




ECL Comfort 210
Comfort Controllers



Danfoss ECL Comfort 210 Comfort Controllers Installation Guide

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Danfoss ECL Comfort 210 Comfort Controllers



Product Information

Specifications

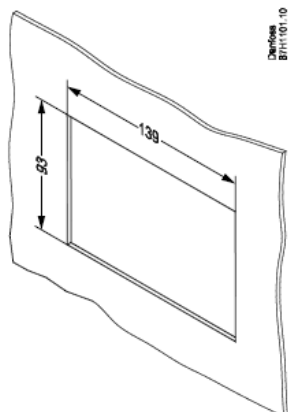
- Model: ECL Comfort 210 / 296 / 310, A267
- Power Supply: ECL Comfort 210 / 296 / 310 – 230 V a.c., ECL Comfort 310 – 24 V a.c.
- Current Rating: ECL Comfort 210 / 296 / 310 – 4 (2) A / 230 V a.c., 0.2 A / 230 V a.c.; ECL Comfort 310 – 4 (2) A / 24 V a.c., 1 A / 24 V a.c.
- Thermostat Type: Safety thermostat with 1-step closing or 2-step closing

Product Usage Instructions

Installation Steps

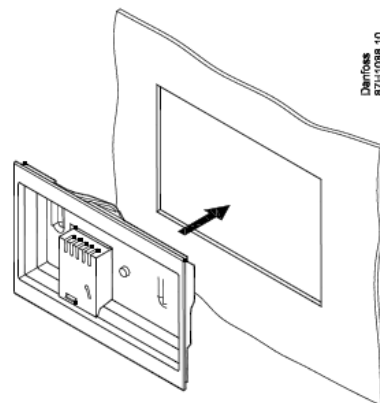
1. Ensure power supply matches the required voltage (230 V a.c. or 24 V a.c.).
2. Connect the thermostat following the specified safety thermostat closing method.
3. Install the ECL Comfort device in the designated location.
4. Refer to the wiring diagram for proper connection of L, N, and PE connections.

1



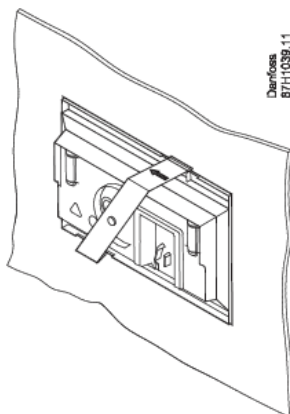
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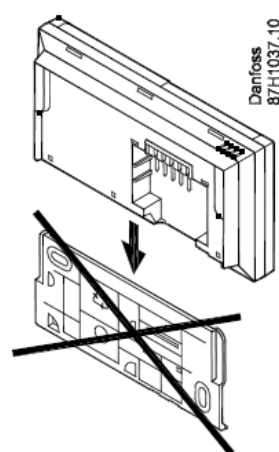
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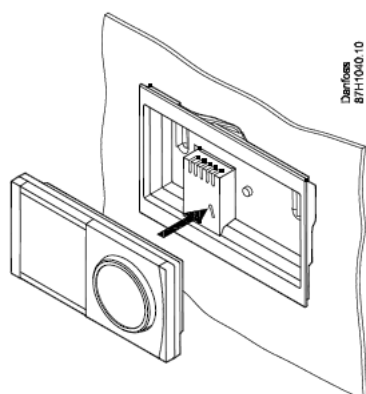
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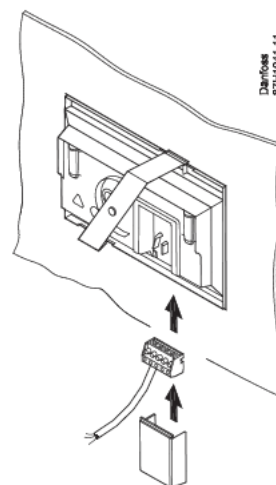
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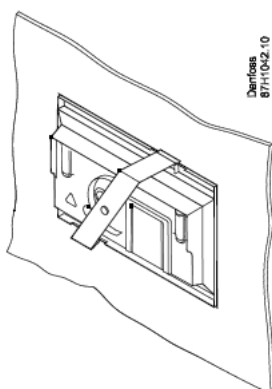
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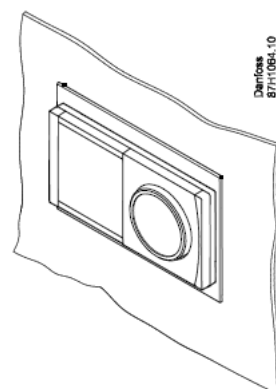
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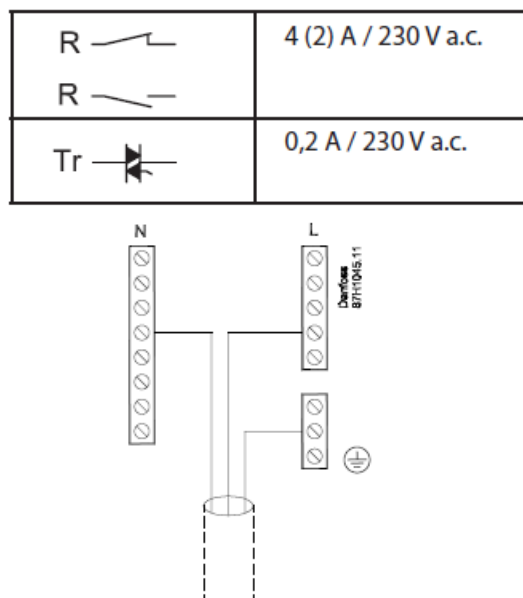


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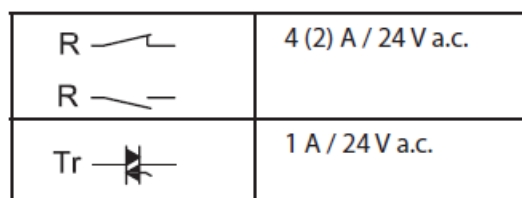
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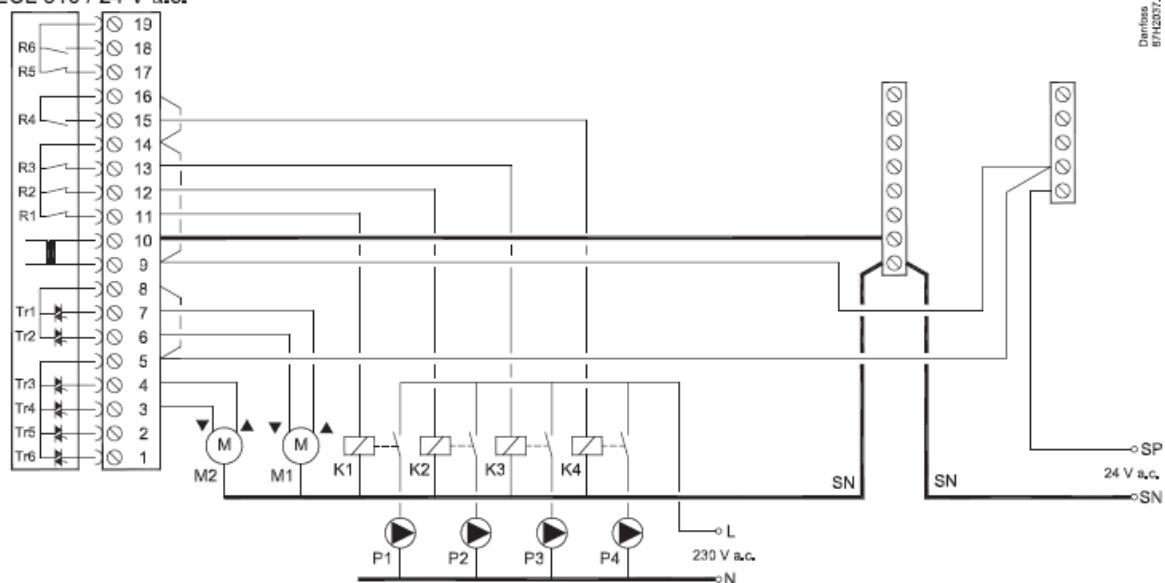
230 V a.c.

- A267.1 ex. a, A267.1 ex. d: P2
- A267.1 ex. b, A267.1 ex. f: P2
- A267.1 ex. c, A267.1 ex. e: P2

ECL Comfort 310:
24 V a.c.



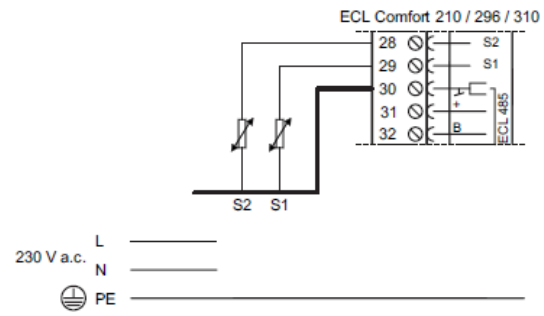
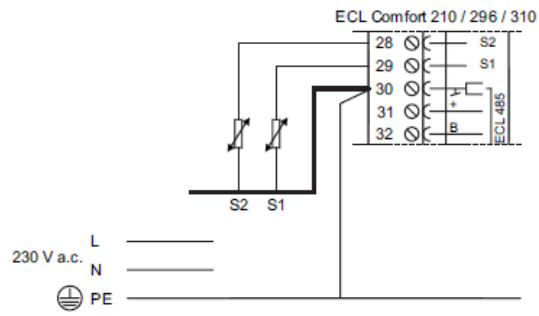
ECL 310 / 24 V a.c.



24 V a.c.

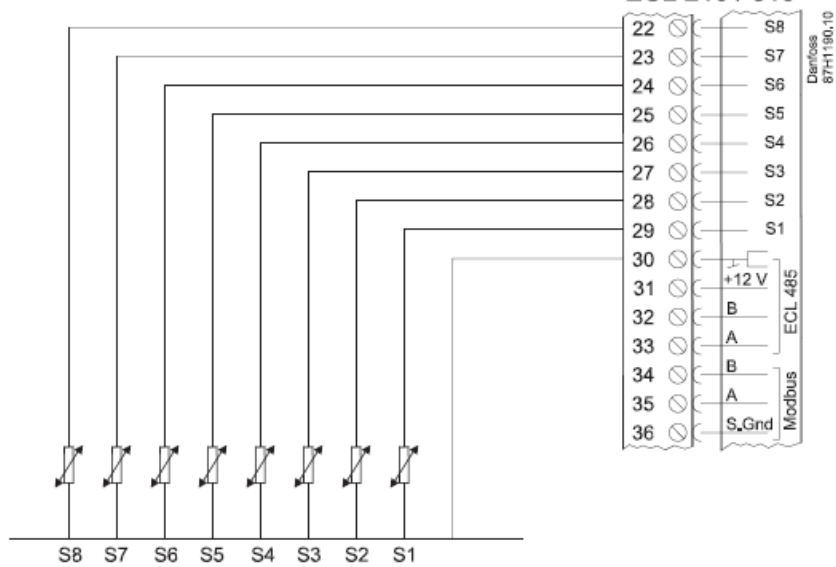
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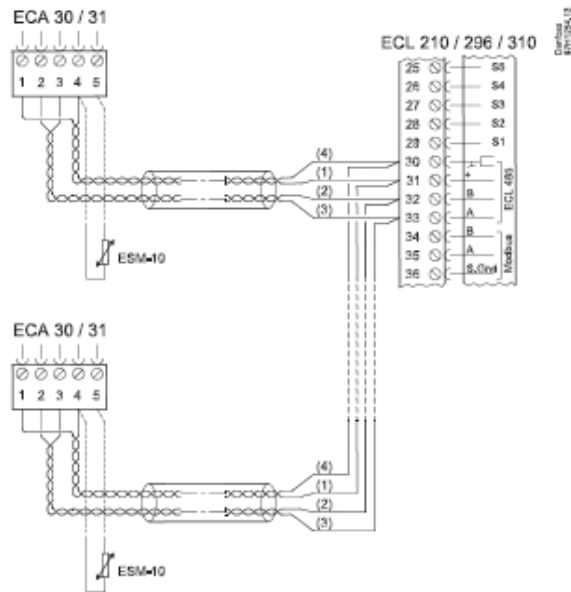
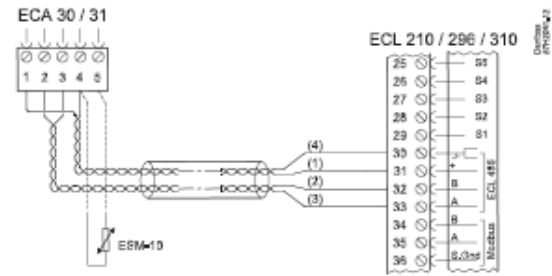




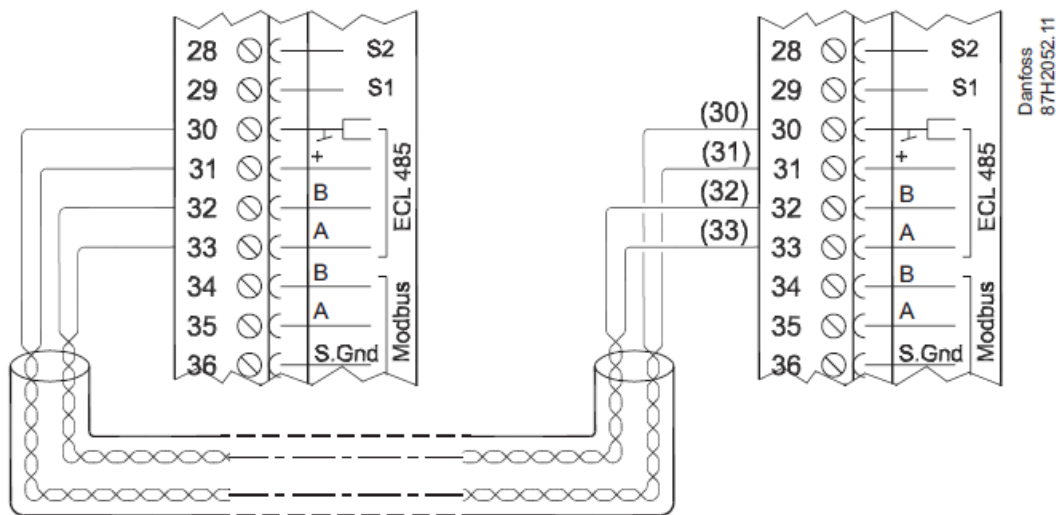
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ECL 210 / 310



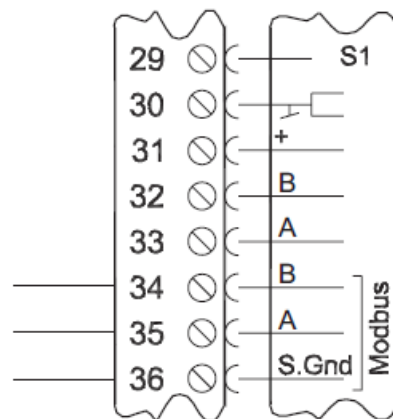


Master / slave



Modbus

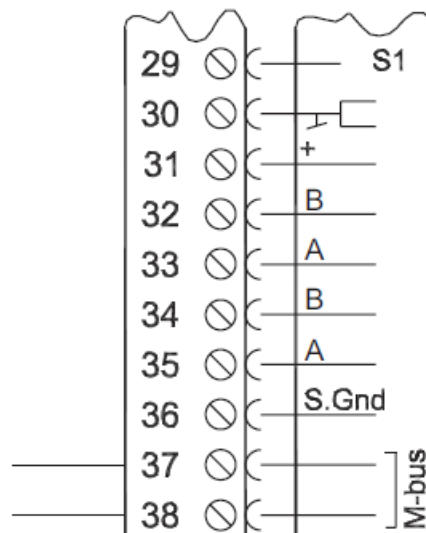
ECL 210 / 296 / 310



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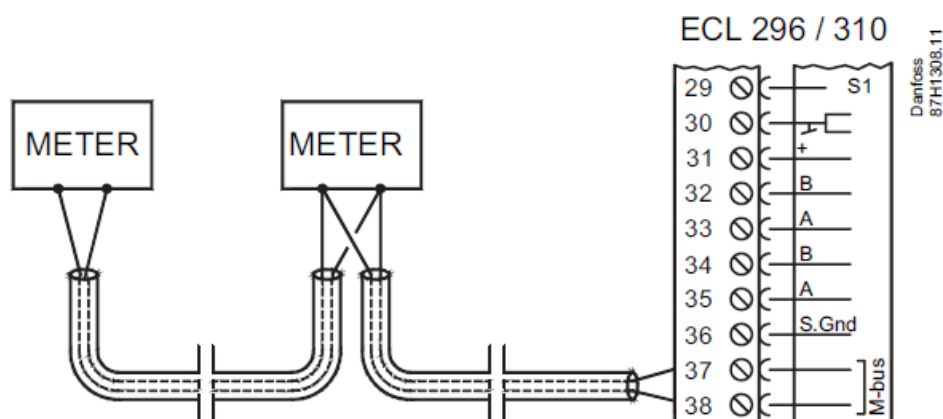
M-bus

ECL 296 / 310



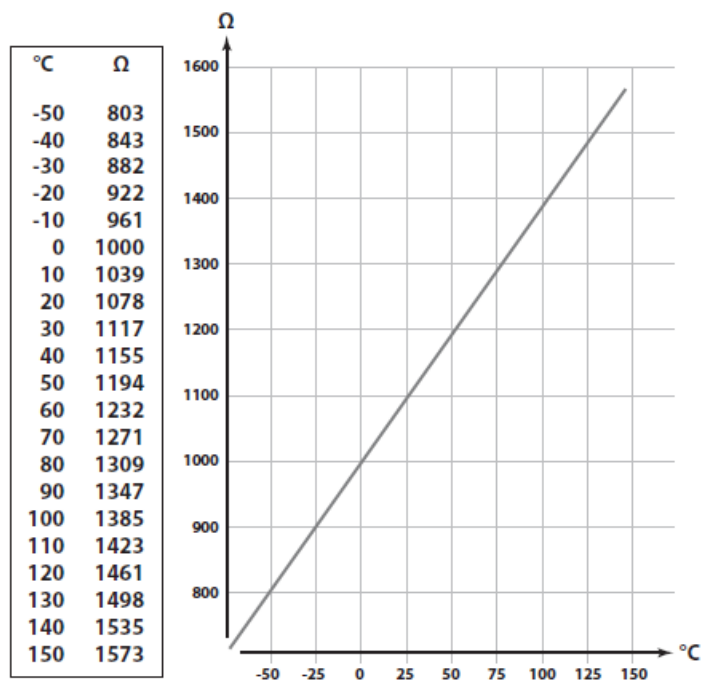
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M-bus

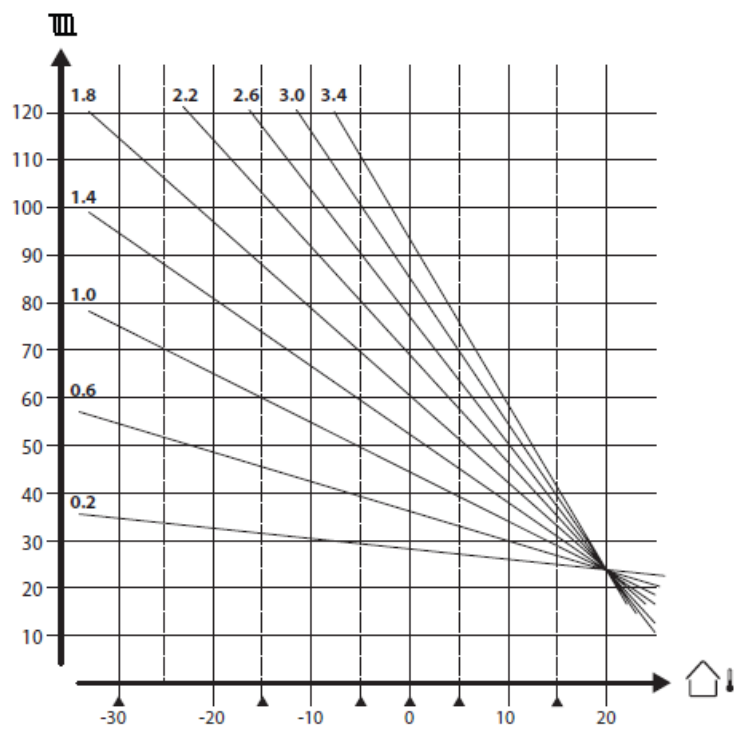


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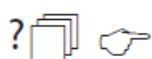
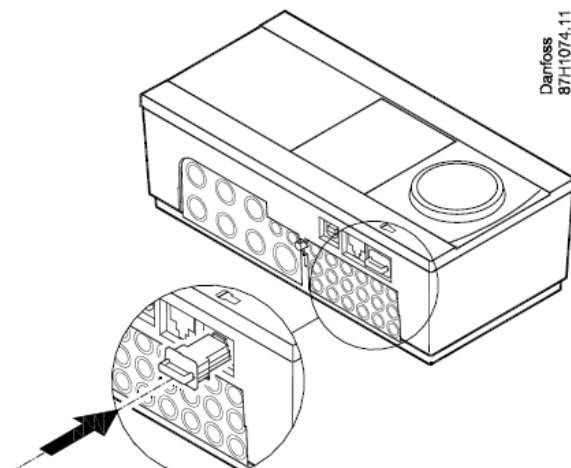
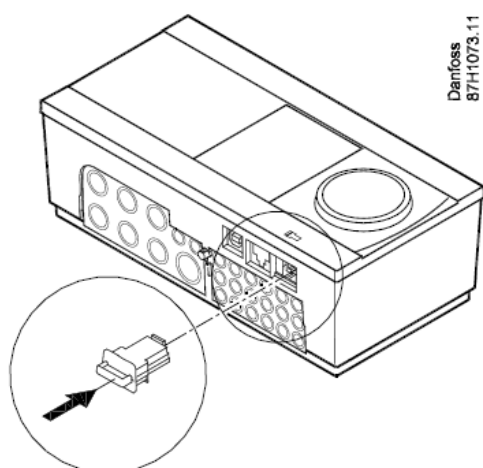
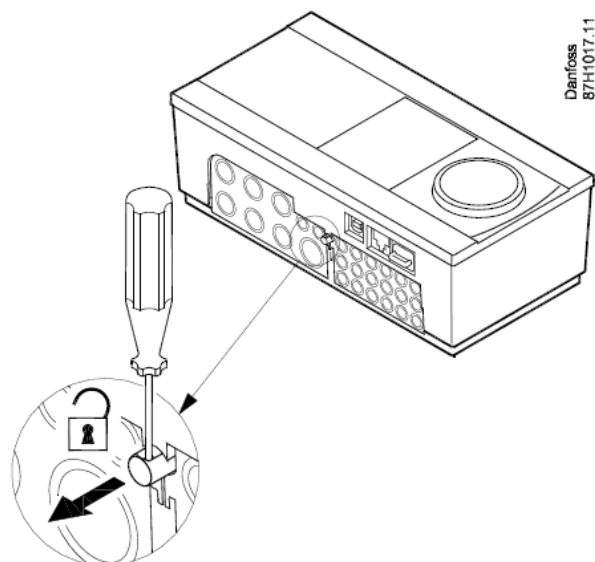
Pt 1000 (IEC 751B, 1000 / 0 °C)



Heat curves



ECL Comfort



ECL Comfort 210 / 296 / 310, A267: www.heating.danfoss.com



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



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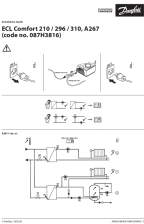
Frequently Asked Questions

Where can I find additional resources for the ECL Comfort 210/296/310, A267?

You can visit the official website at www.heating.danfoss.com for more information.

Additionally, instructional videos can be found on the Danfoss Heating YouTube channel under Playlists -> How-to Videos -> District Energy installation videos.

Documents / Resources

	<p>Danfoss ECL Comfort 210 Comfort Controllers [pdf] Installation Guide 210, 296, 310, ECL Comfort 210 Comfort Controllers, ECL Comfort 210, Comfort Controllers</p>
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References

-  [Danfoss Climate Solutions for heating | Efficient solutions for superior comfort | Danfoss](#)
- [User Manual](#)

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