



Danfoss ECL Comfort 210 Controllers Installation Guide

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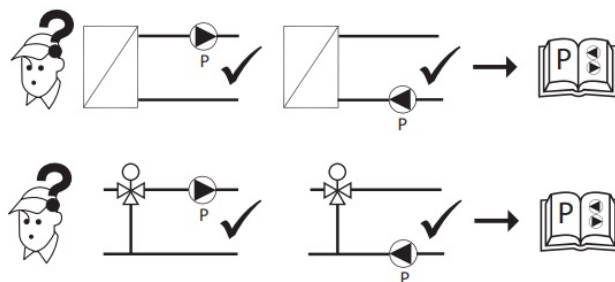
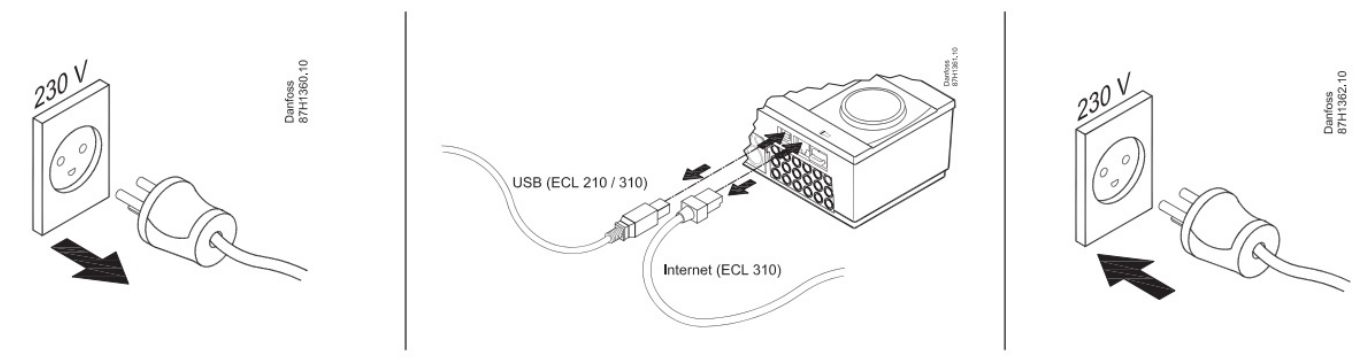
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Danfoss ECL Comfort 210 Controllers

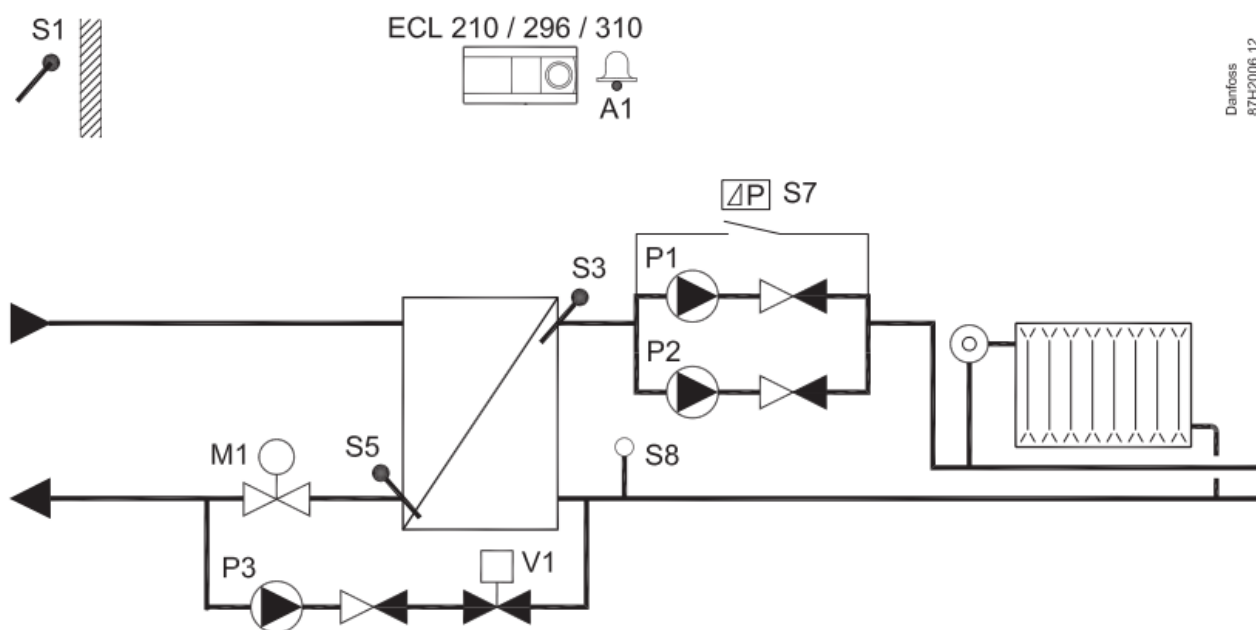


CONNECTION



INSTALLATION INSTRUCTION

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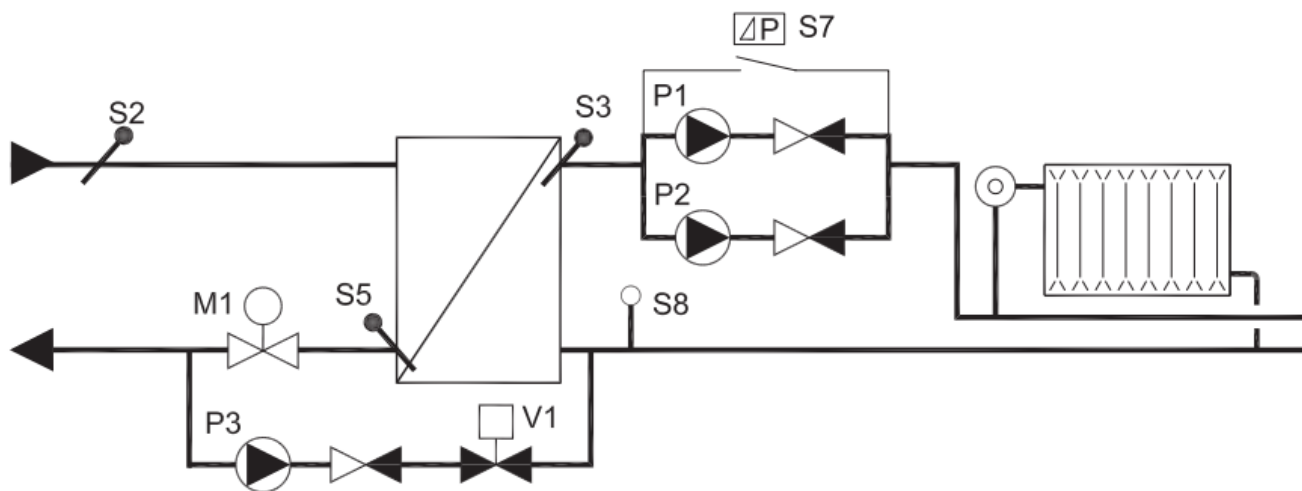
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ECL 210 / 296 / 310



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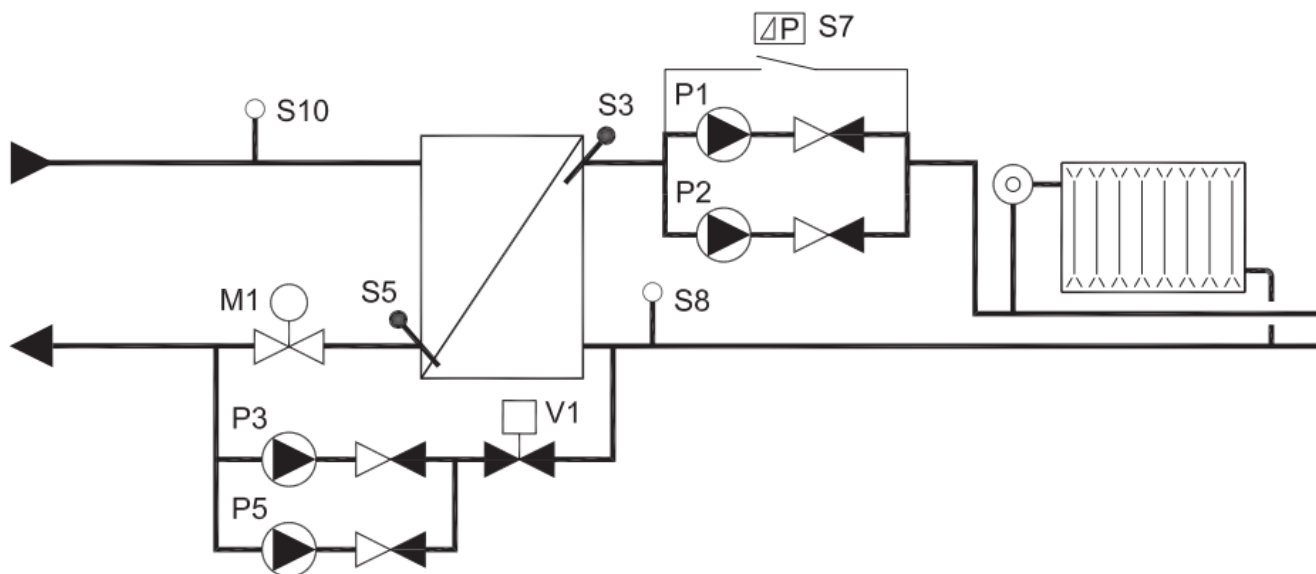
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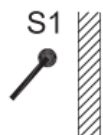
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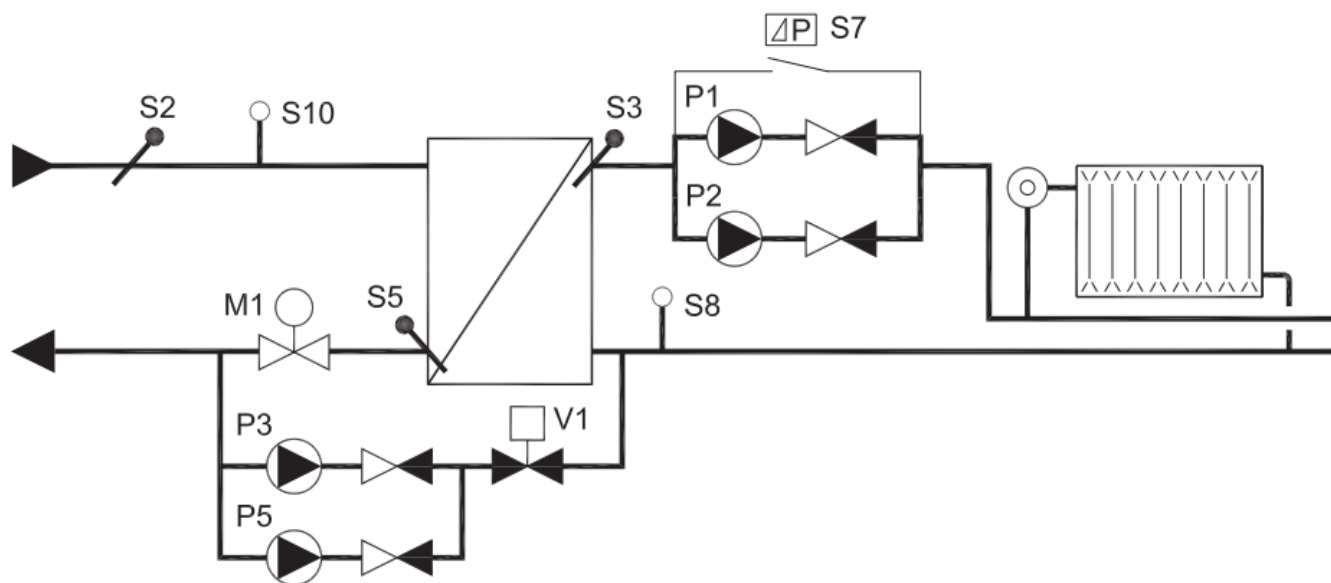
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ECL 310

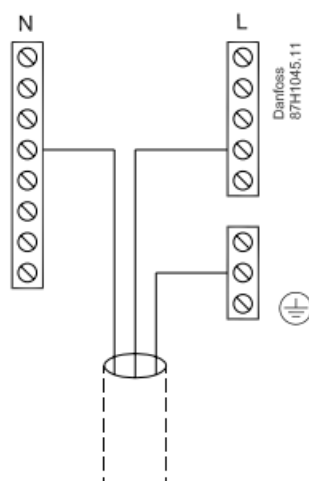


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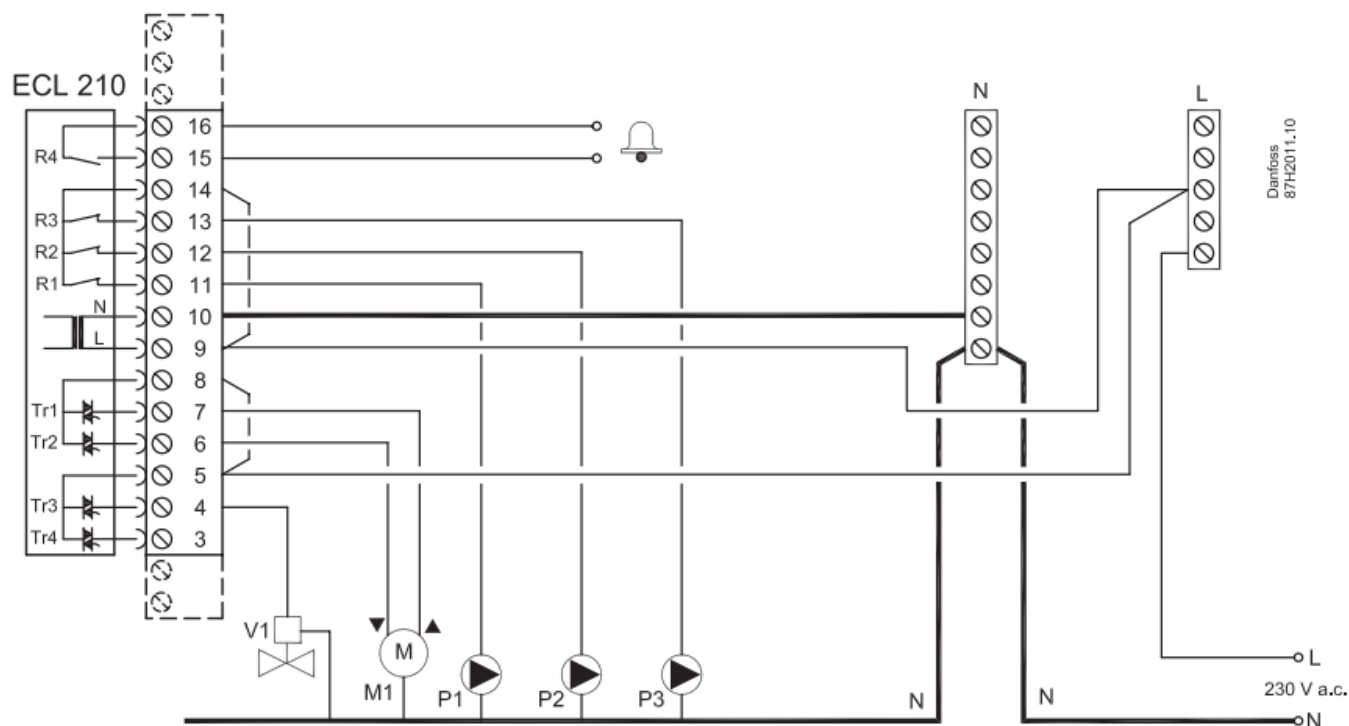


ECL Comfort 210 / 296 / 310: 230 V a.c.

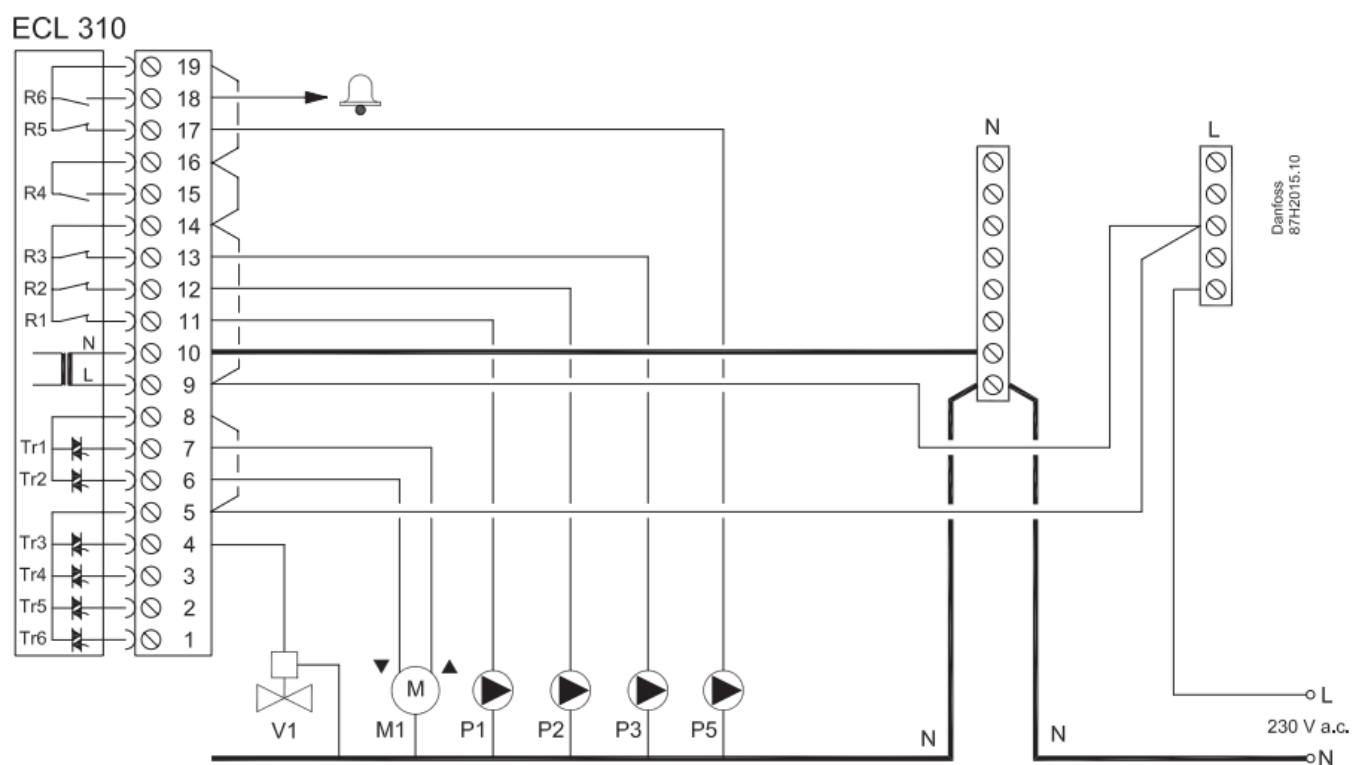
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Tr	0,2 A / 230 V a.c.






230 V a.c. , A231.1 / A231.2





230 V a.c., A331.1 / A331.2



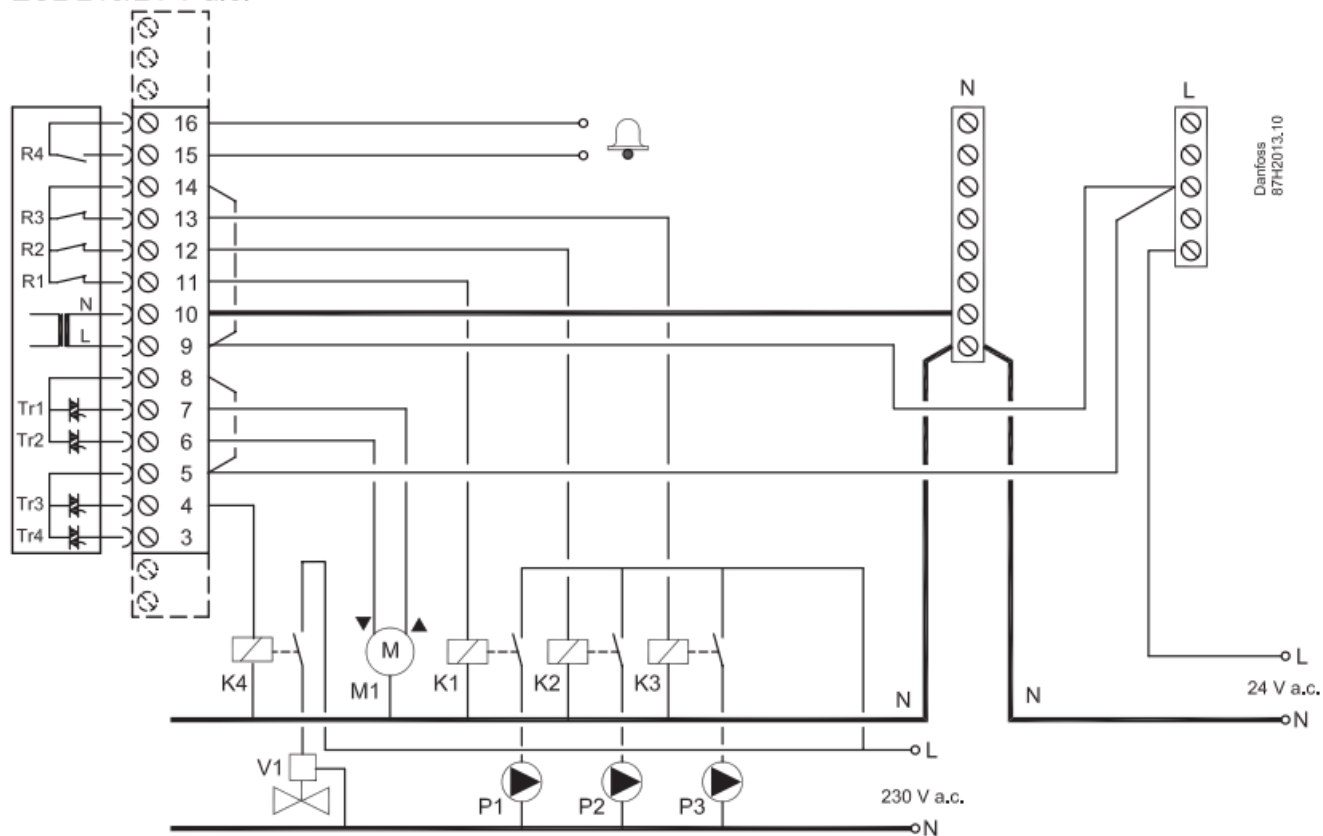
ECL Comfort 210 / 296 / 310: 24 V a.c.

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R 	
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24 V a.c., A231.1 / A231.2

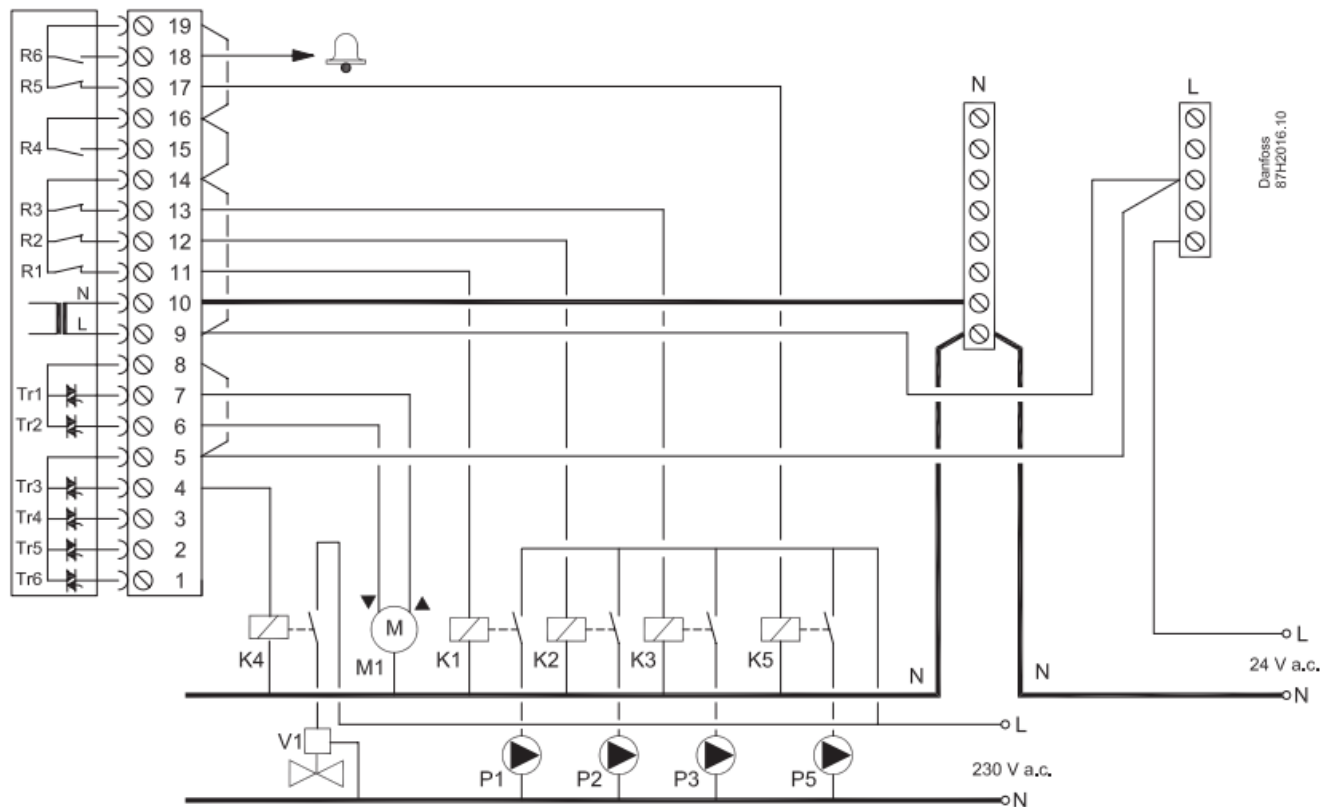
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ECL 210/24 V a.c.



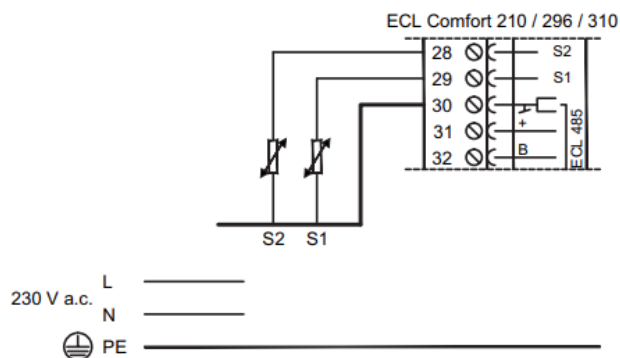
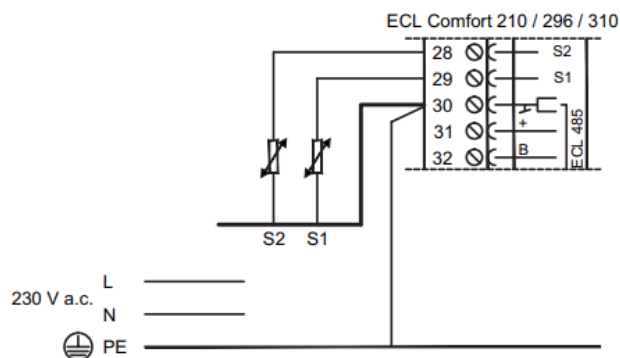
24 V a.c., A331.1 / A331.2

ECL 310/24 V a.c.



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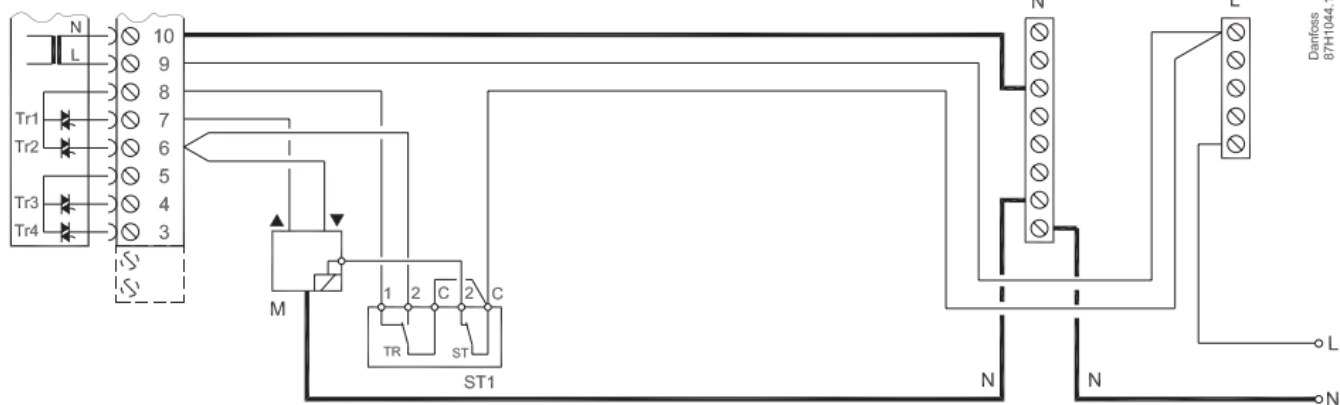
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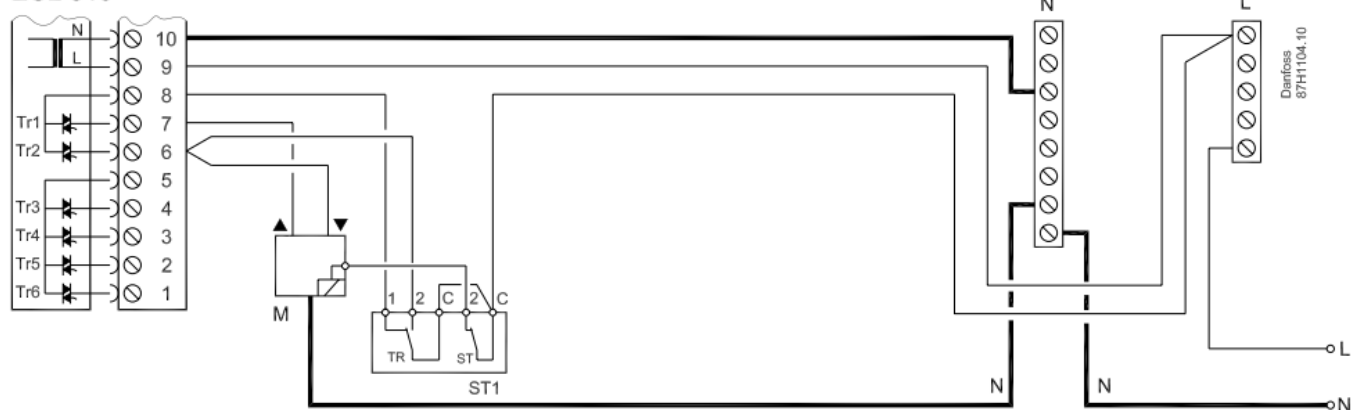
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24 V a.c. / 230 V a.c. safety thermostat

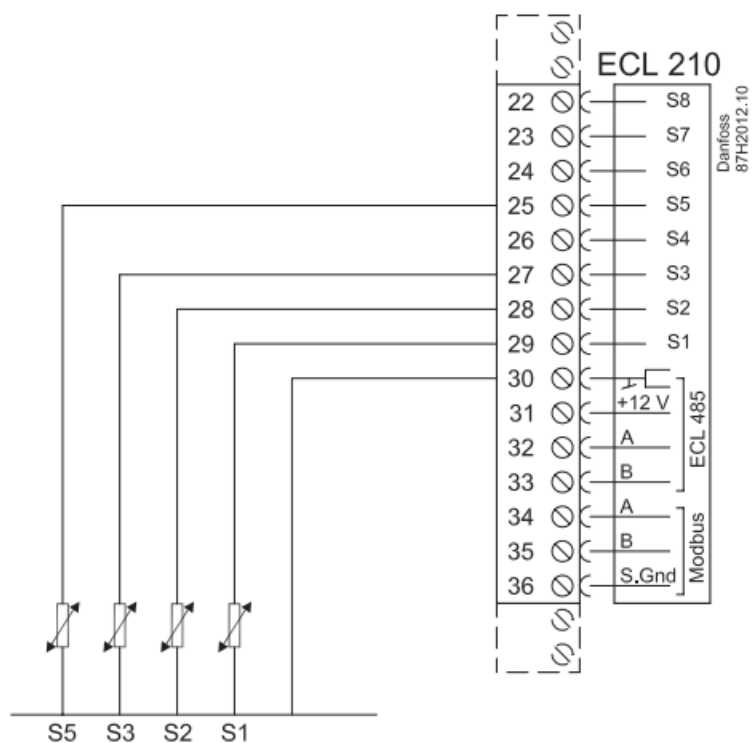
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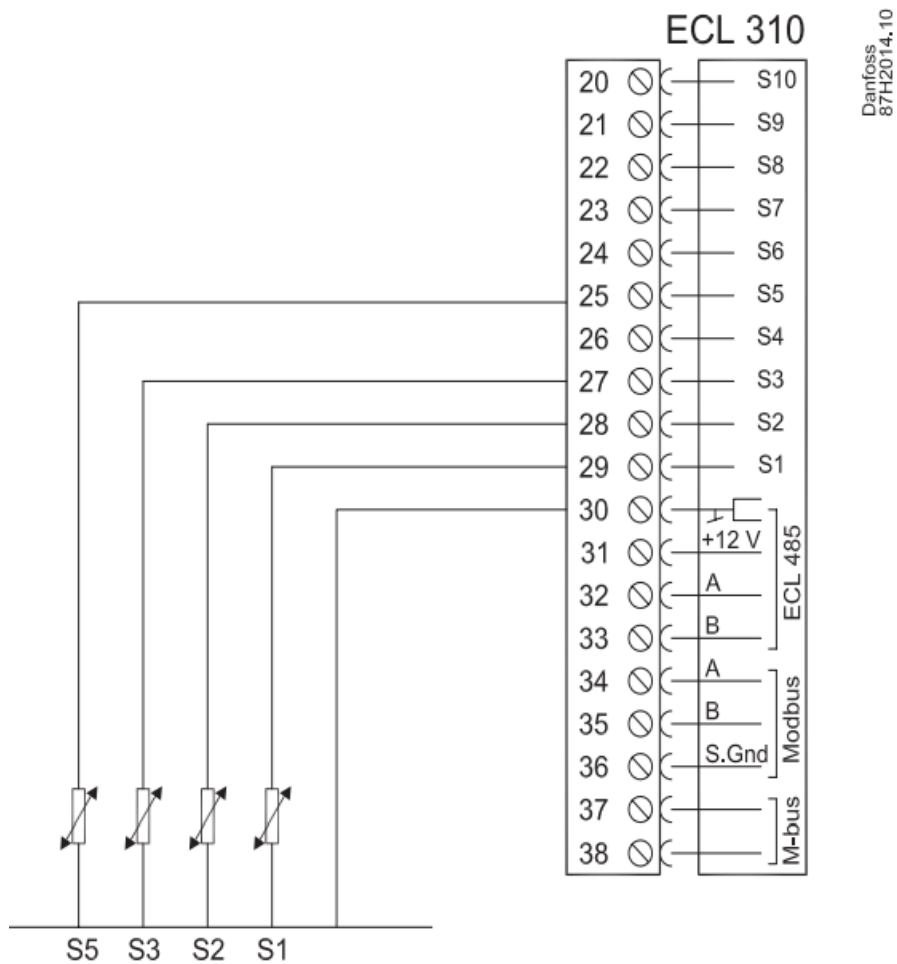
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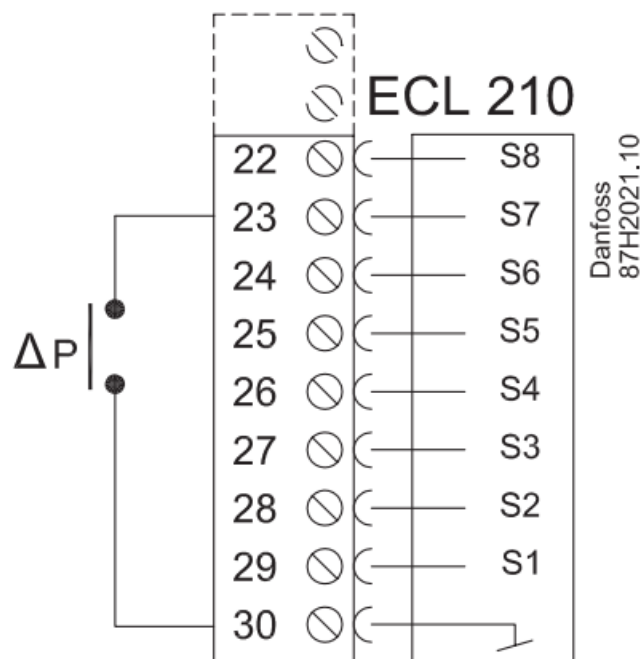
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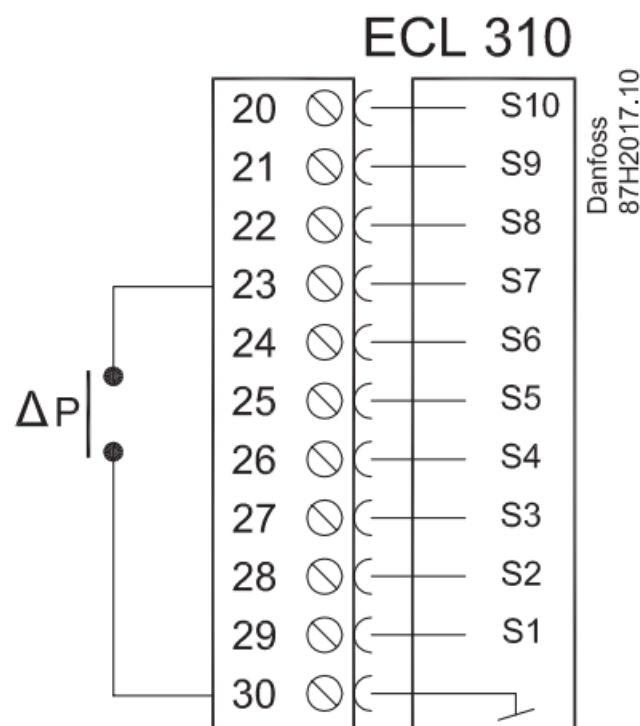
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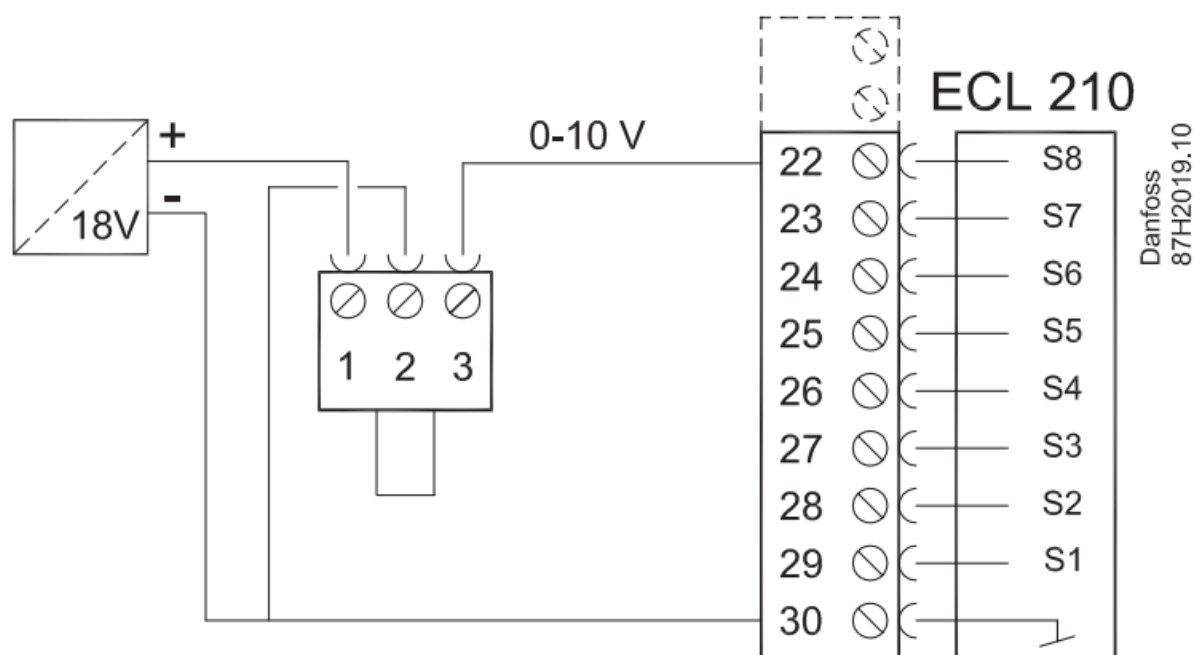
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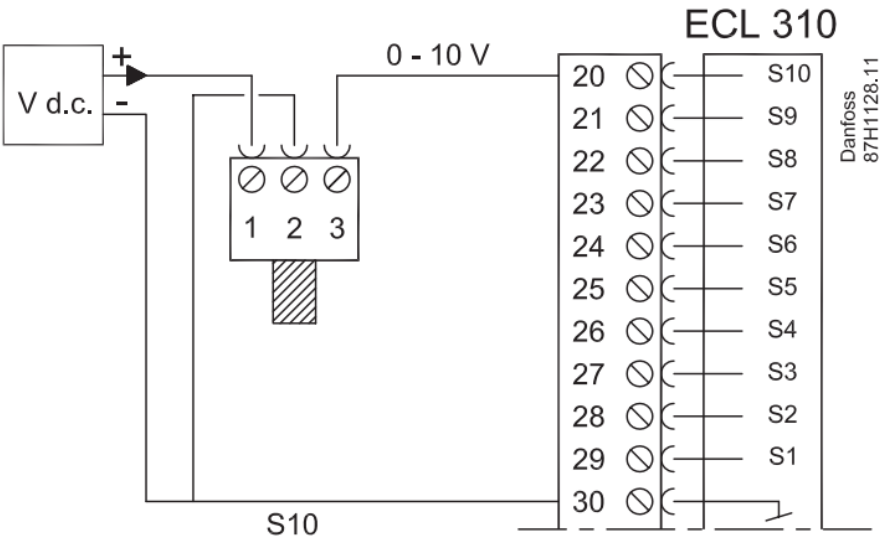
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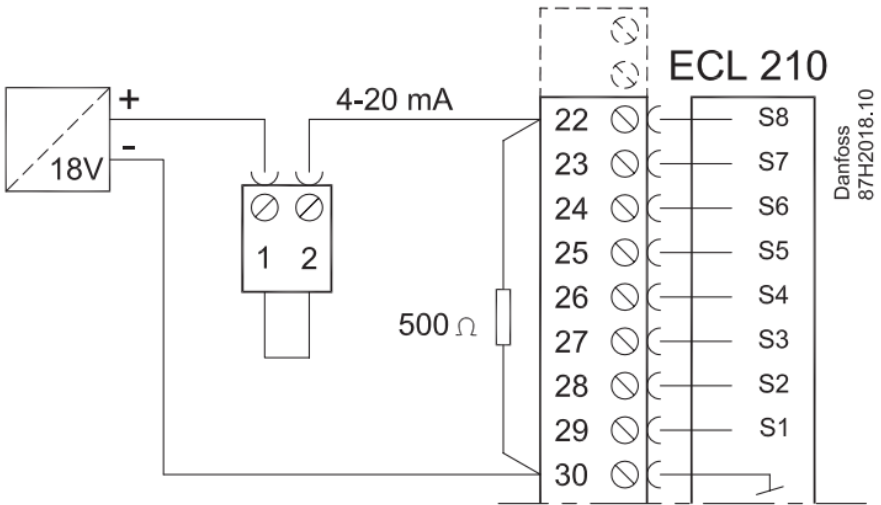
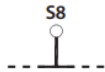
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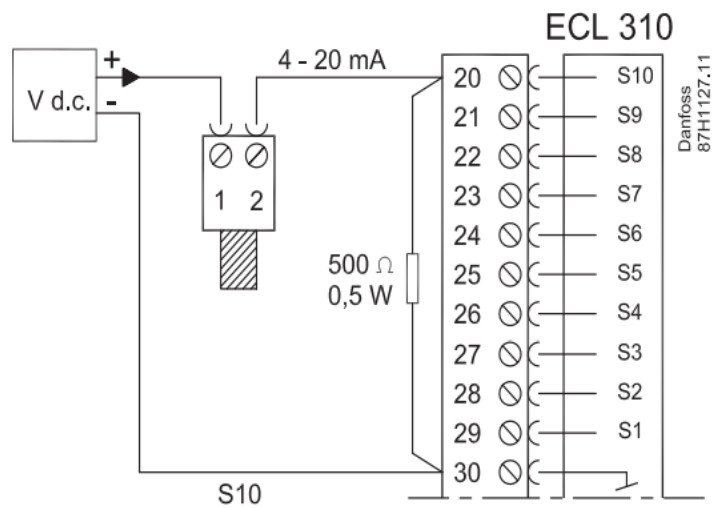
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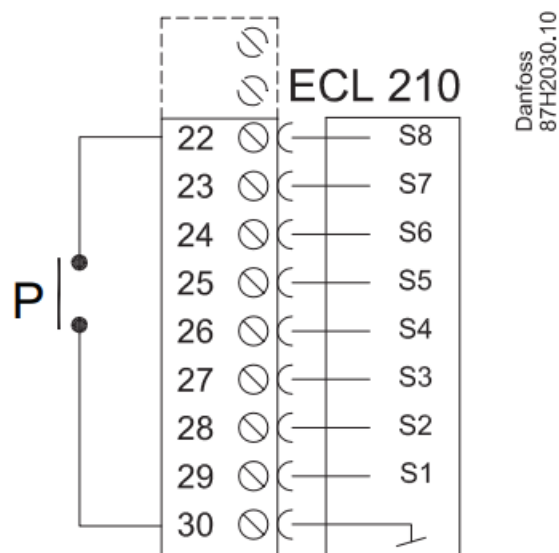
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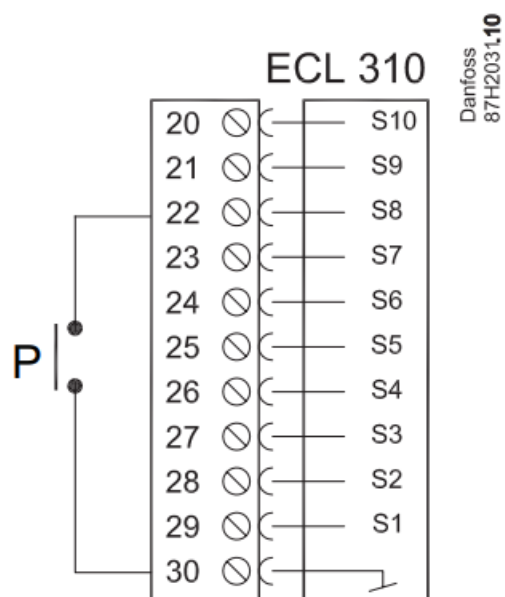
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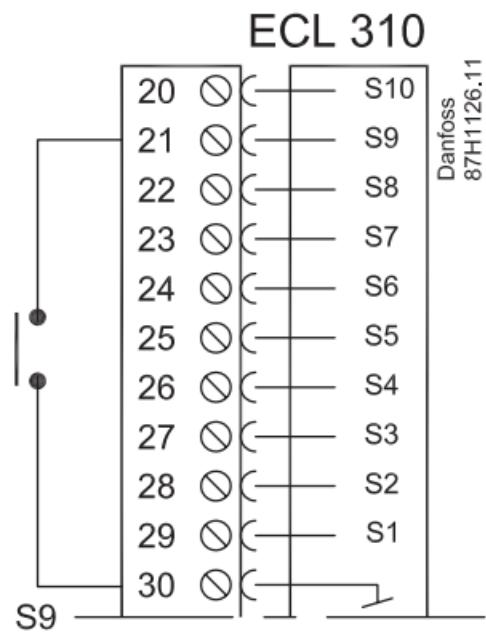


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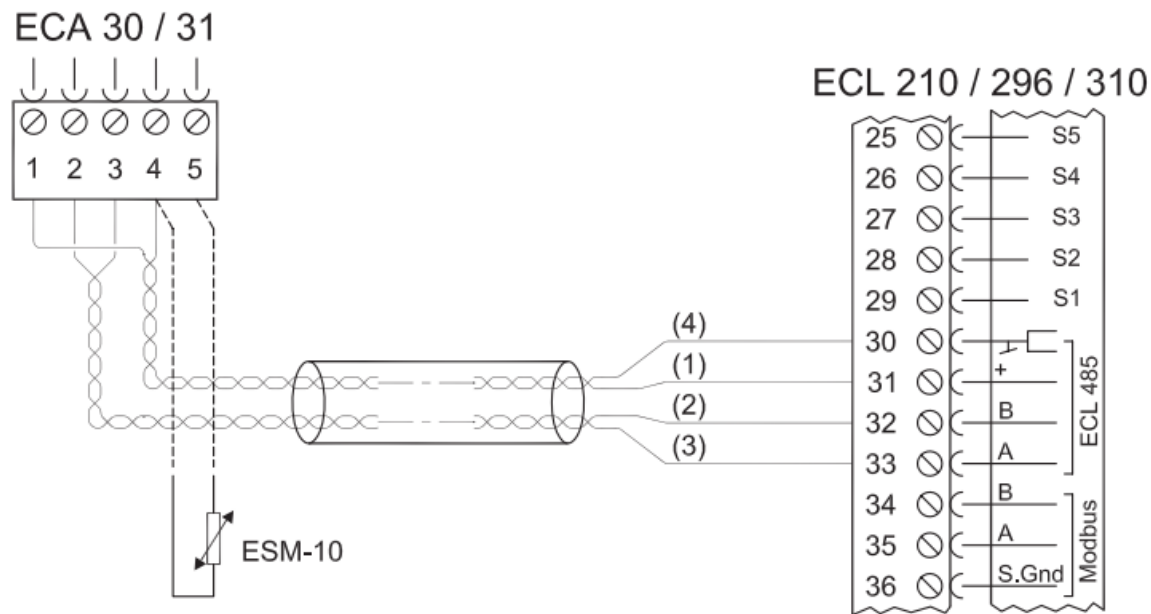


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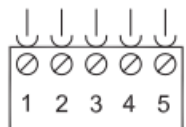




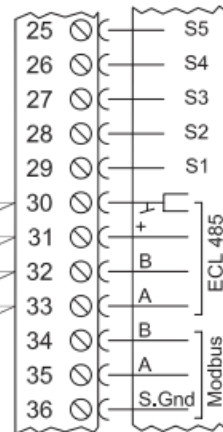
ECA 30 / 31



ECA 30 / 31

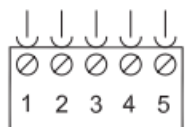


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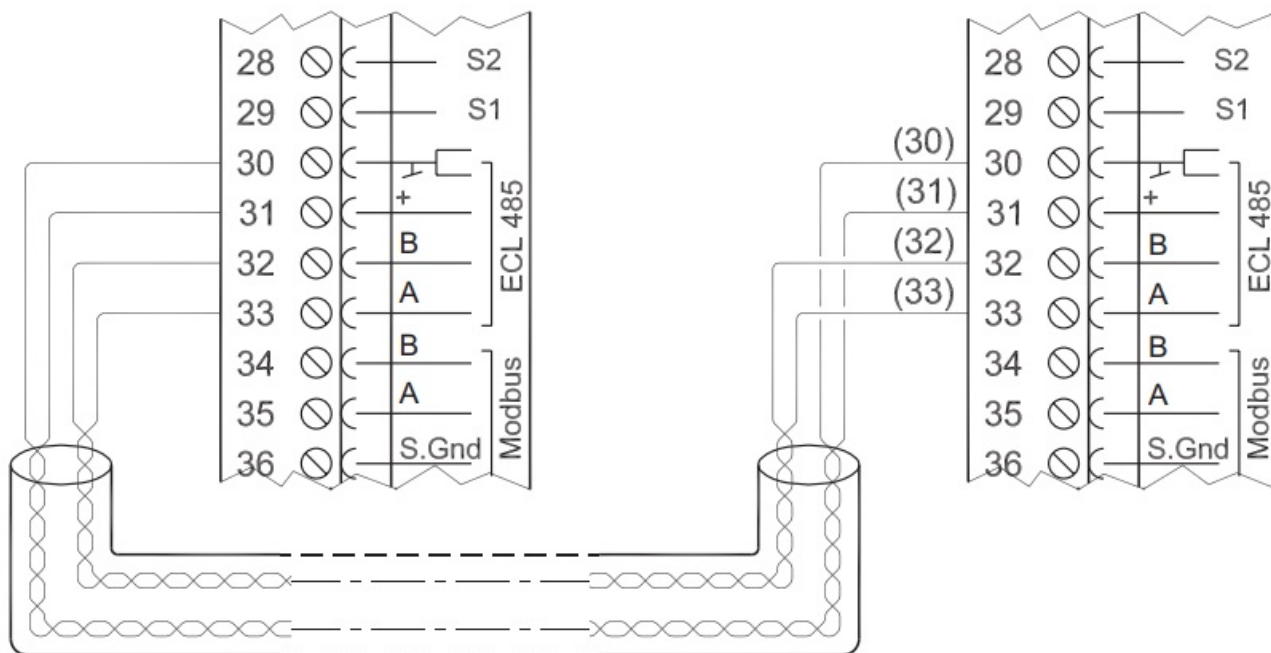
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ESM-10

ESM-10

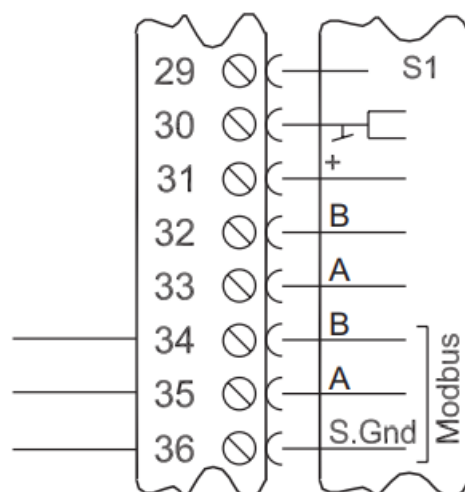
Master / slave



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Modbus

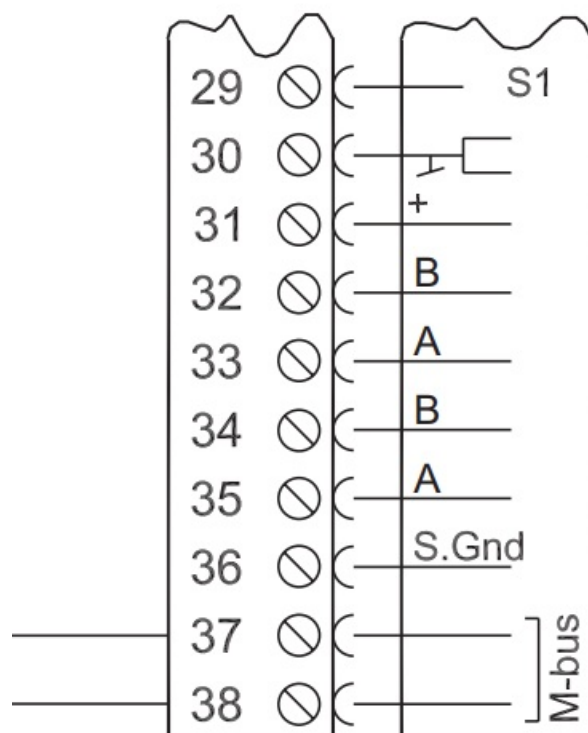
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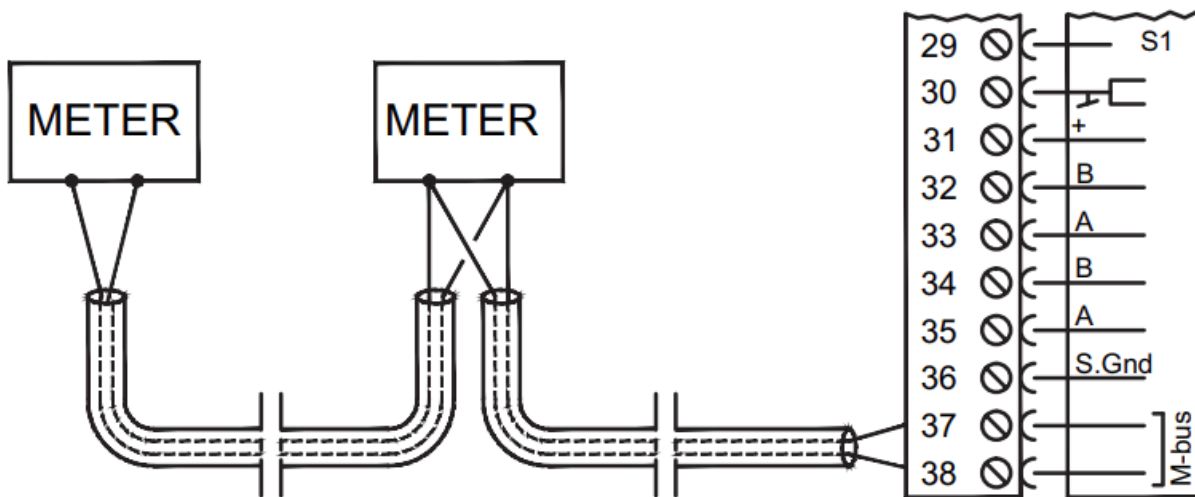
M-bus

ECL 296 / 310

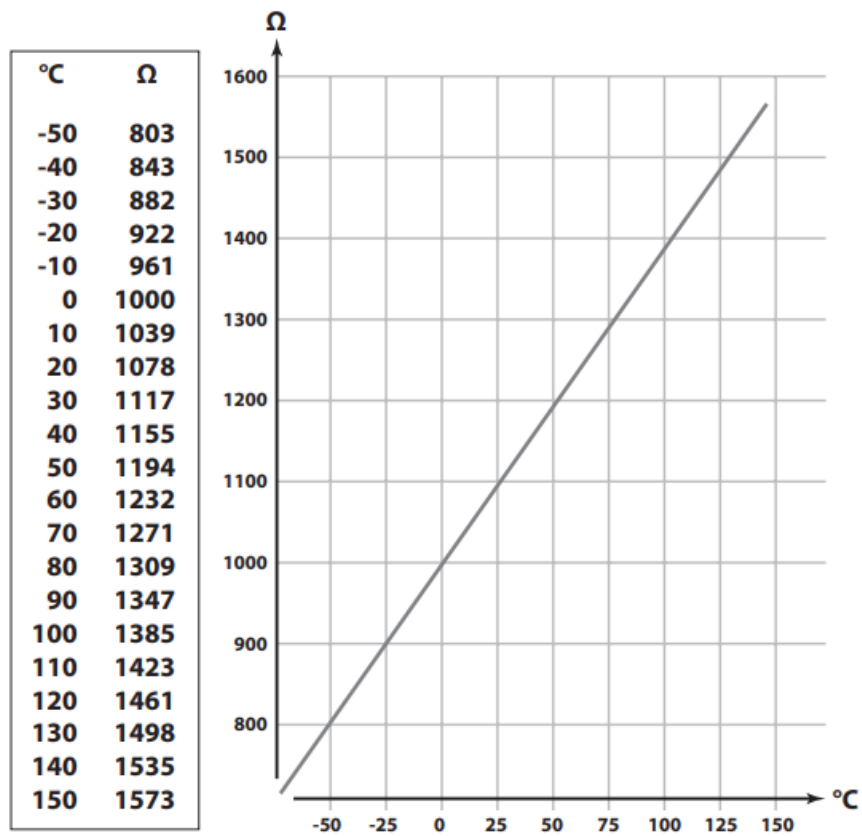


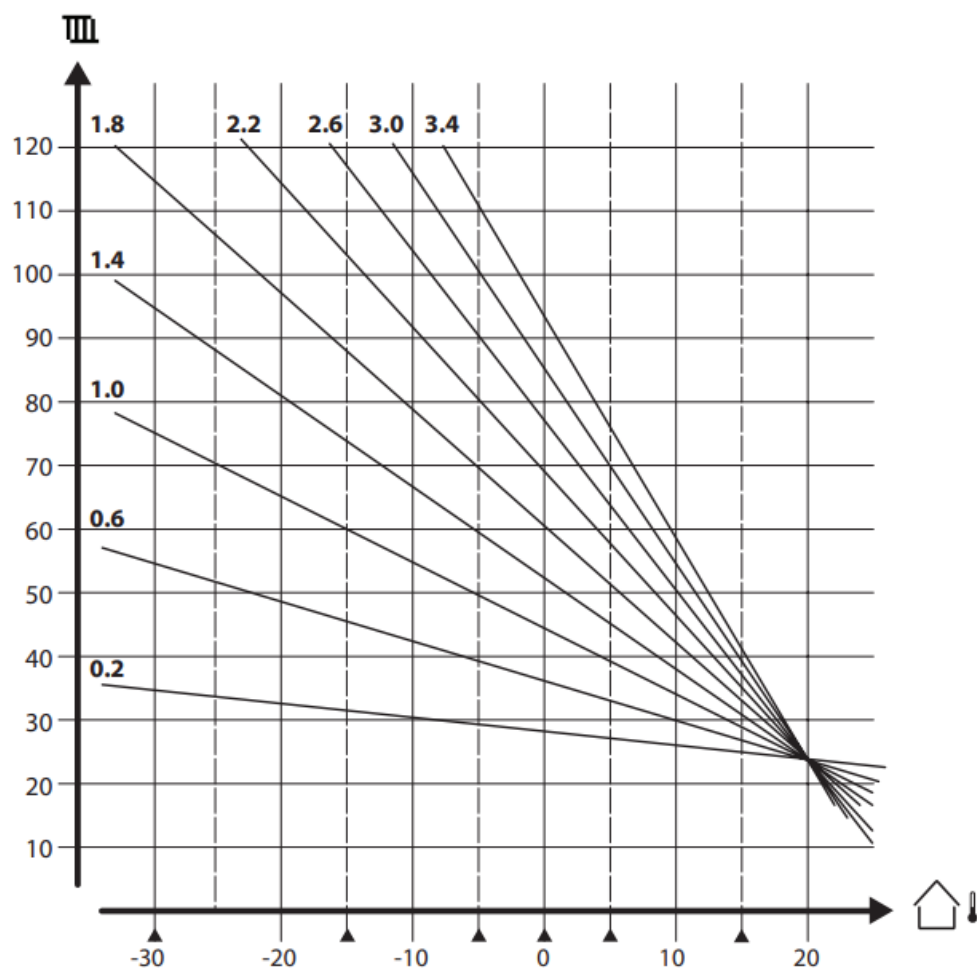
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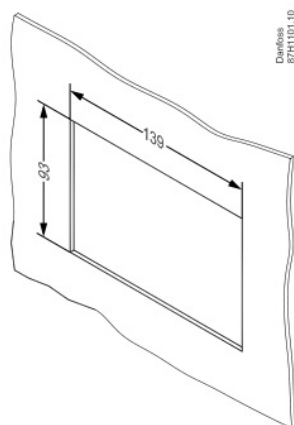
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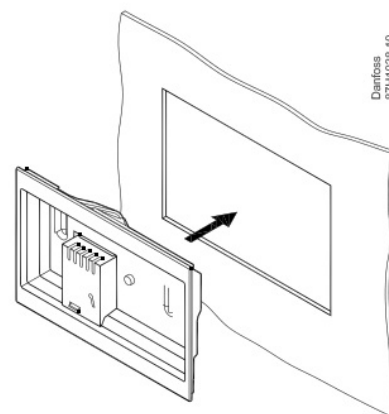


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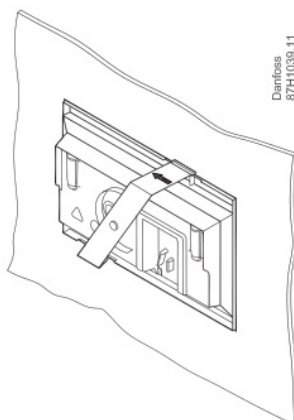
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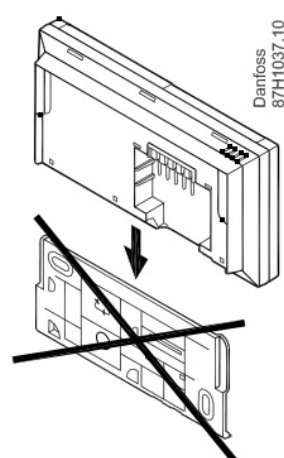
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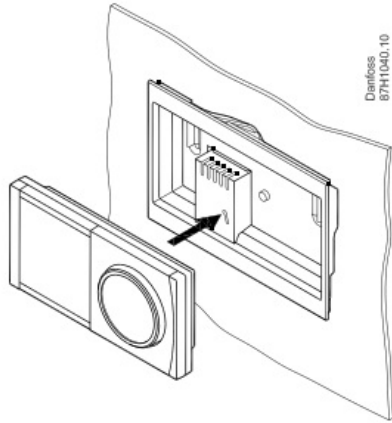
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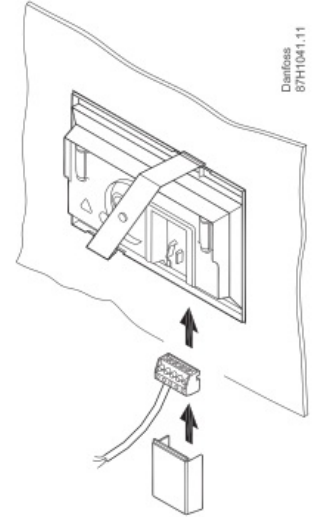
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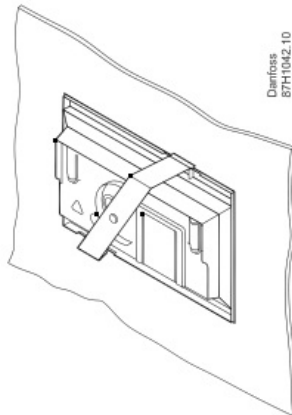
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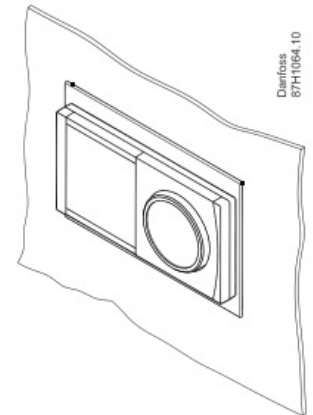
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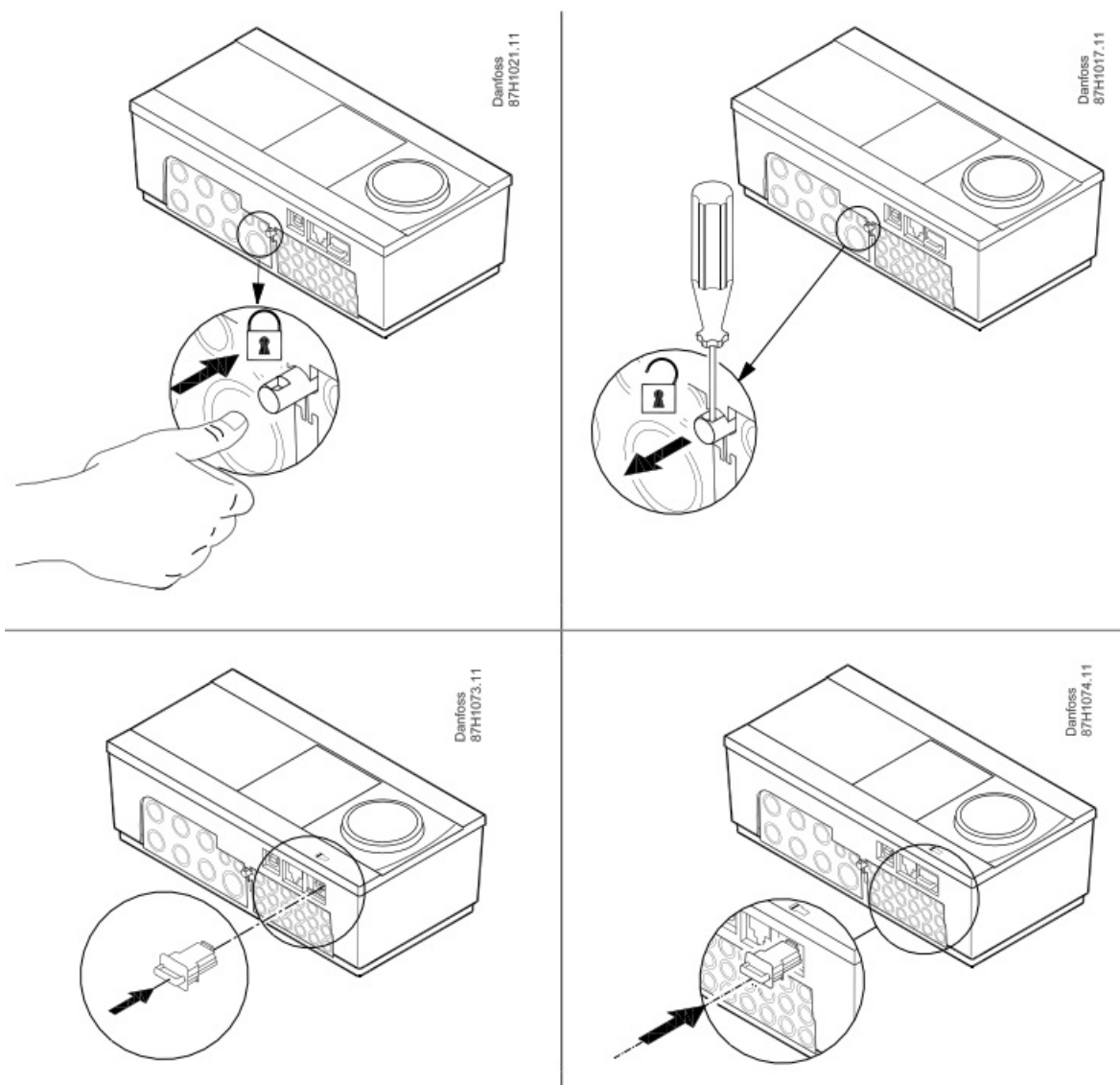


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- ECL Comfort 210 / 296 / 310, A231 / A331: www.heating.danfoss.com
- <https://www.youtube.com/user/DanfossHeating> -> Playlists -> How-to Videos -> District Energy installation videos.

Danfoss A/S

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Product Specifications

- **Model:** ECL Comfort 210 / 296 / 310, A231 / A331
- **Power Supply:** 230 V a.c. / 24 V a.c.
- **Current:** 4 (2) A / 230 V a.c., 0.2 A / 230 V a.c., 4 (2) A / 24 V a.c., 1 A / 24 V a.c.
- **Thermostat Type:** Safety Thermostat

Product Usage Instructions

Installation

1. Ensure the power supply matches the product requirements (230 V a.c. or 24 V a.c.).
2. Connect the corresponding wires to the L, N, and PE terminals as indicated in the manual.
3. Mount the device securely following the provided guidelines.
4. For safety, install the 24 V a.c. / 230 V a.c. Safety thermostat as instructed.

Setup and Configuration

1. Refer to the manual for specific setup instructions based on the model (A231 or A331).
2. Configure the master/slave settings if applicable for your setup.
3. For Modbus or M-bus communication, follow the provided guidelines to establish connections.

Operation

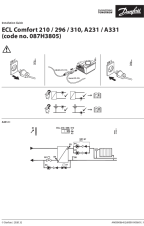

1. Power on the device and set the desired parameters using the control interface.
2. Monitor the device for any alerts or notifications that may indicate issues.
3. Regularly check and maintain the device as per the maintenance instructions provided in the manual.

Frequently Asked Questions

Q: Where can I find further support or resources for ECL Comfort 210 / 296 / 310, A231 / A331?

A: For additional support, visit the official Danfoss website at www.heating.danfoss.com. You can also check out instructional videos on the Danfoss Heating YouTube channel under Playlists -> How-to Videos -> District Energy installation videos.

Documents / Resources

	Danfoss ECL Comfort 210 Controllers [pdf] Installation Guide ECL Comfort 210 Controllers, ECL Comfort 210, Controllers
	Danfoss ECL Comfort 210 Controllers [pdf] Installation Guide ECL Comfort 210 Controllers, ECL Comfort 210, Controllers

References

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

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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