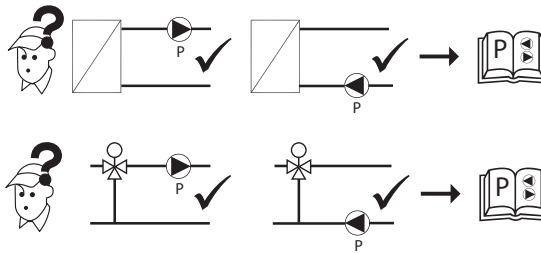
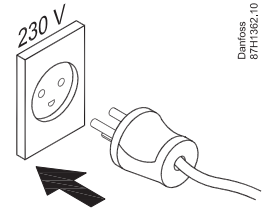
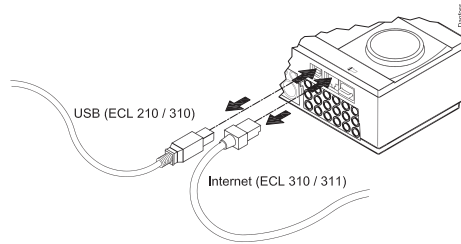
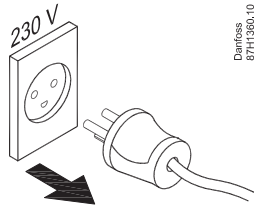
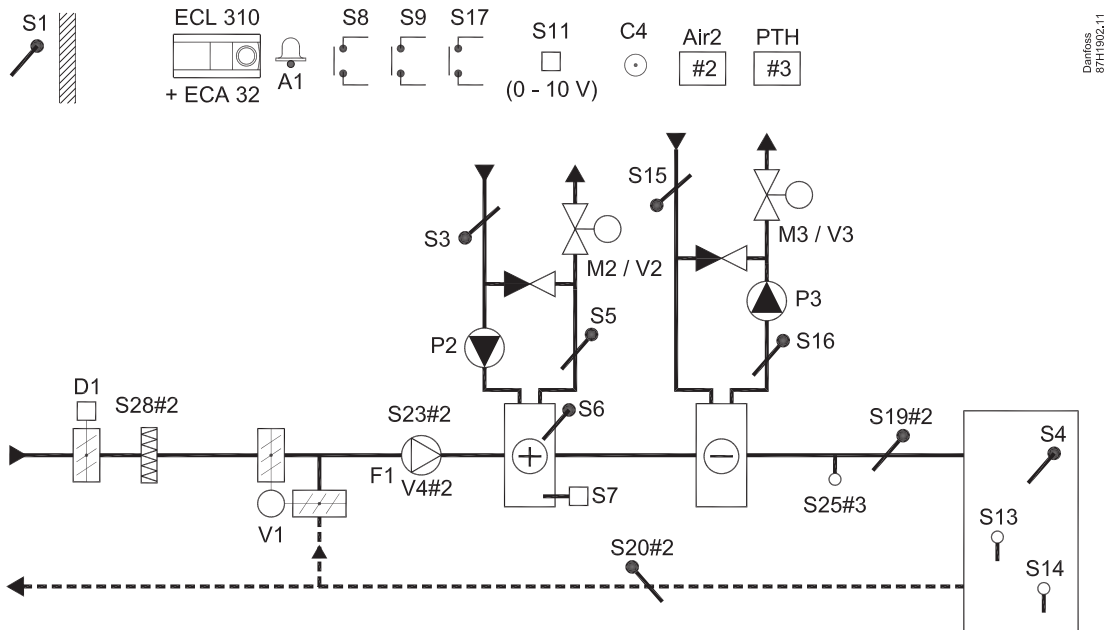


Installation Guide

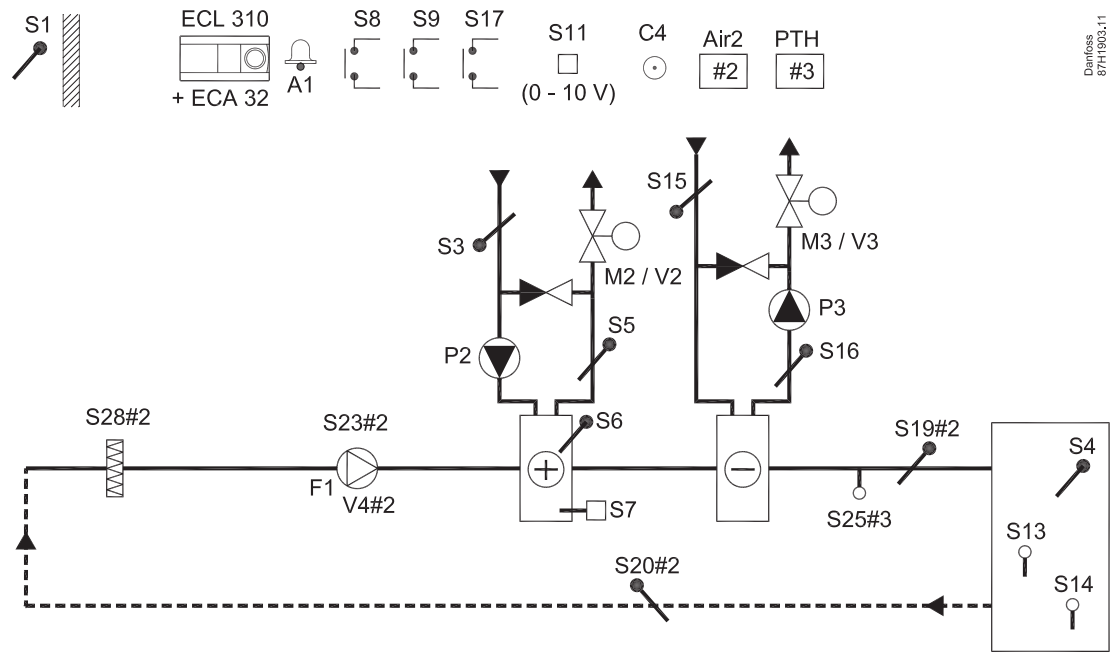
ECL Comfort 310, A315, 24 V (code no. 087H3846)



A315.1, ex. a

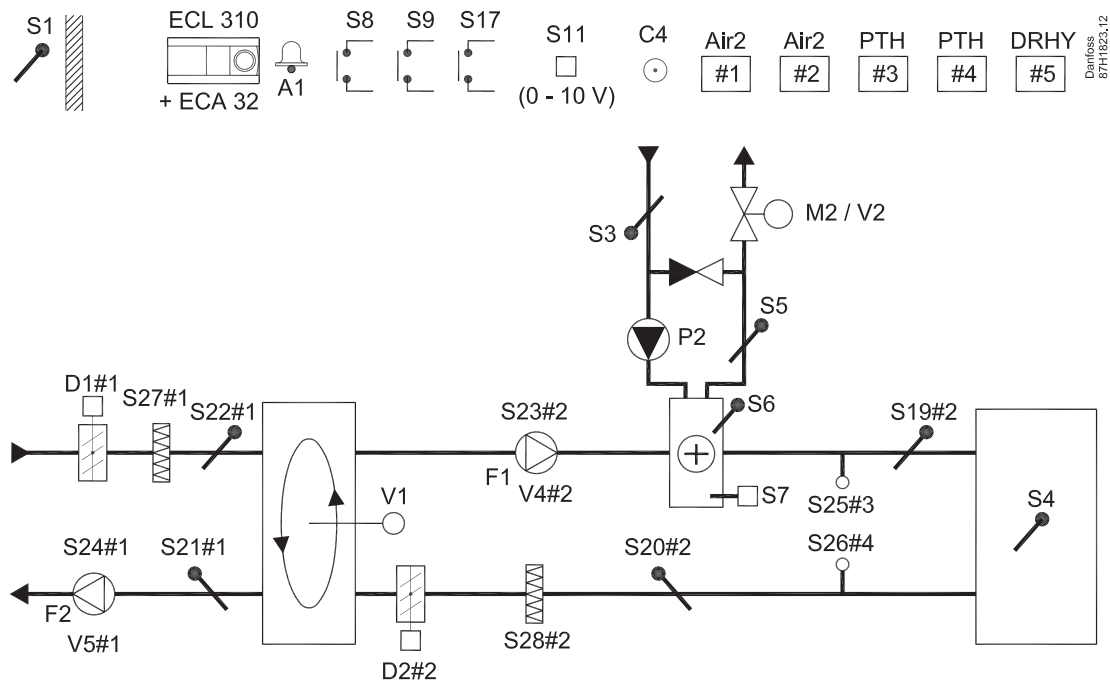


A315.1, ex. b



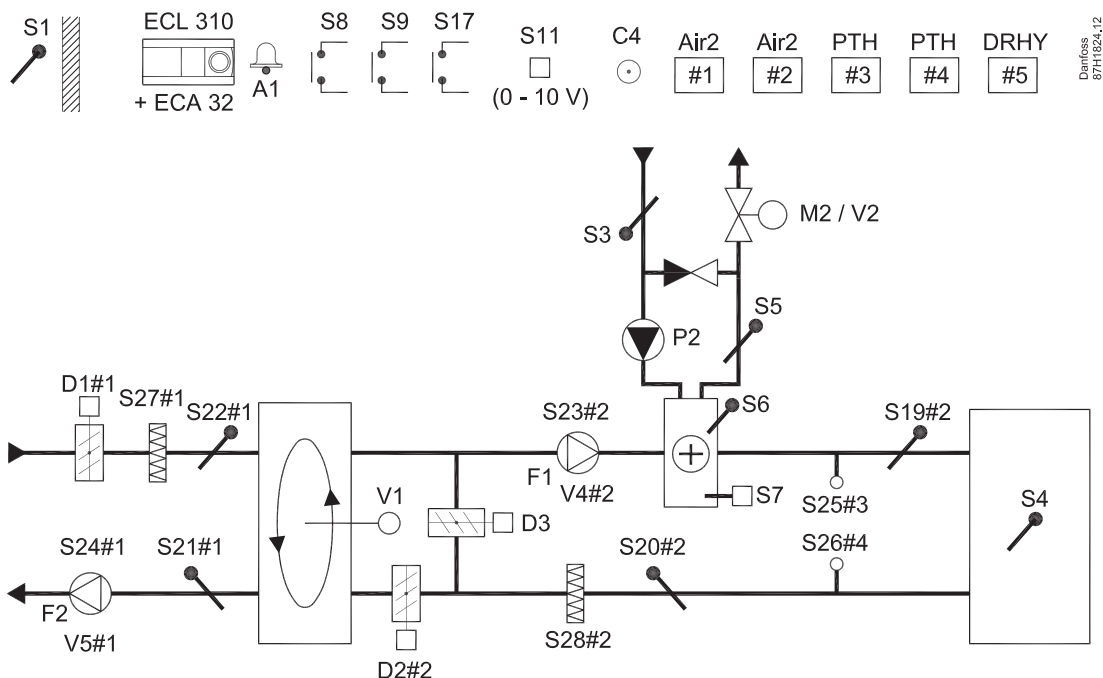
A315.3, A315.4, ex. a

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



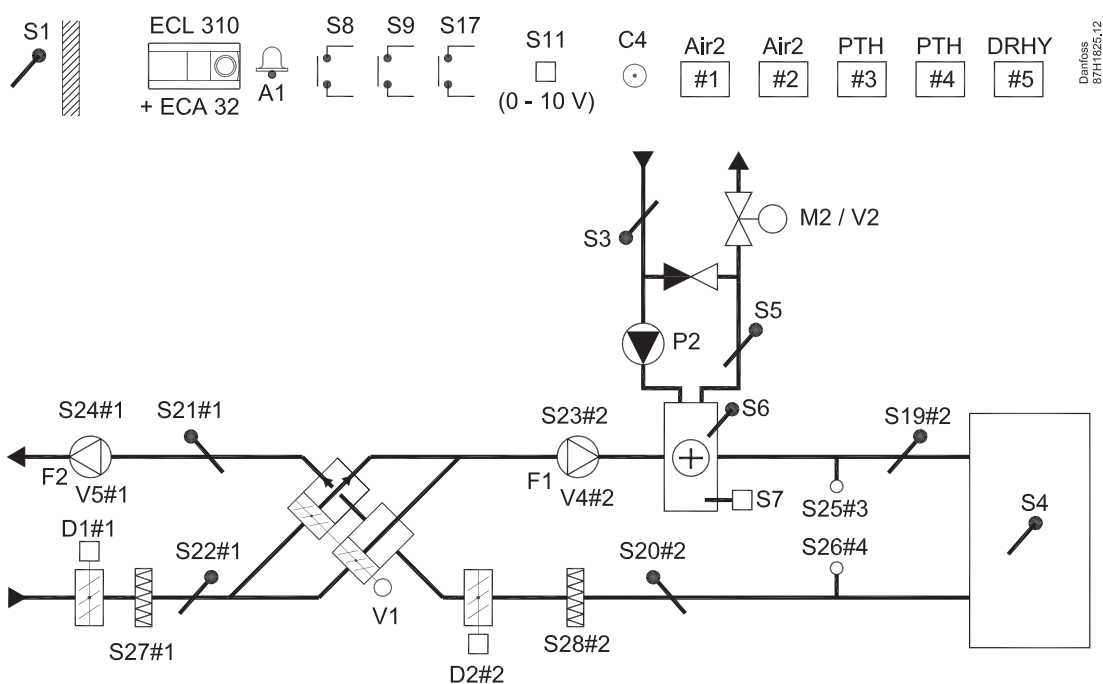
A315.3, A315.4, ex. b

	F1 + F2
A315.3	Pa
A315.4	m ³ /h / Pa



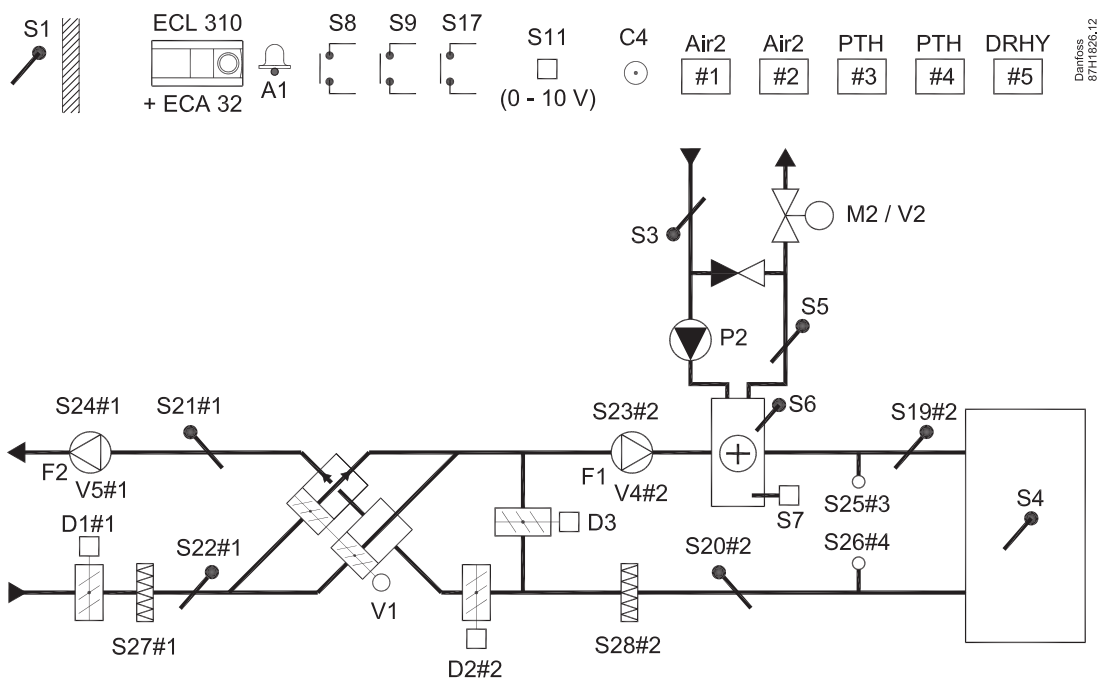
A315.3, A315.4, ex. c

	F1 + F2
A315.3	Pa
A315.4	m ³ /h / Pa



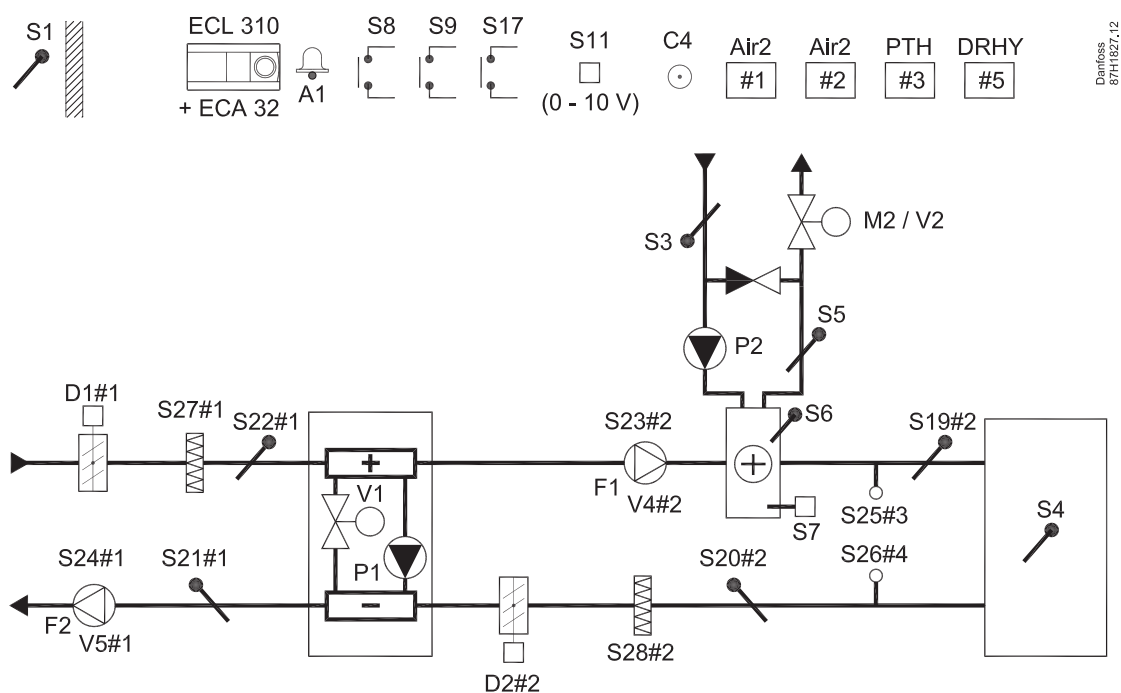
A315.3, A315.4, ex. d

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



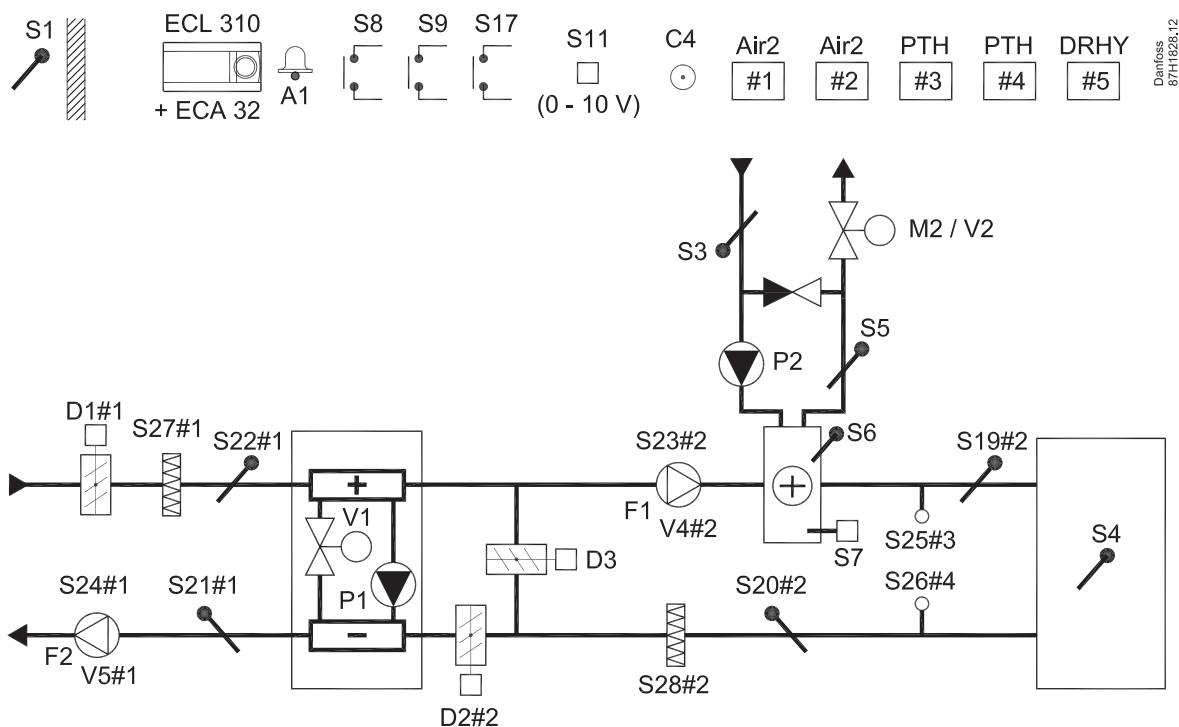
A315.3, A315.4, ex. e

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

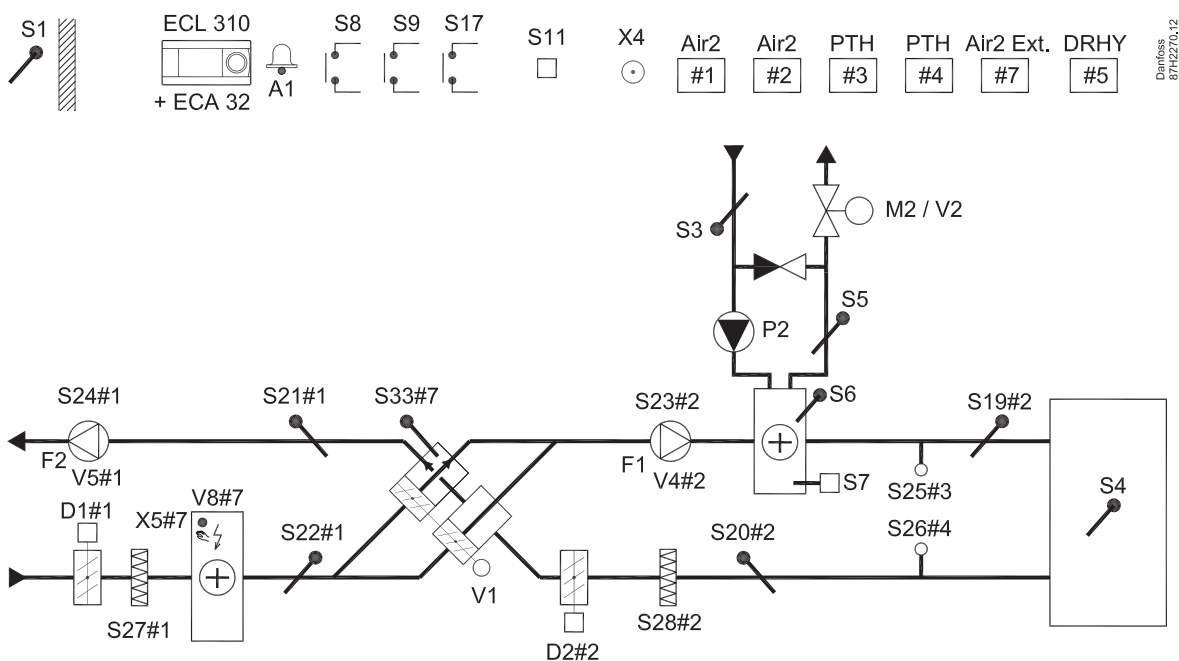


A315.3, A315.4, ex. f

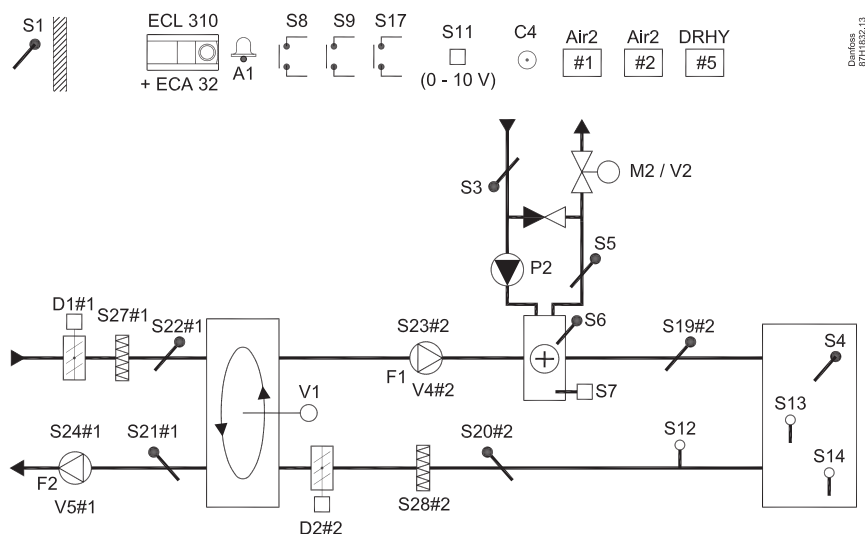
	F1 + F2
A315.3	Pa
A315.4	m ³ /h / Pa



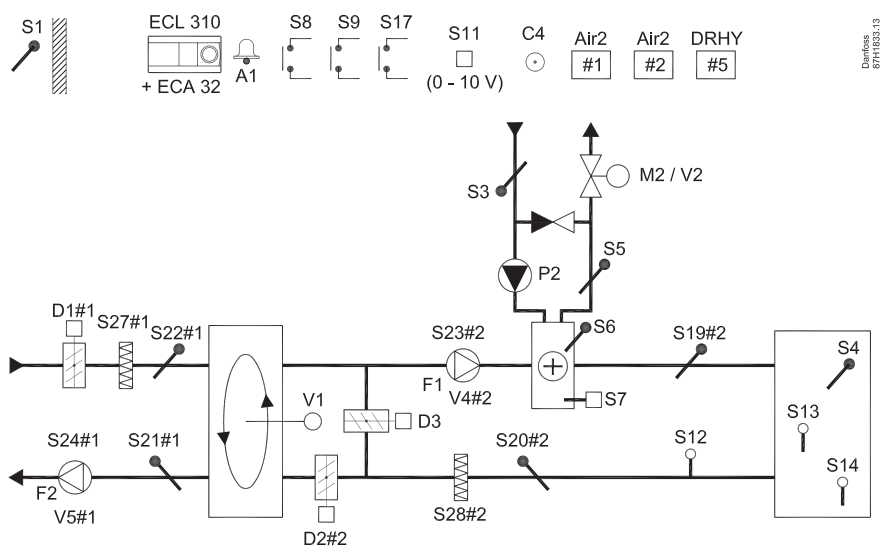
A315.4, ex. k



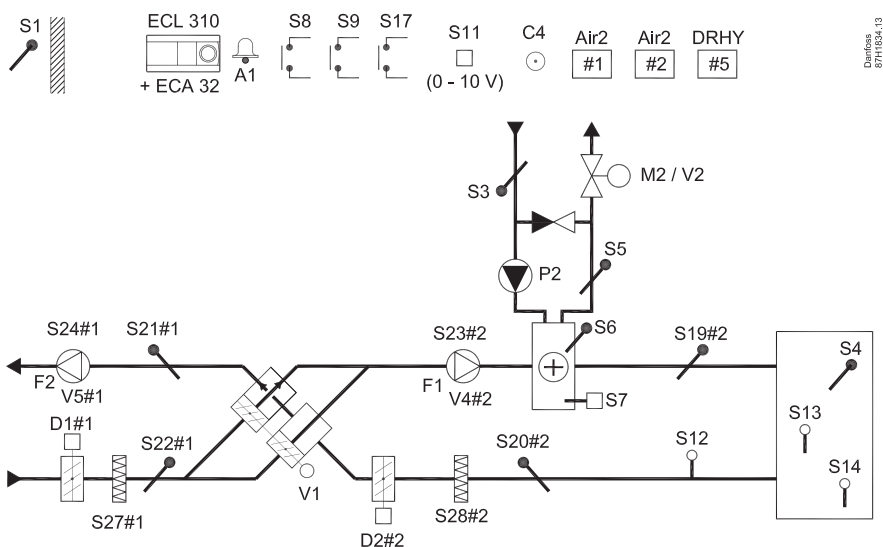
A315.5, ex. a



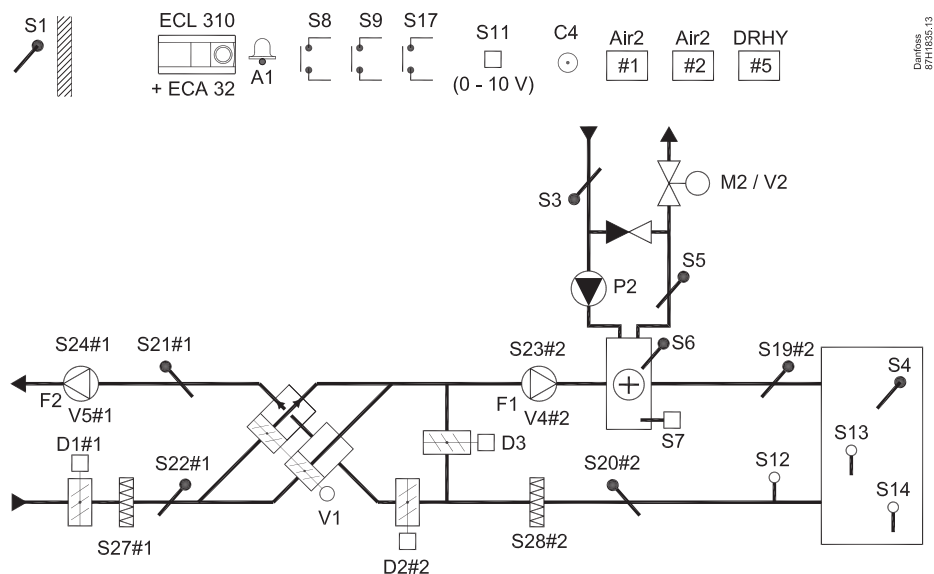
A315.5, ex. b



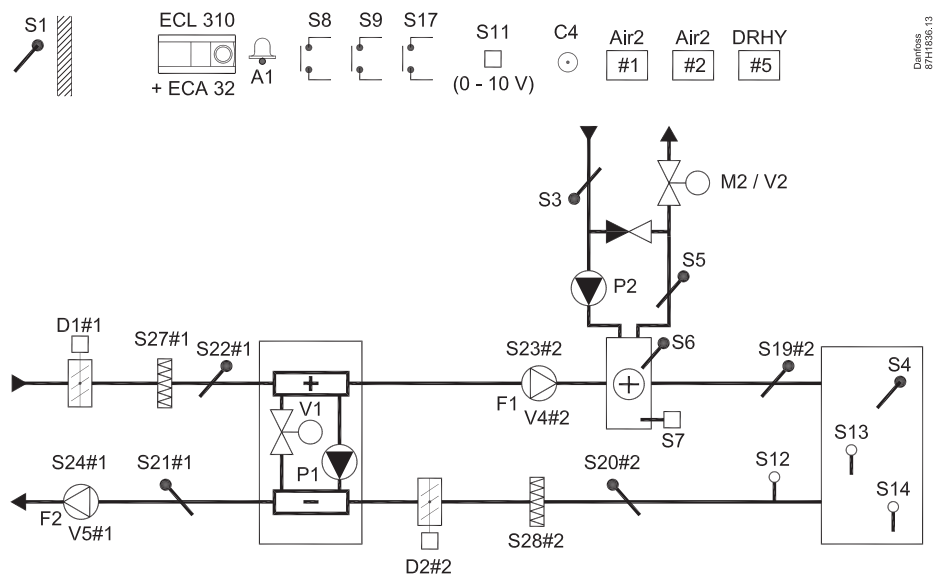
A315.5, ex. c



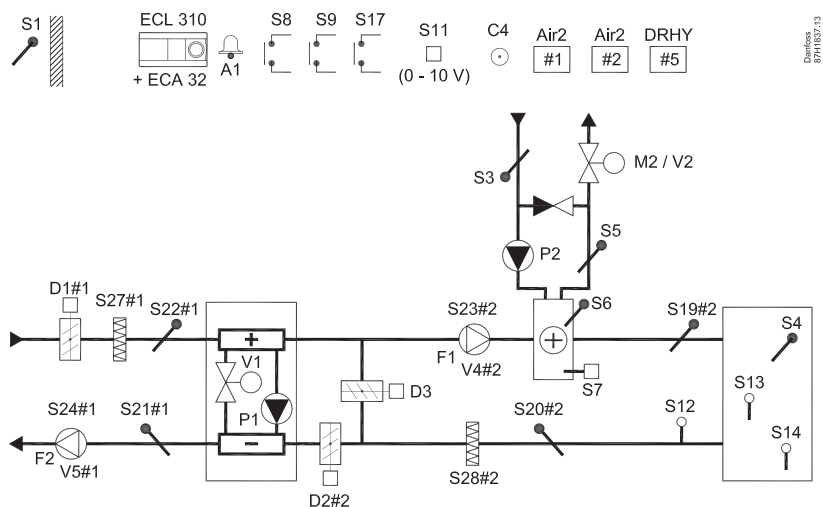
A315.5, ex. d



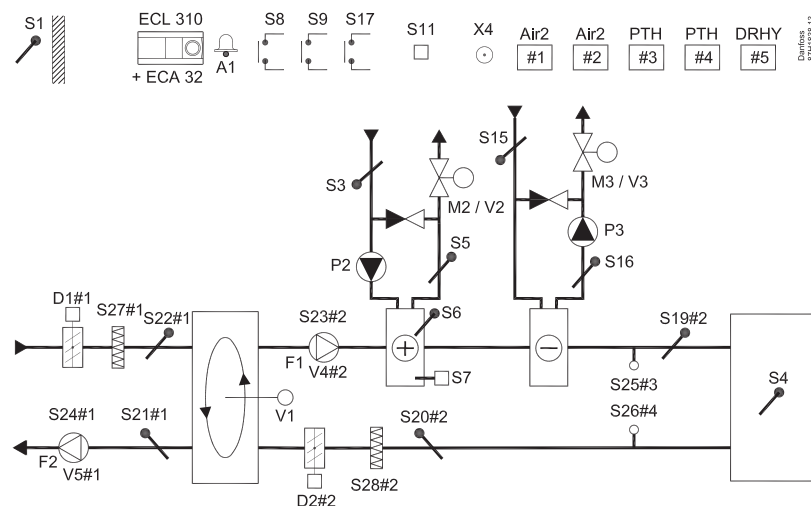
A315.5, ex. e



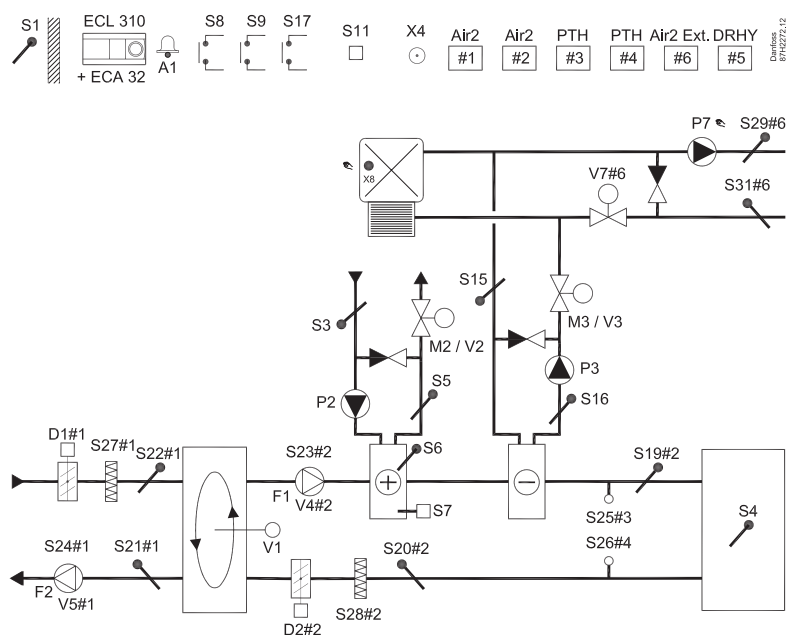
A315.5, ex. f



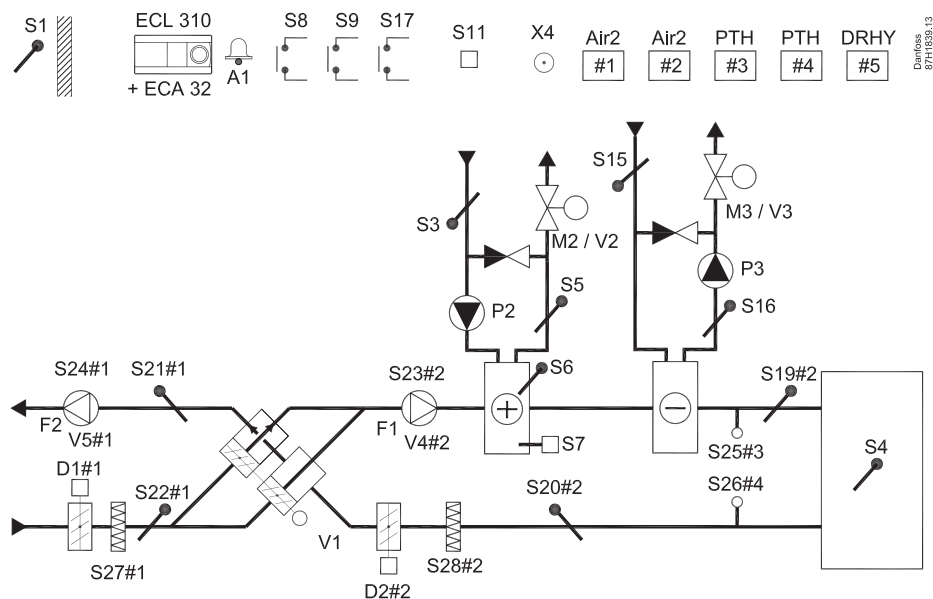
A315.6, ex. a



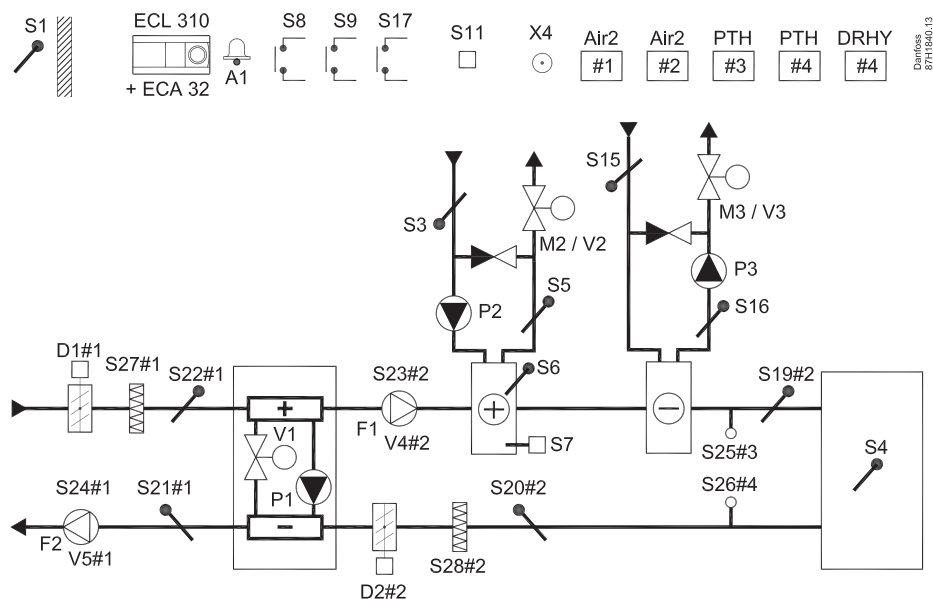
A315.6, ex. a1



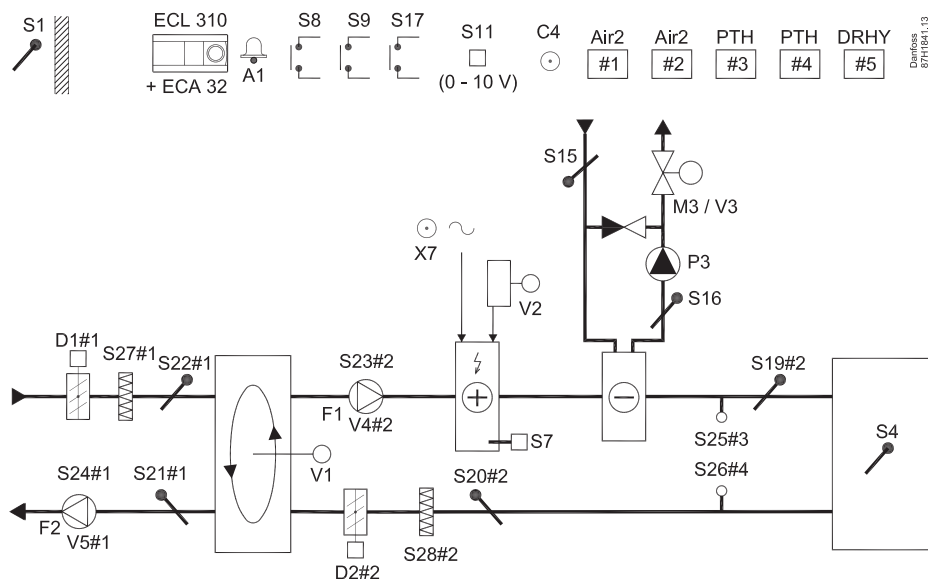
A315.6, ex. b



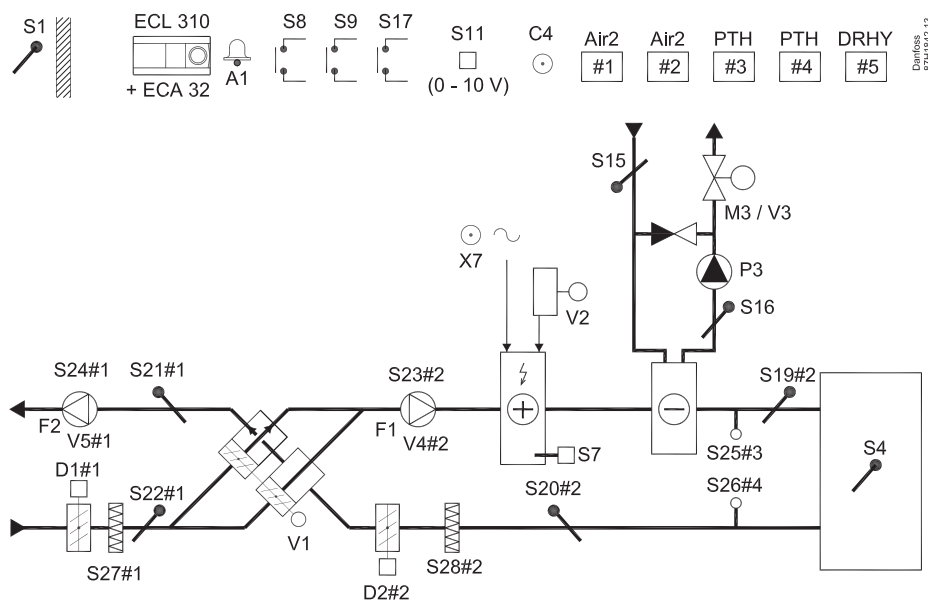
A315.6, ex. c



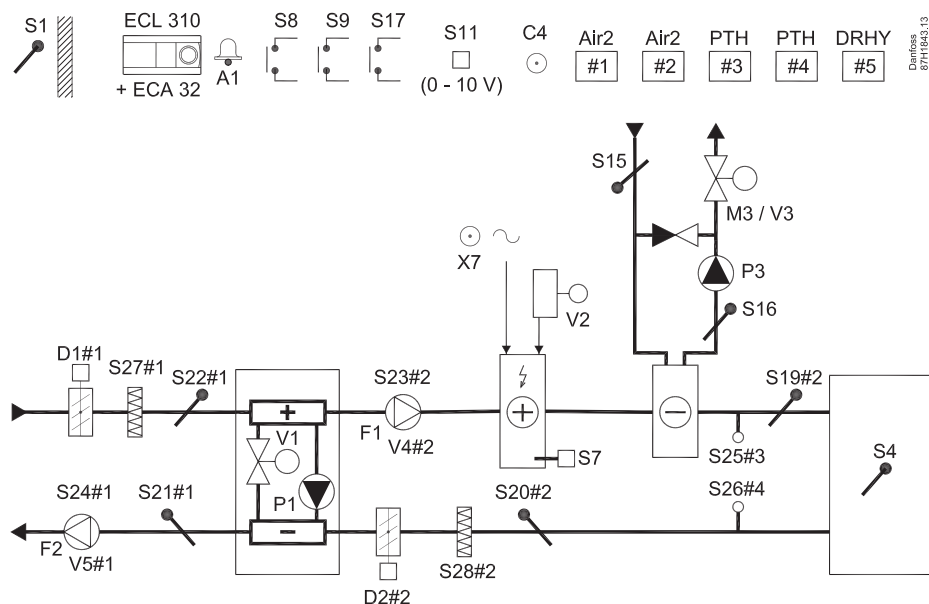
A315.10, ex. a



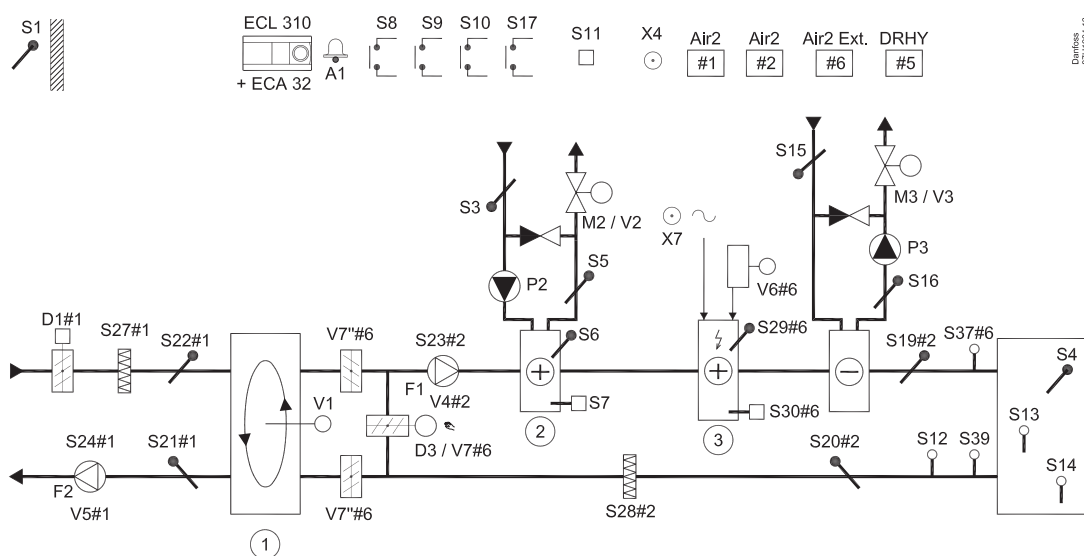
A315.10, ex. b



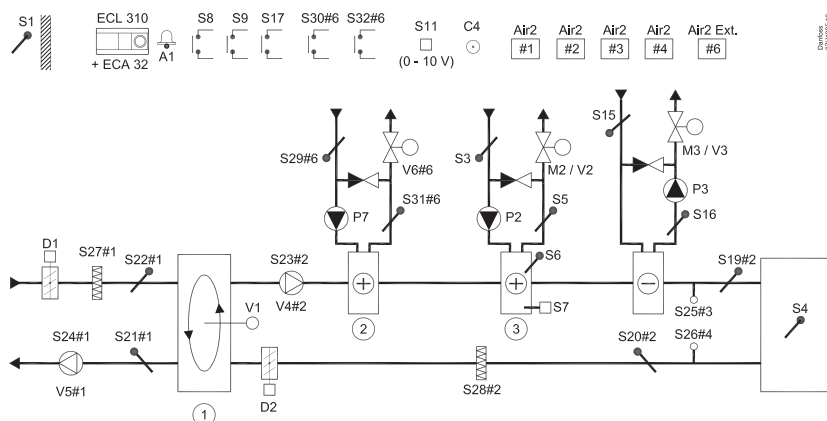
A315.10, ex. c



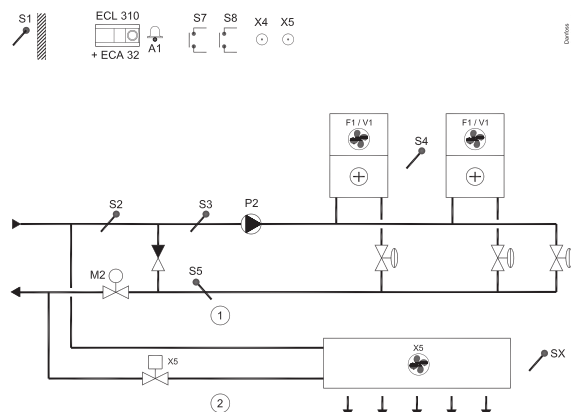
A315.11, ex. a



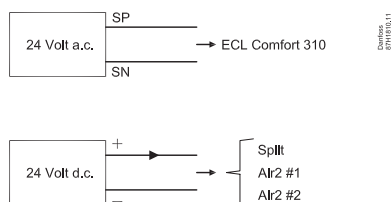
A315.12, ex. a



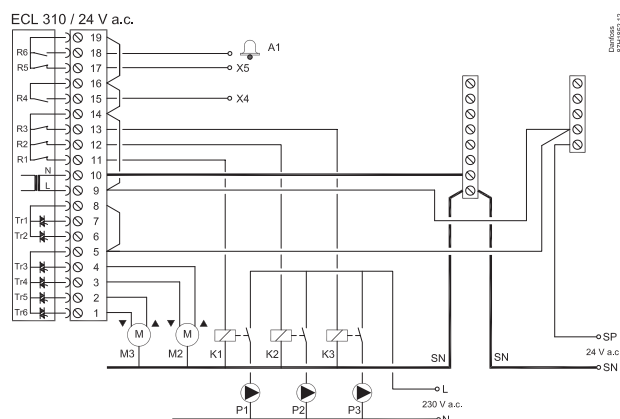
A315.20, ex. c



A315
24 Volt

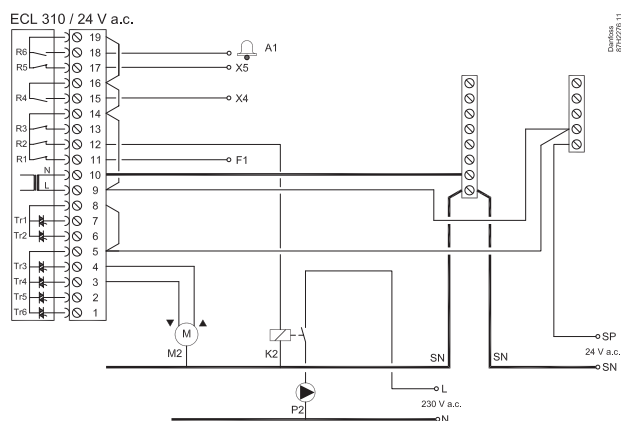


A315
24 V a.c.
A315.4, A315.11



A315

24 V a.c., A315.20



DK

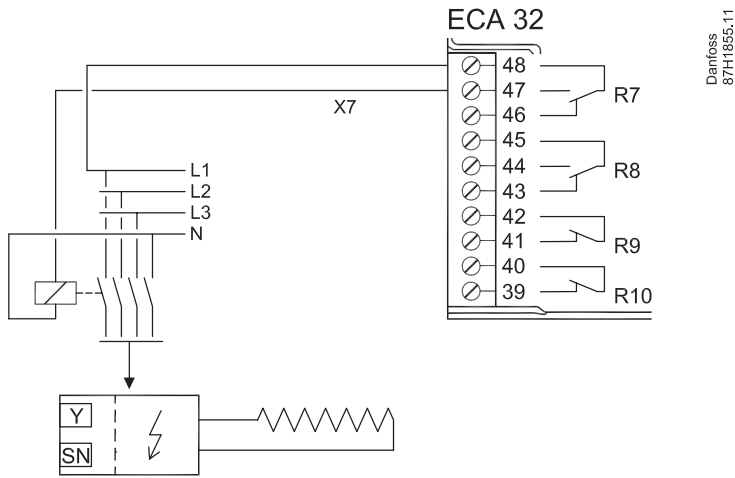
A315.1	A315.3	A315.4
A315.5	A315.6	A315.10
A315.11	A315.20	

ECA 32

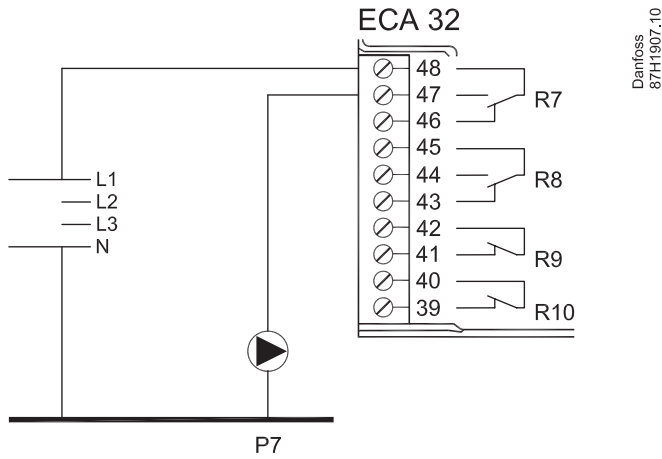
R7, R8, R9, R10

	R7	R8	R9	R10
A315.1			F1	
A315.3		D3	F1	F2
A315.4		D3	F1	F2
A315.5		D3	F1	F2
A315.6	X7		F1	F2
A315.10	X7		F1	F2
A315.11	X7	D3	F1	F2
A315.12	P7		F1	F2

ECL 310, ECA 32
X7
A315.10, A315.11



ECL 310, ECA 32
R7
A315.6 ex. a1, A315.11, 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
A315.20		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					
A315.20	P2			x			

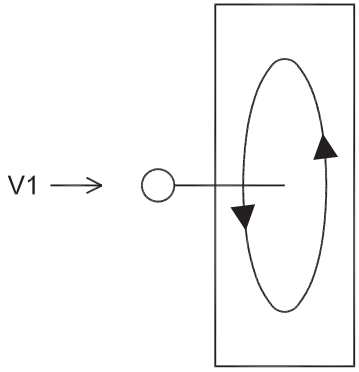
A315.3, A315.4, A315.5, A315.6, A315.10, A315.11, A315.12



A / B ?

A:

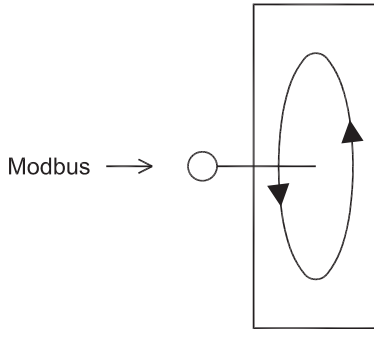
ECL 310 + ECA 32



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87H1856.10

B:

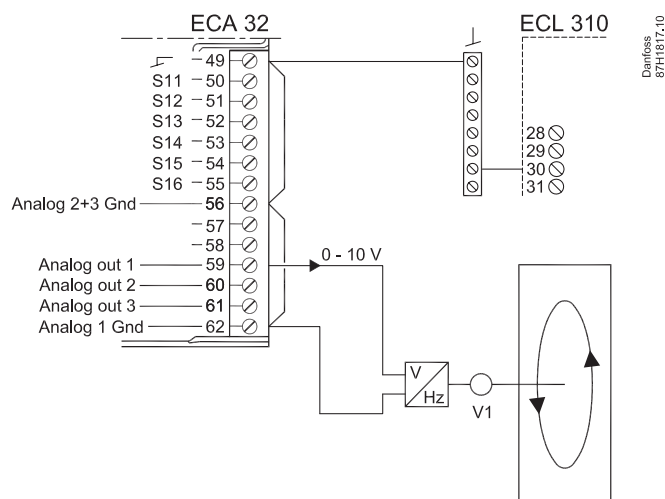
ECL 310 + DRHX #5



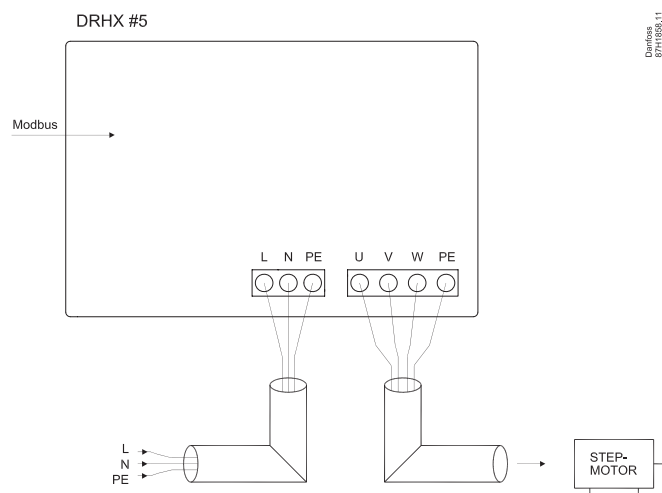
Danfoss
87H1857.10

Installation Guide, ECL Comfort 310, A315, 24 V

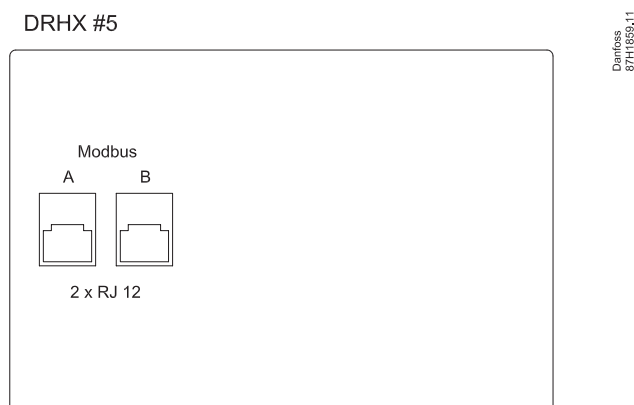
A:
ECA 32
V1
A315.3, A315.4, A315.5, A315.6, A315.10, A315.11, A315.12, A315.20



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



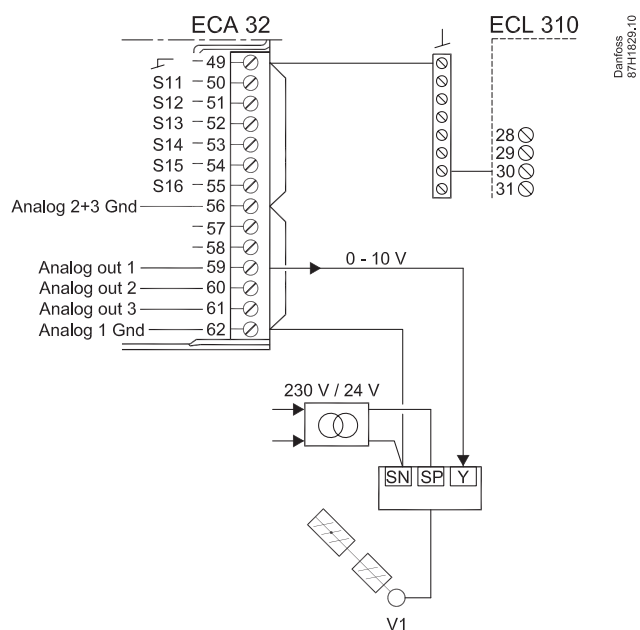
Modbus



ECA 32

V1

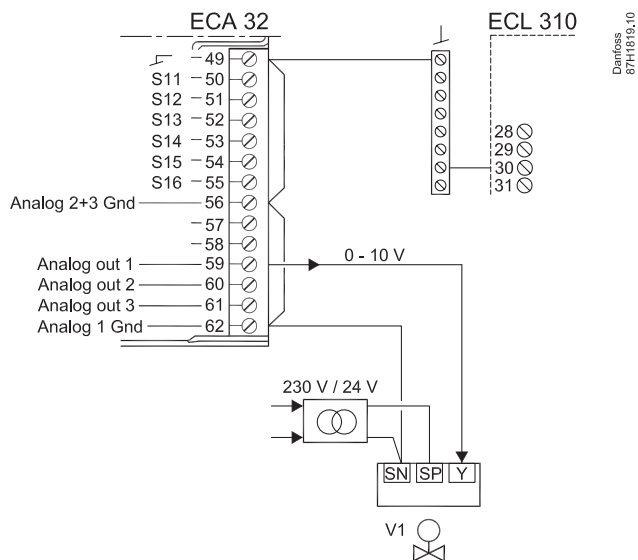
A315



ECA 32

V1

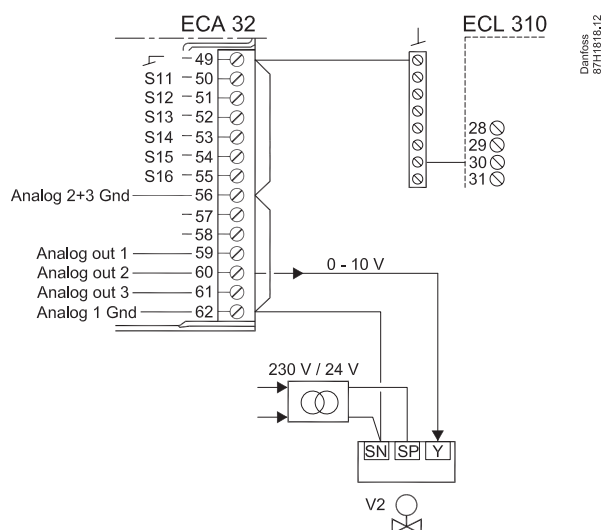
A315



ECA 32

V2

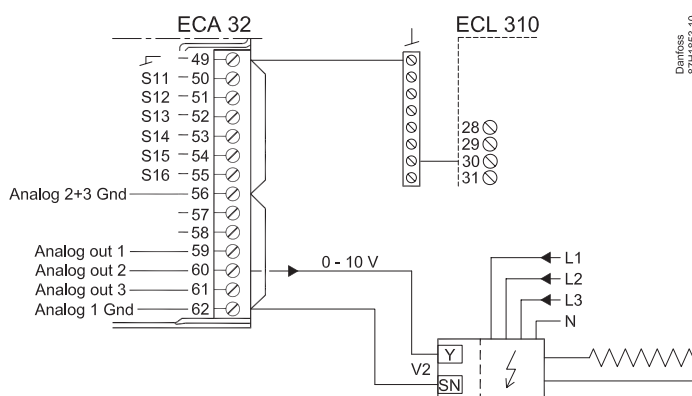
A315.1, A315.3, A315.4, A315.5, A315.6



ECA 32

V2

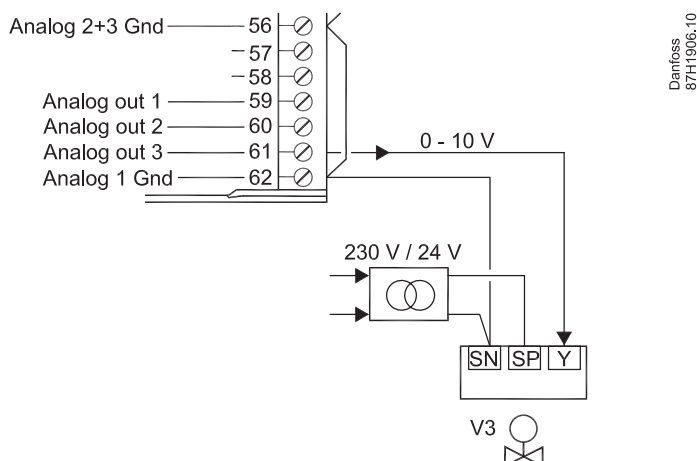
A315.10, A315.11



ECA 32

V3

A315.1, A315.6, A315.10, A315.11, A315.12



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

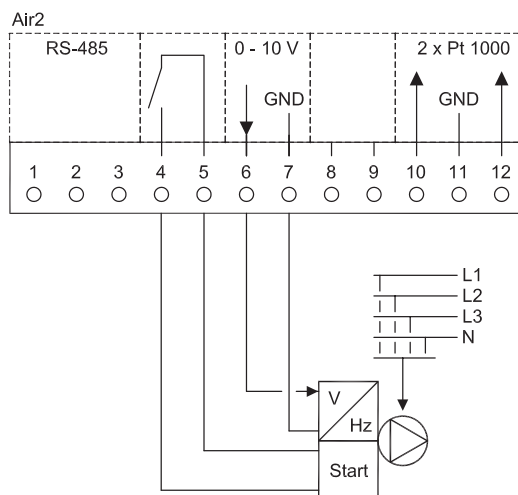
	S27	S28	S29	S30	S31	S32	S33
A315.1		#2					
A315.3	#1	#2					
A315.4	#1	#2					#7
A315.5	#1	#2					
A315.6	#1	#2	#6	#6	#6		
A315.10	#1	#2					
A315.11	#1	#2	#6	#6			
A315.12	#1	#2	#6	#6	#6	#6	

A315

F1, F2

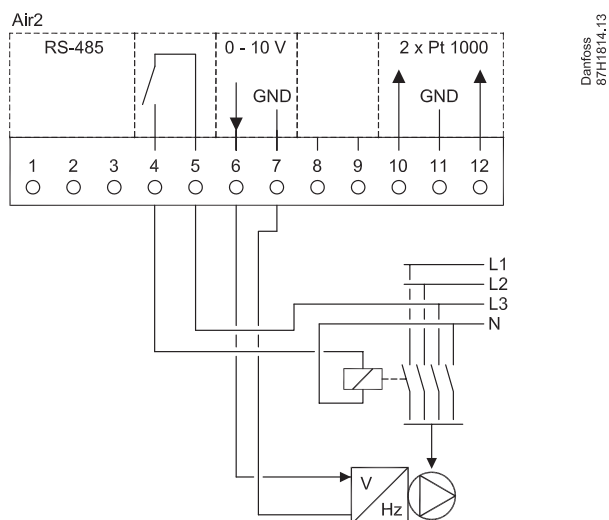
except for A315.20

A315.1 only F1

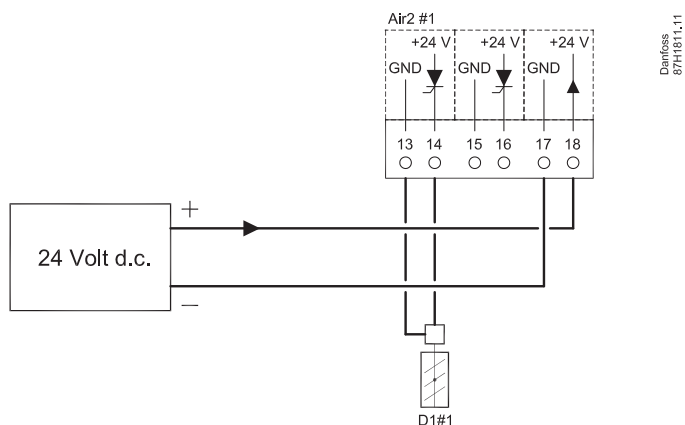


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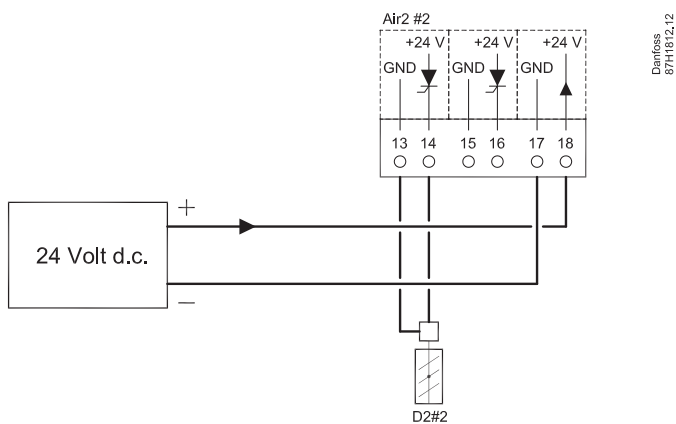
A315
F1, F2
except for A315.20
A315.1 only F1



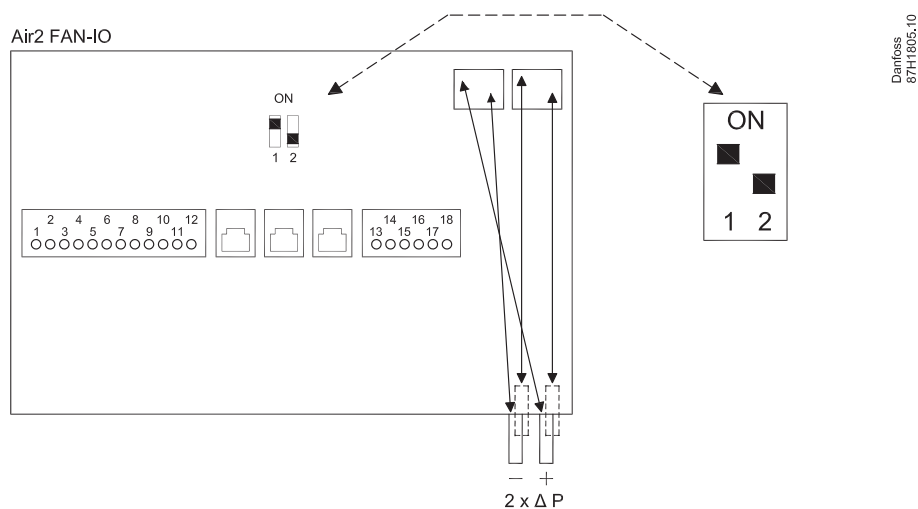
A315
D1#1
except for A315.20



A315
D2#2
except for A315.20

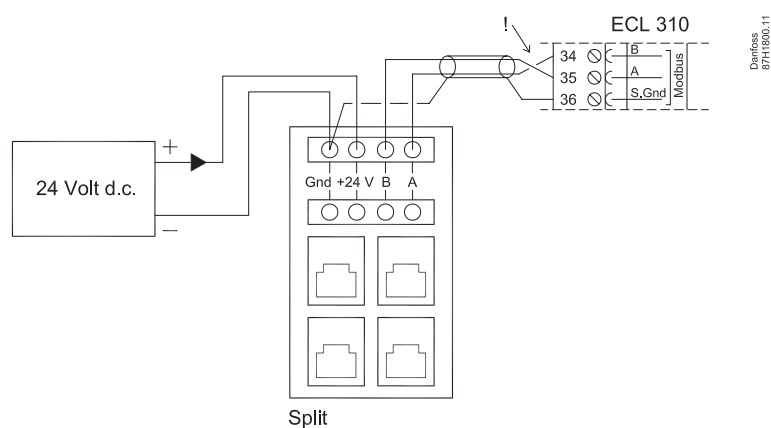


Air2 #1, Air2 #2



		Address		(= HEX)
A315	Air2 #1	ON 1 2 Danfoss 87H1807.10	1 = ON 2 = OFF	"54"
	Air2 #2	ON 1 2 Danfoss 87H1805.10	1 = ON 2 = ON	"55"

Modbus, ECL 310 - Split

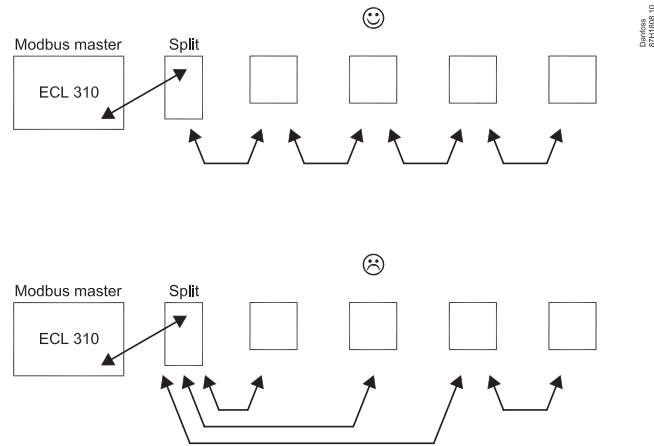


Modbus:

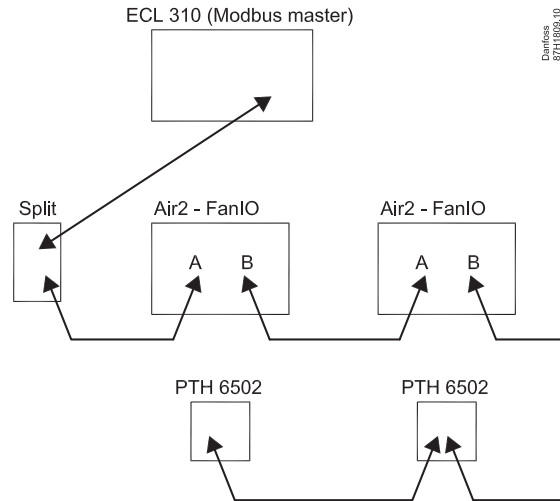
ECL 310 (A) -> Split (B)

ECL 310 (B) -> Split (A)

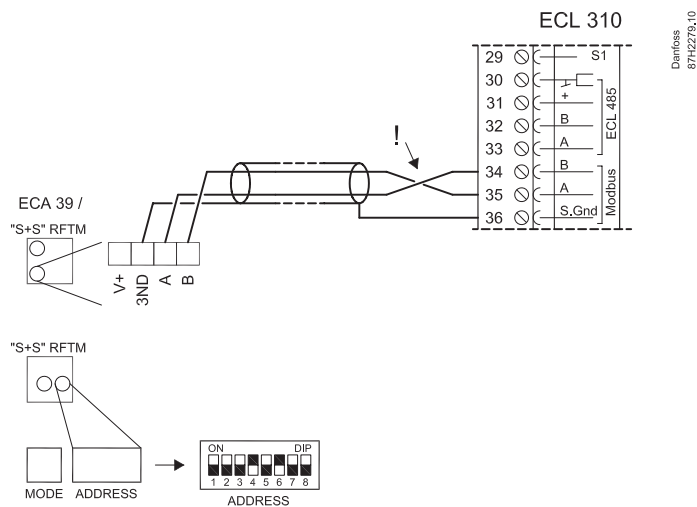
Modbus



Modbus



A315. 11 Modbus room sensor #8



S+S RFTM address

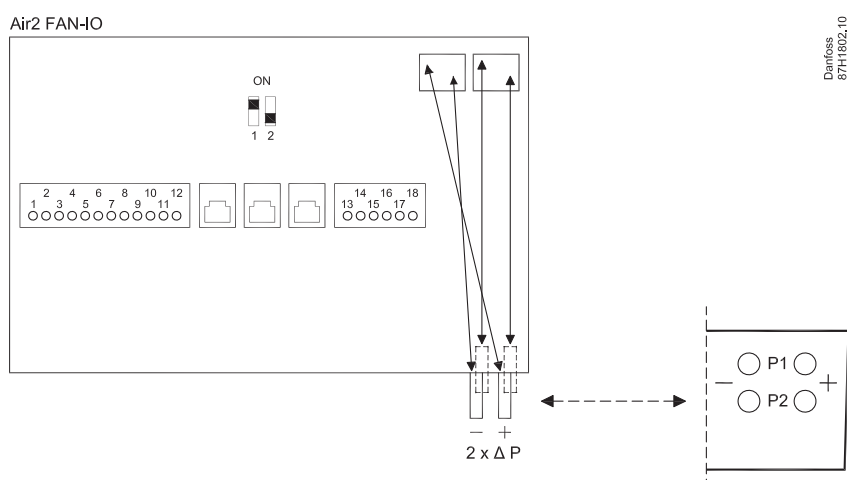
DIP	1	2	3	4	5	6	7	8
Address								
#8	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON

ECA 39 address

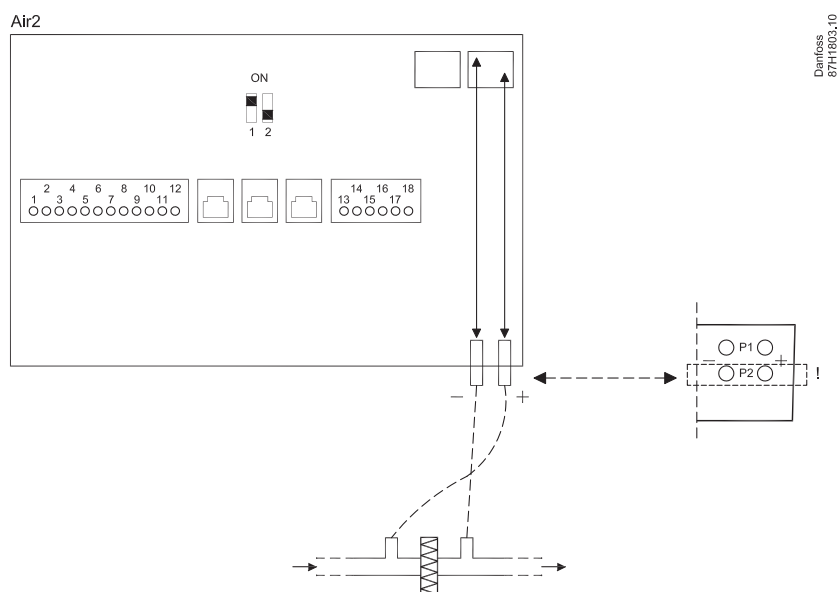
DIP	1	2	3	4	5	6
Address						
#8	OFF	ON	OFF	OFF	OFF	ON

A315

Air2 #1, Air2 #2

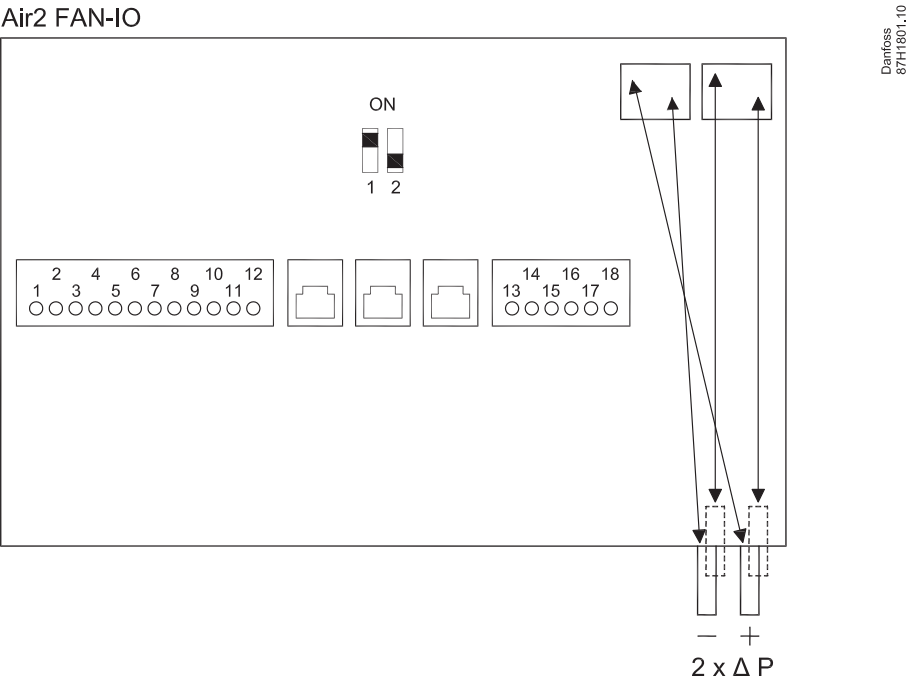


S27#1, S28#2

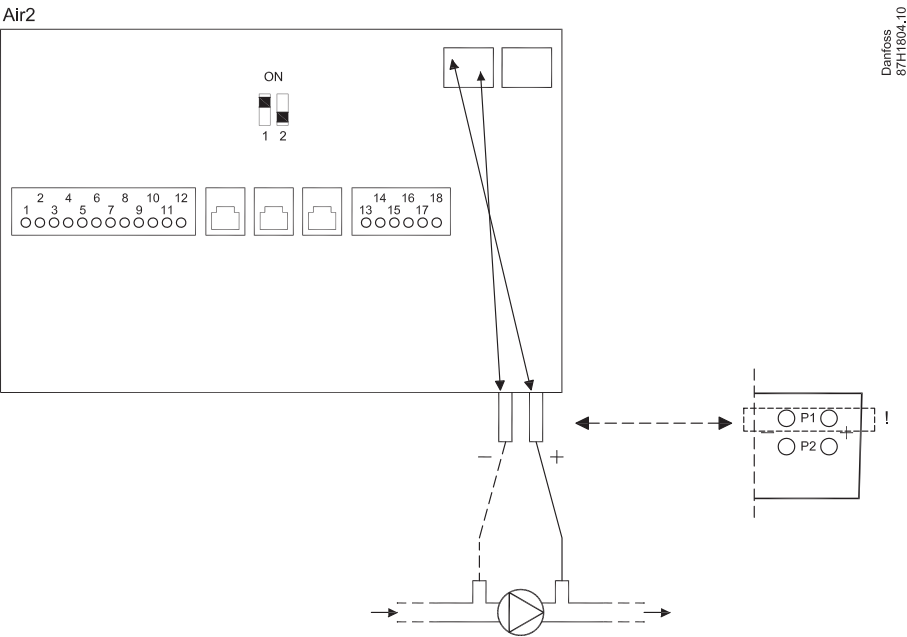


	Air2 #1	Air2 #2
S27#1	P2	
S28#2		P2

Air2 #1, Air2 #2

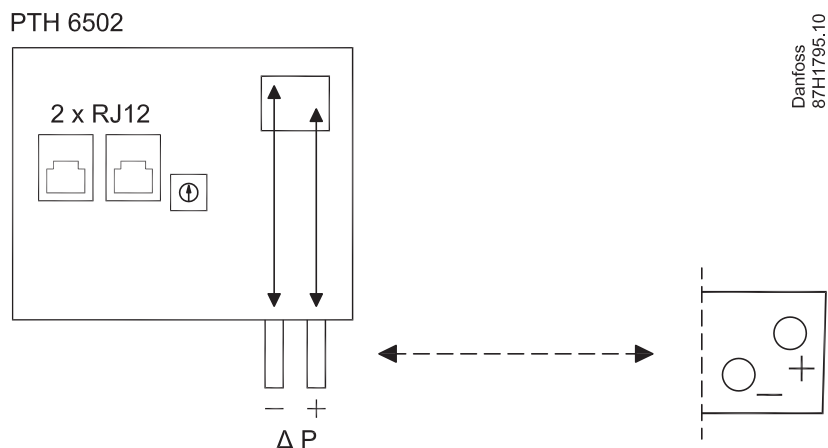


S24#1, S23#2

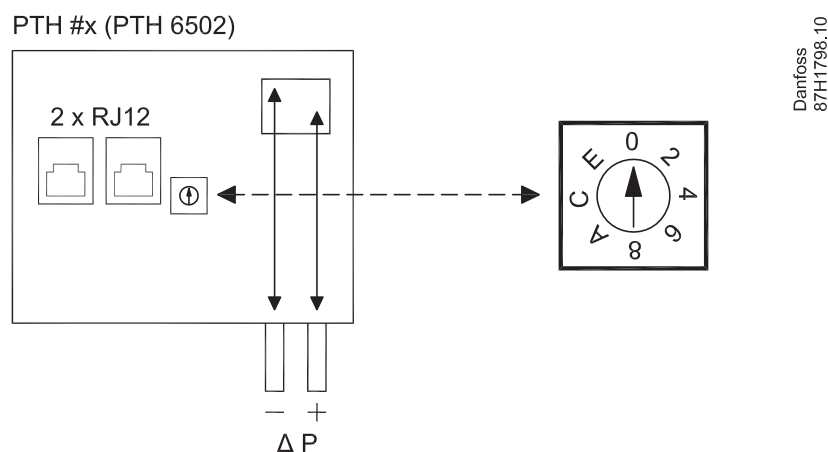


	Air2 #1	Air2 #2
S24#1 (F2)	P2	
S23#2 (F1)		P1

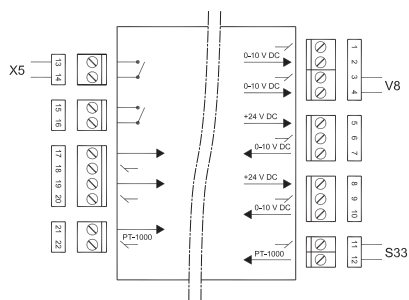
PTH #3, PTH #4



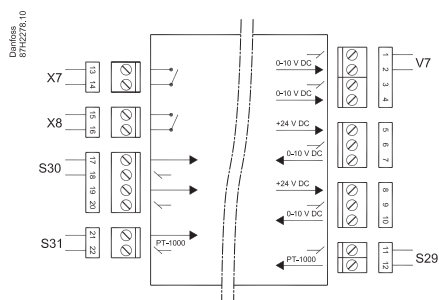
PTH #3, PTH #4



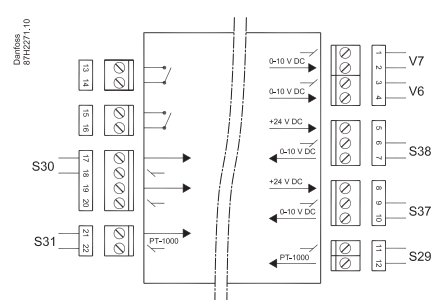
		Address	(= HEX)
A315	PTH #3	"0"	"59"
	PTH #4	"1"	"56"
	Air2 EXT #6	"1"	"71"
	Air2 EXT #7	"2"	"72"



Air2 EXT #7 A315.4

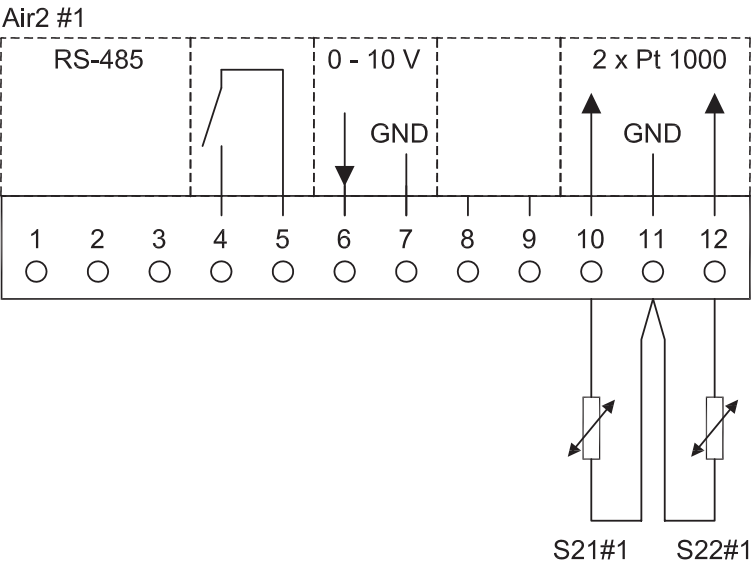


Air2 EXT #6 A315.6



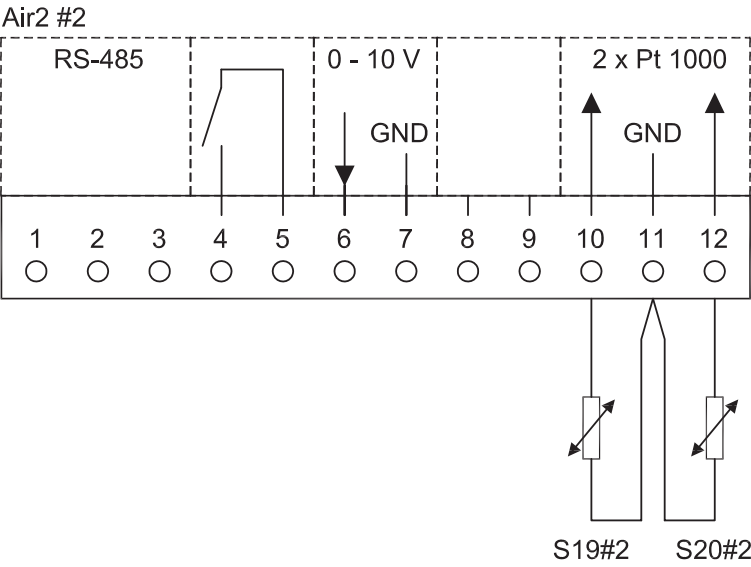
Air 2 EXT #6 A315. 11

S21#1, S22#1



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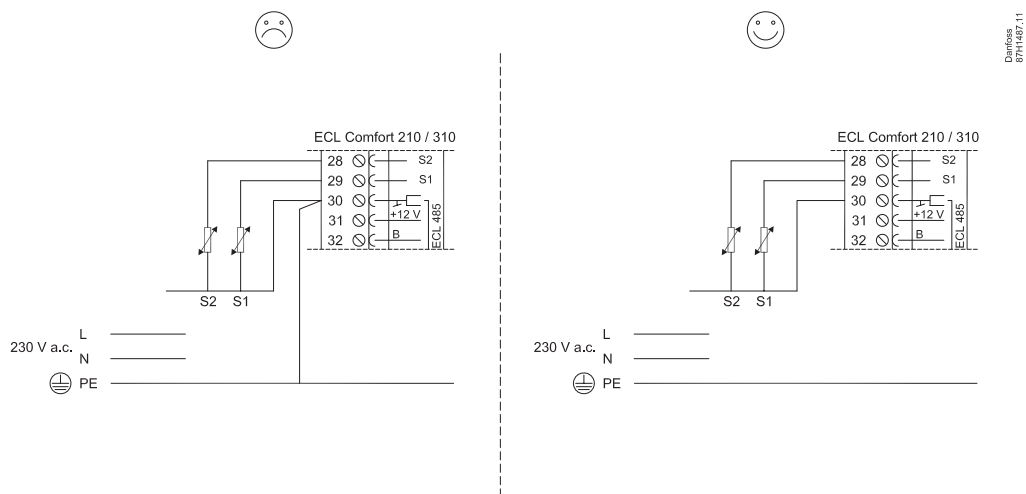
S19#2, S20#2



Danfoss
87H1815.12

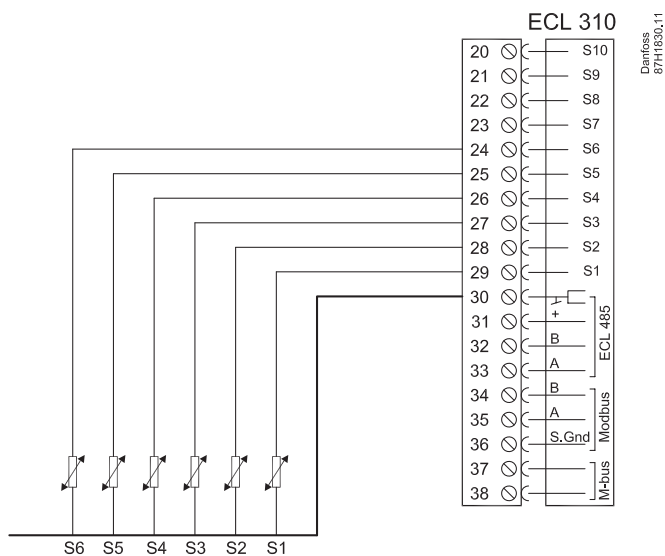
Installation Guide, ECL Comfort 310, A315, 24 V

Pt 1000 (1000 Ω / 0 °C)

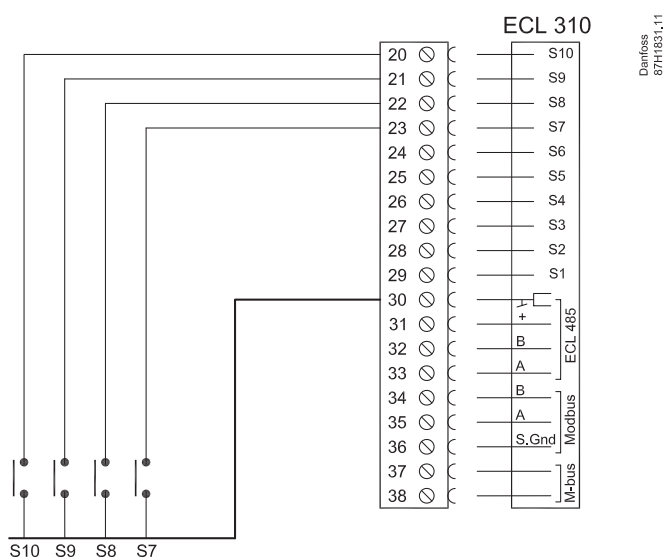


A315, ECL 310

S1 - S6



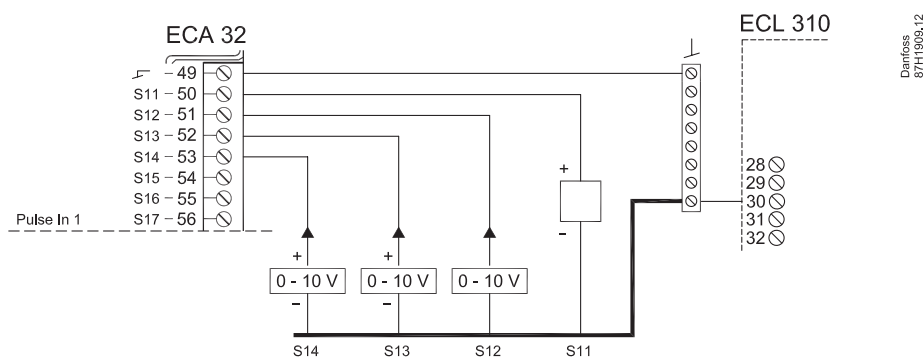
A315, ECL 310
S7 - S10



A315, ECL 310
ECA 32

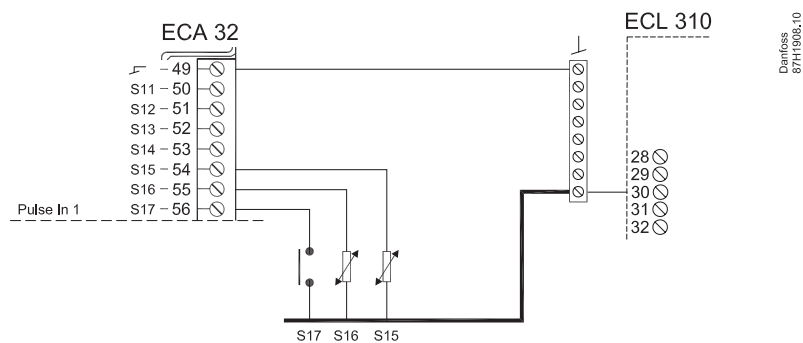
	S11	S12	S13 (Air PPM)	S14 (RH %)	S15	S16	S17
A315.1	0 - 10 V/DI		0 - 10 V	0 - 10 V	Pt 1000	Pt 1000	
A315.3							
A315.4							
A315.5		0 - 10 V	0 - 10 V	0 - 10 V			
A315.6					Pt 1000	Pt 1000	
A315.10					Pt 1000	Pt 1000	
A315.11		0 - 10 V	0 - 10 V	0 - 10 V	Pt 1000	Pt 1000	
A315.12					Pt 1000	Pt 1000	

A315, ECL 310
ECA 32, S11, S12, S13, S14



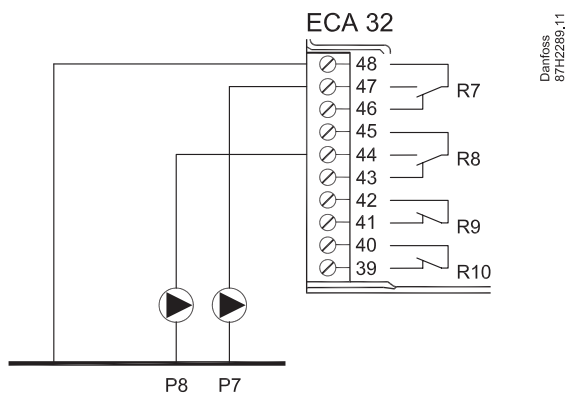
A315, ECL 310

ECA 32, S15, S16, S17

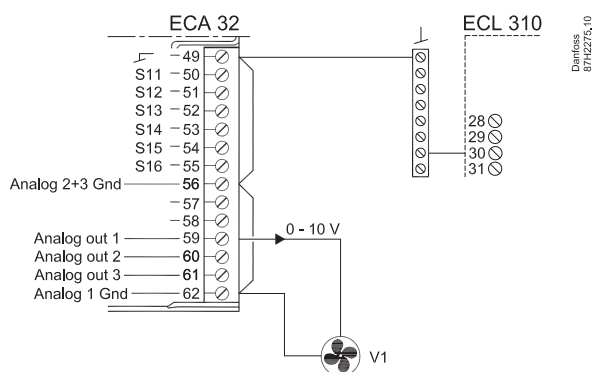


ECL 310, ECA 32

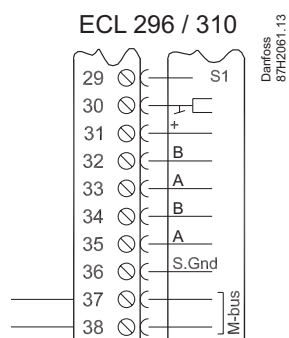
P7+P8



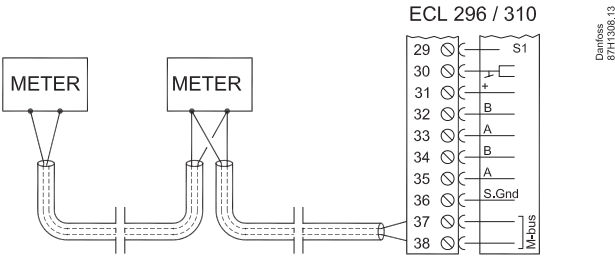
A315.20 Fan



M-bus

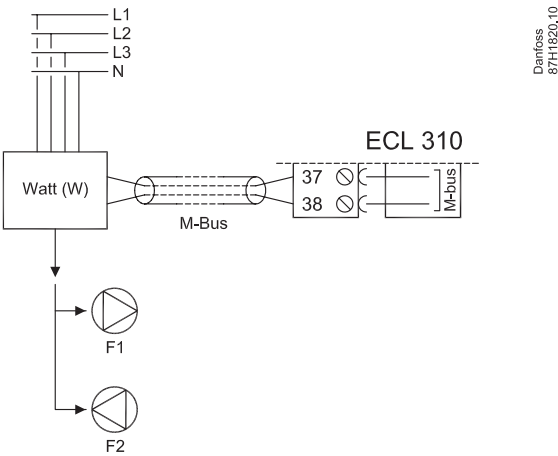


M-bus

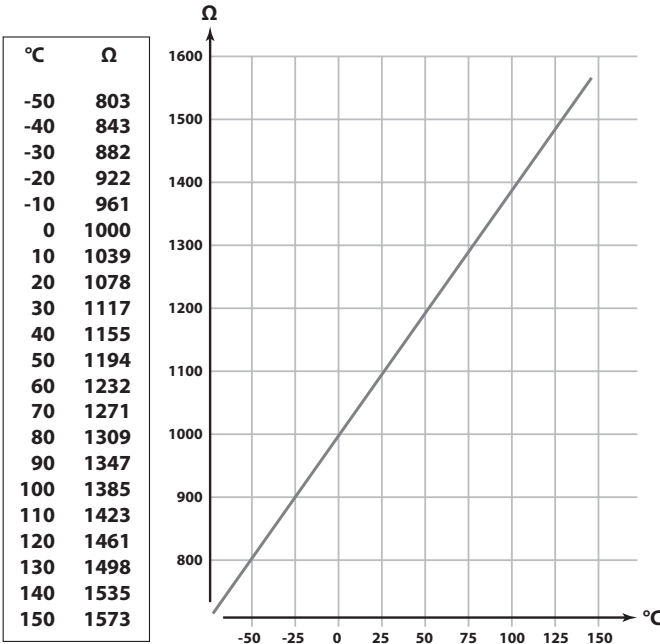


A315

M-bus

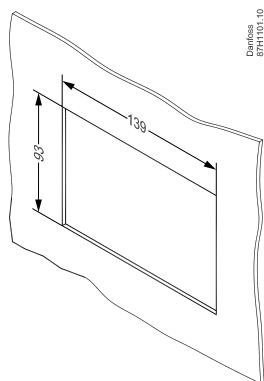


Pt 1000 (IEC 751B, 1000 Ω / 0 $^{\circ}\text{C}$)

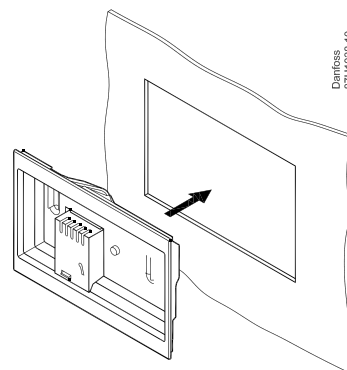


ECA 30

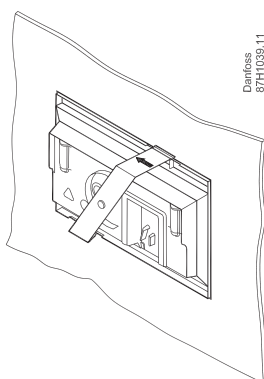
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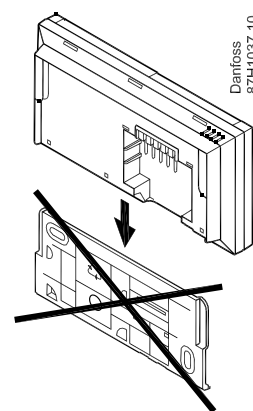
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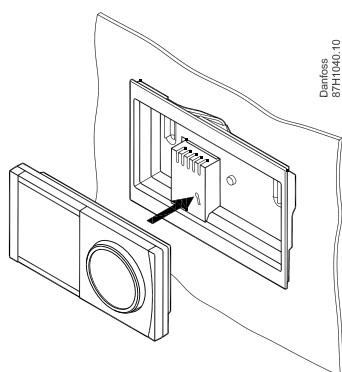
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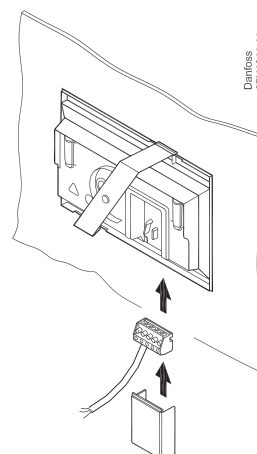
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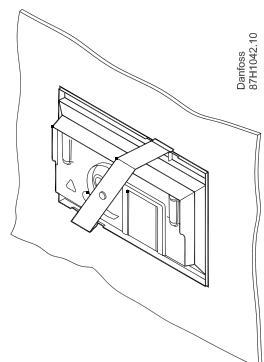
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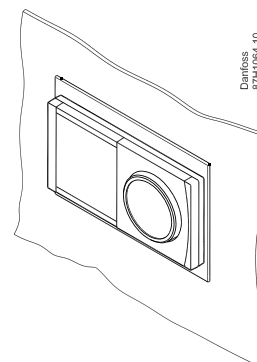
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7

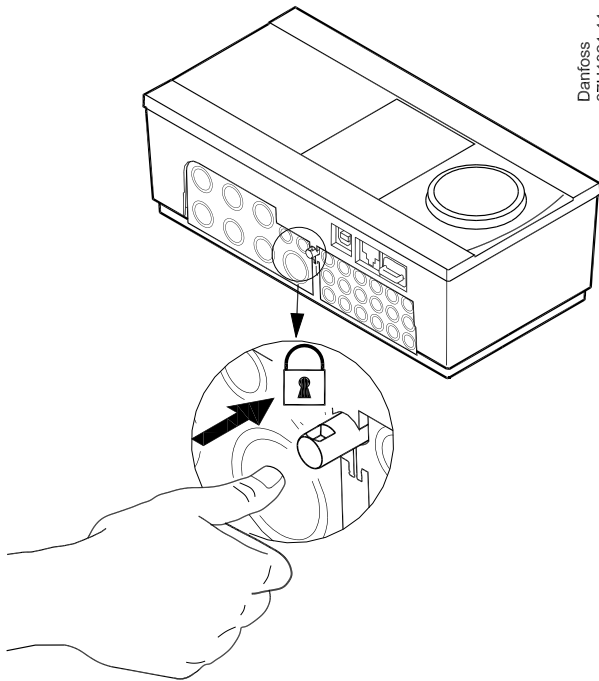


8

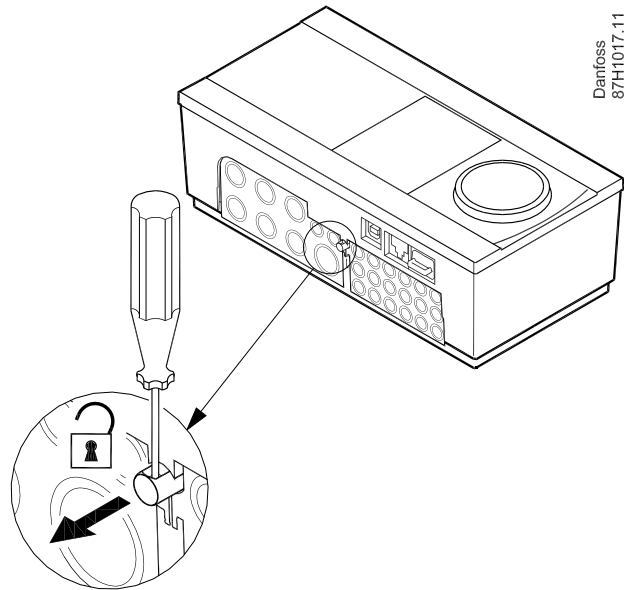


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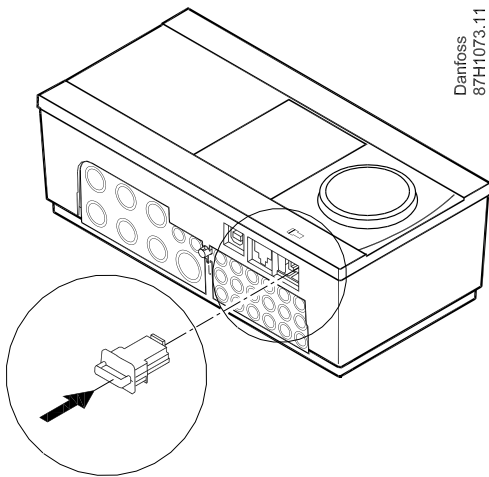
Danfoss
87H1021.11



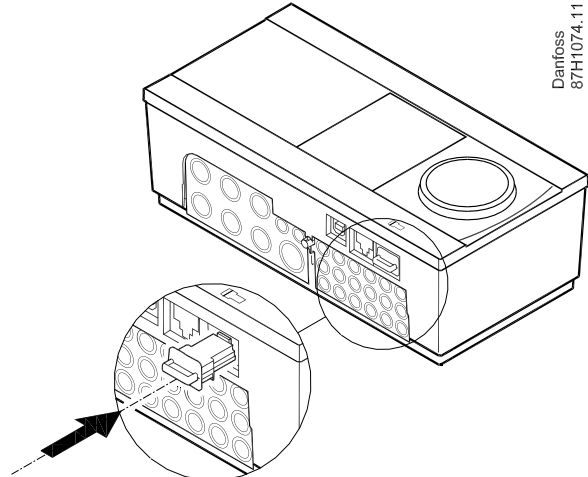
Danfoss
87H1017.11



Danfoss
87H1073.11



Danfoss
87H1074.11



? **ECL Comfort 310, A315: www.danfoss.com**

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



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