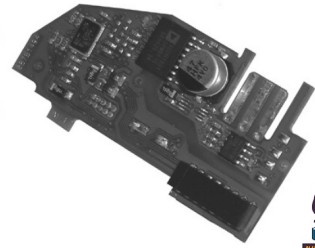


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**ECA 71 ECL
Comfort Modbus**



Danfoss ECA 71 ECL Comfort Modbus Instructions

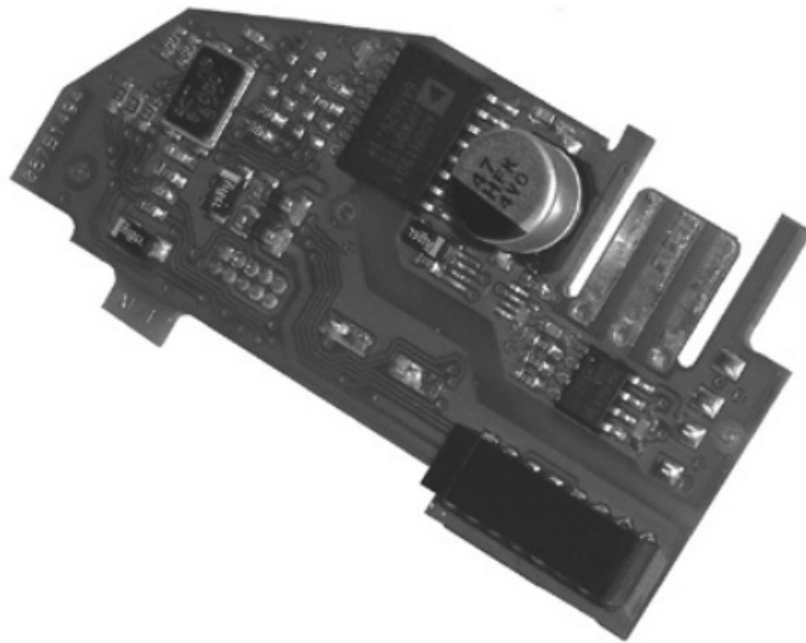
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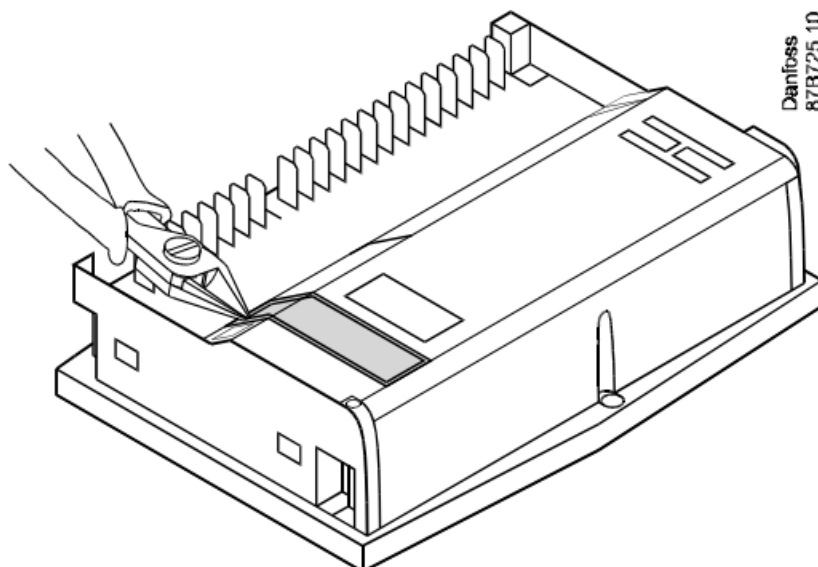


Product Specifications

- Model: DH-SMT/DK
- Compatibility: ECL Comfort Controller
- Network Connection: MODBUS
- Isolation: Galvanic isolation for 2 poles + common
- Resistors: No pull-up/down resistors or termination resistors

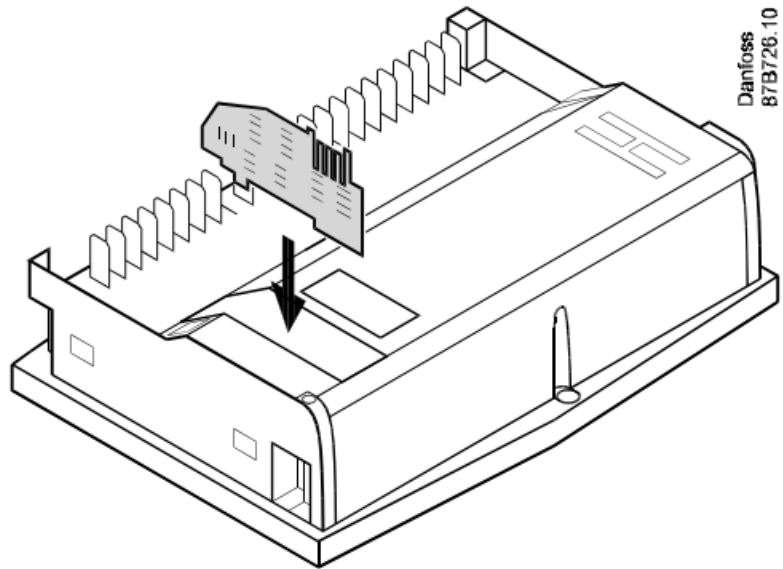
Step 1: Dismounting Cover Plate

- Dismount cover plate B on the rear side of the ECL Comfort controller by using a small wire cutter.
- Remove (cut out) cover B on the back of the ECL Comfort using small pliers.



Step 2: Inserting MODBUS Module

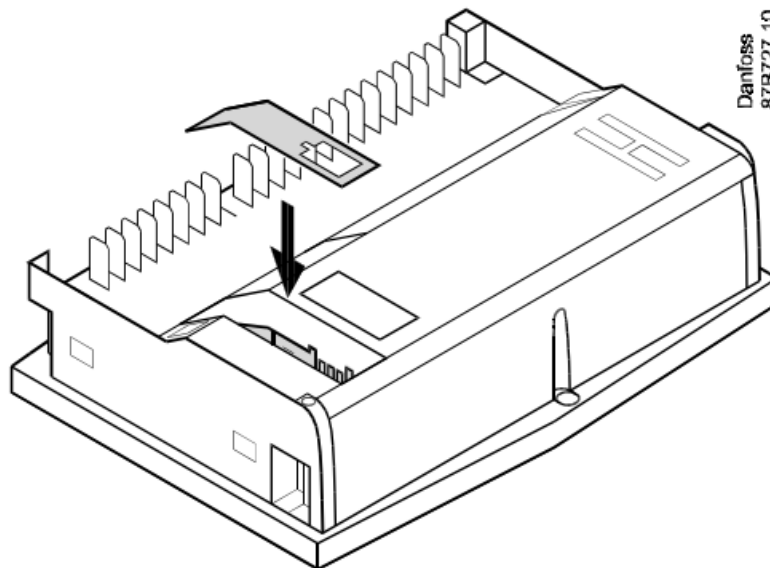
- Insert the MODBUS module into the slides and press it gently into the connector on the ECL Comfort CPU board.



- Gently slide the MODBUS module board into the slot on the ECL Comfort CPU board and press to ensure proper connection.

Step 3: Mounting New Cover Plate

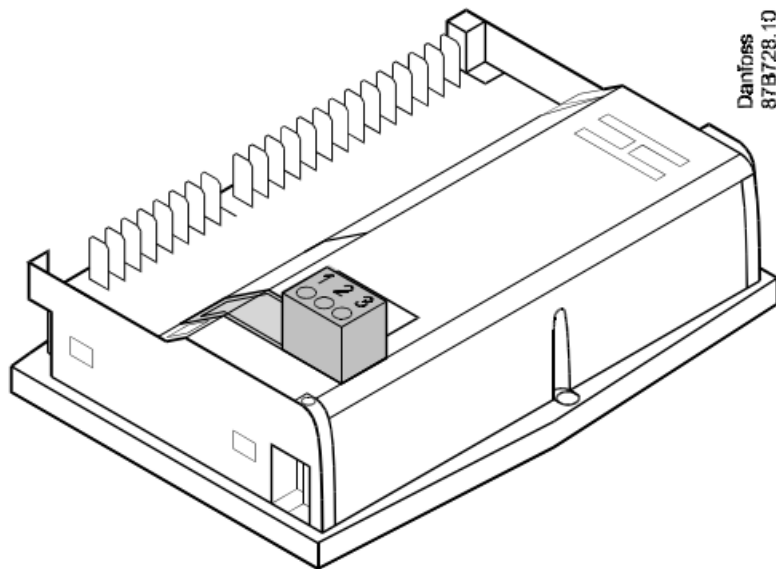
- Insert the MODBUS module into the slides and press it gently into the connector on the ECL Comfort CPU board.



- Install the new B hole cover supplied

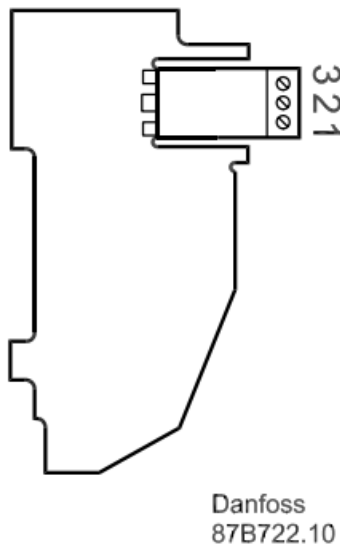
Step 4: Connector Insertion

1. The connector must be inserted into the ECL Comfort as shown here.



2. Connect the electrical connector to the ECL Comfort, as shown in the picture.

Pin connection



- Pin 1 Network connection MODBUS B / DATA + / D1
- Pin 2 (middle) Common / SGND
- Pin 3 Network connection MODBUS A / DATA – / D0

2 poles plus + common are galvanically isolated. The pins are not interchangeable. There are no pull-up / down resistors and no termination resistors.

FAQs

Q: Are the pins interchangeable?

A: No, the pins are not interchangeable. Please refer to the pin connection details for proper orientation.

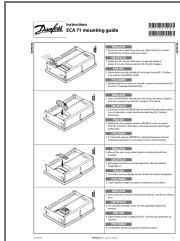
Q: Are there any pull-up/pull-down resistors included?

A: No, there are no pull-up/down resistors included with the product.

Q: Is galvanic isolation provided for all poles?

A: Galvanic isolation is provided for 2 poles + common. Ensure proper connection as per the specifications.

Documents / Resources



[Danfoss ECA 71 ECL Comfort Modbus](#) [pdf] Instructions

087R9768, 087R9768, ECA 71 ECL Comfort Modbus, ECA 71, ECL Comfort Modbus, Comfort Modbus, Modbus

References

- [User Manual](#)

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

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