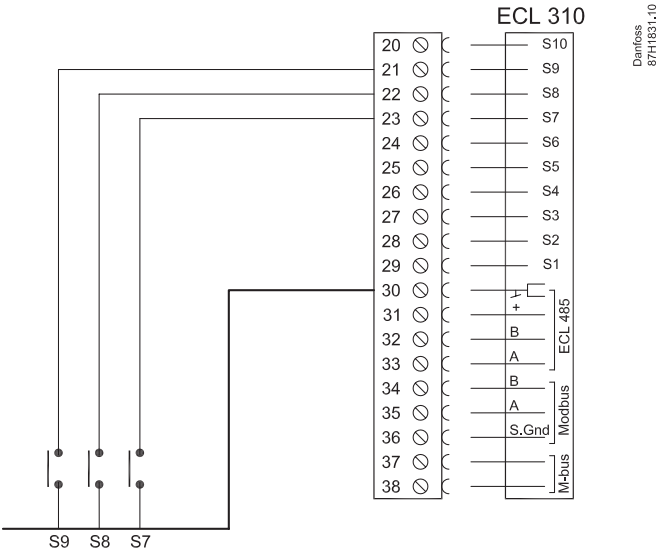
A315, ECL 310

S1 - S6, S10



Danfoss
87H1830/10

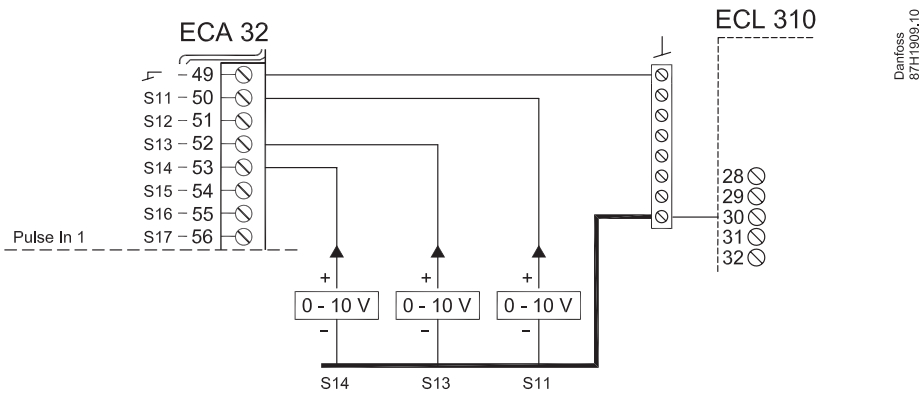
A315, ECL 310
S7 - S9



A315, ECL 310
ECA 32

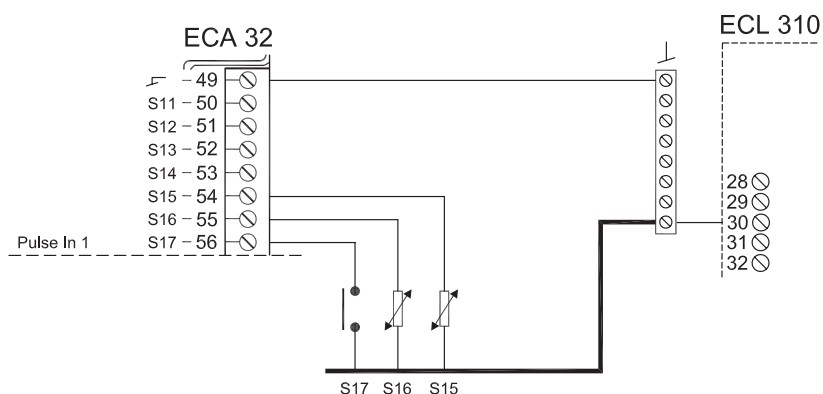
	S11	S12	S13 (Air PPM)	S14 (RH %)	S15	S16	S17
A315.1	0 - 10 V		0 - 10 V	0 - 10 V	Pt 1000	Pt 1000	
A315.3							
A315.4							
A315.5			0 - 10 V	0 - 10 V			
A315.6					Pt 1000	Pt 1000	
A315.10					Pt 1000	Pt 1000	
A315.11			0 - 10 V	0 - 10 V	Pt 1000	Pt 1000	
A315.12					Pt 1000	Pt 1000	

A315, ECL 310
ECA 32, S11, S13, S14



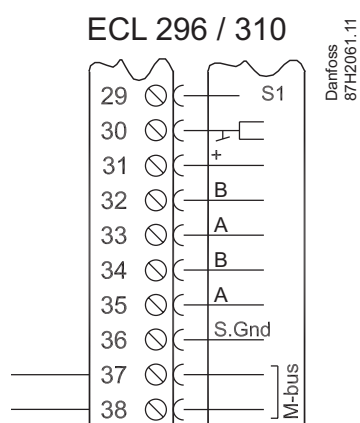
A315, ECL 310

ECA 32, S15, S16, S17

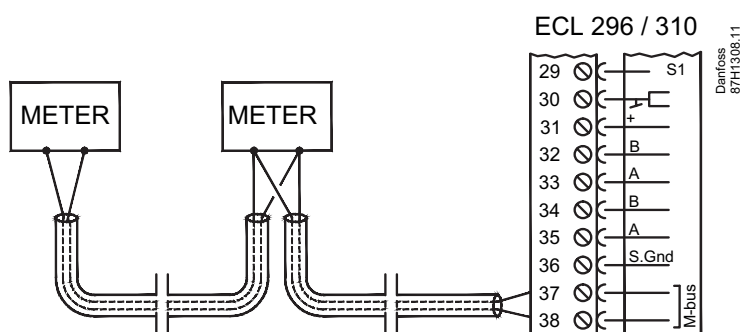


Danfoss
87H1908.10

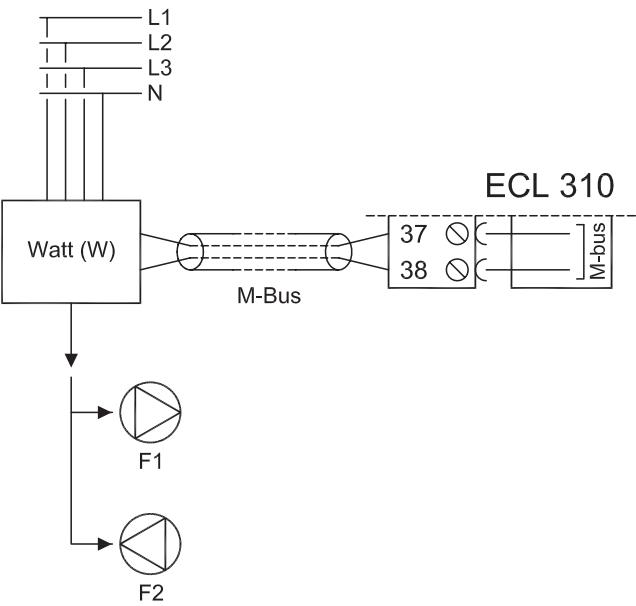
M-bus



M-bus

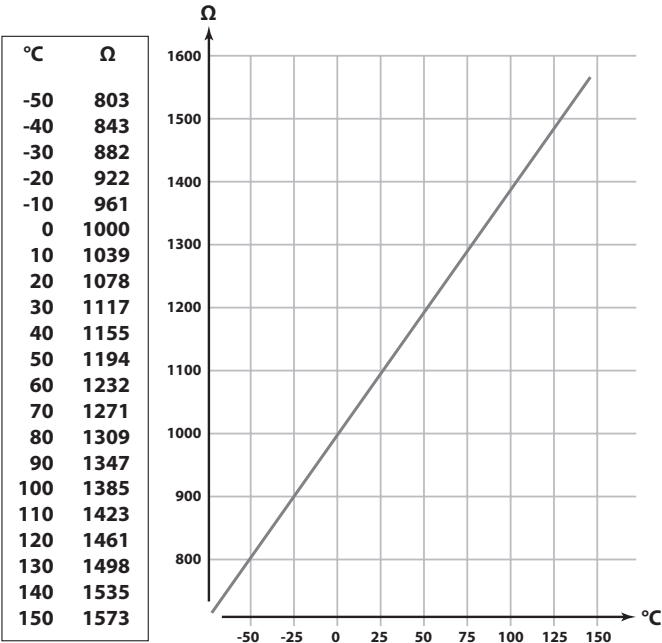


A315
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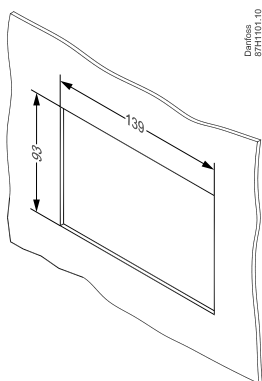
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Pt 1000 (IEC 751B, 1000 Ω / 0 $^{\circ}\text{C}$)

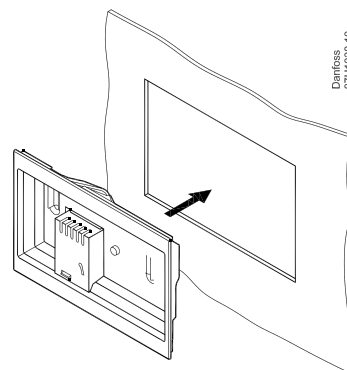


ECA 30

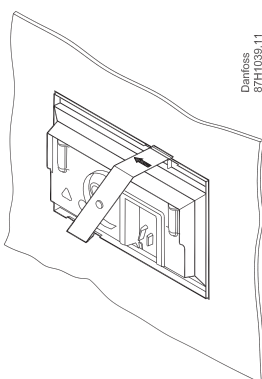
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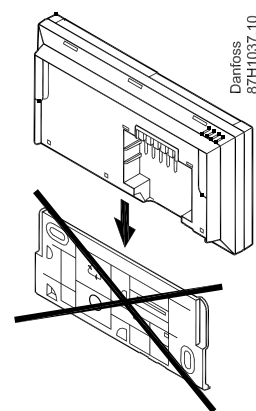
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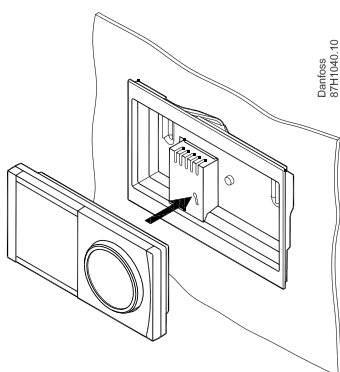
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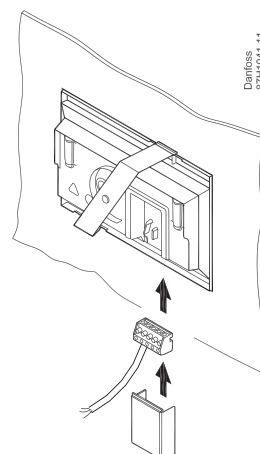
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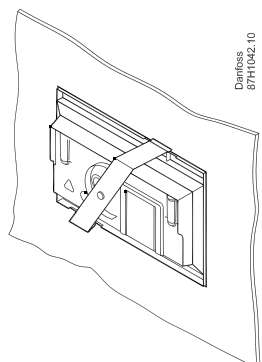
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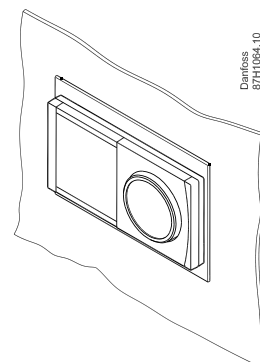
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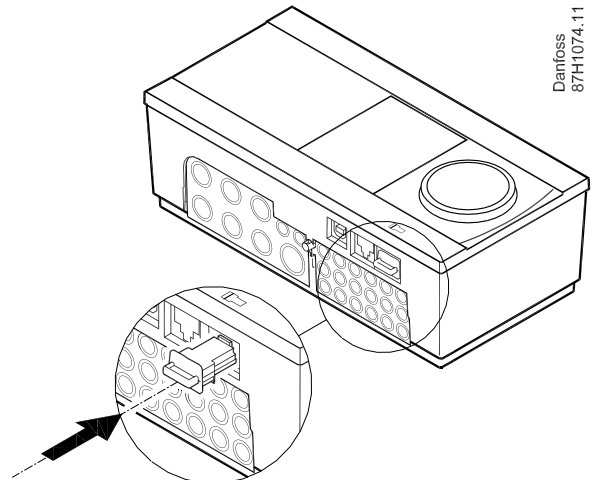
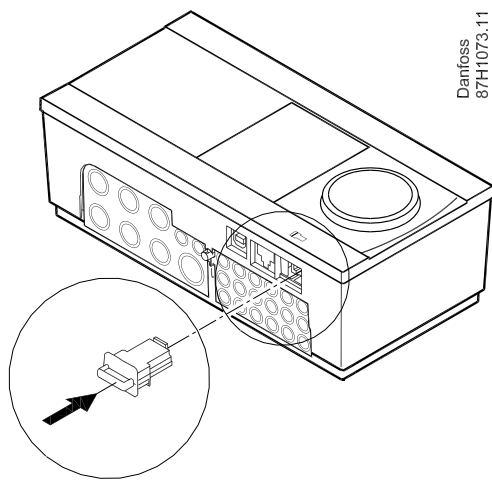
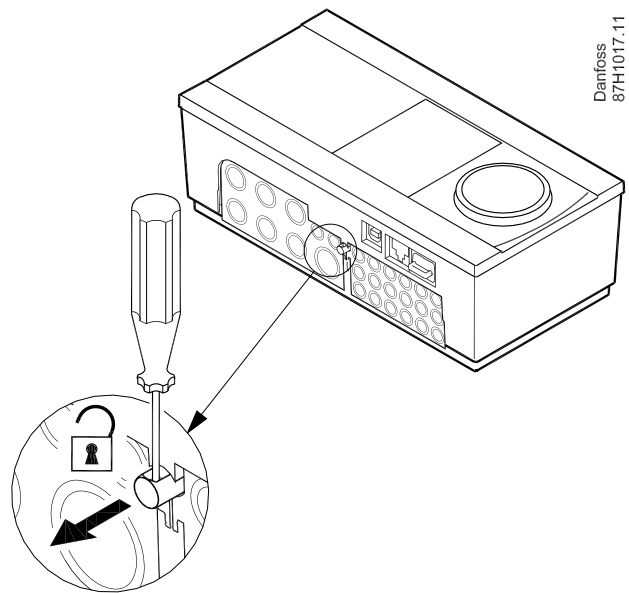
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8



Installation Guide, ECL Comfort 310, A315, 24 V



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?  **<https://www.youtube.com/user/DanfossHeating>**
-> Playlists -> How-to Videos -> District Energy installation videos



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