



Danfoss MCX Programmable Controllers Installation Guide

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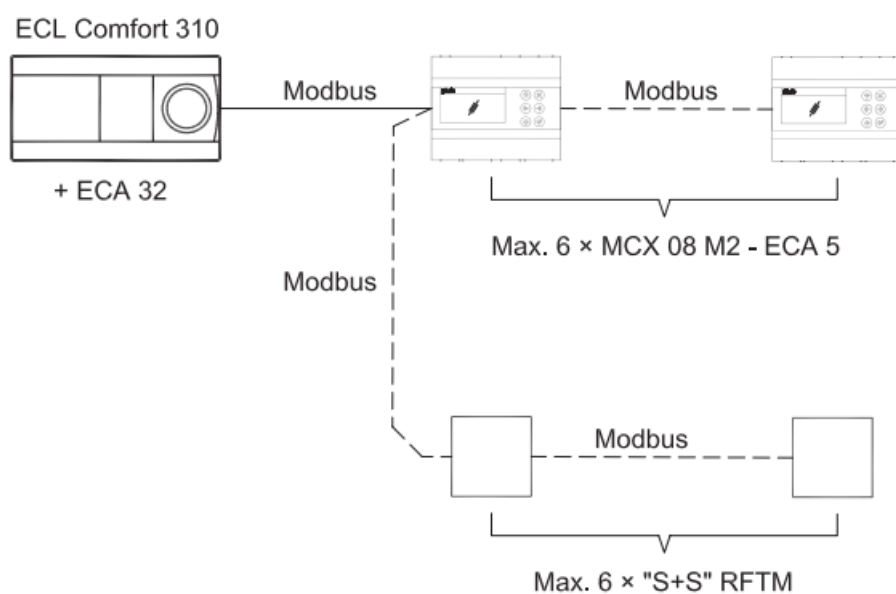
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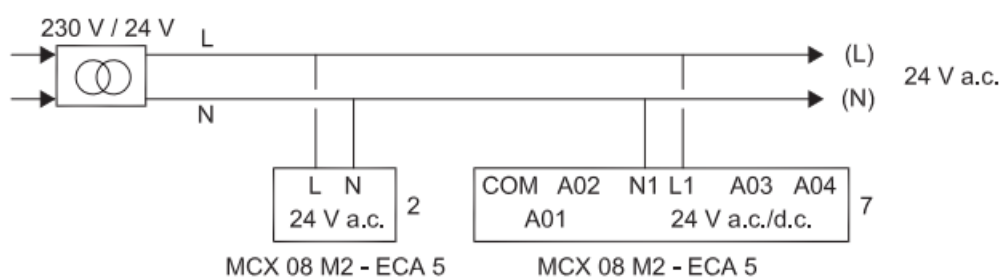
Danfoss MCX Programmable Controllers



Modbus system

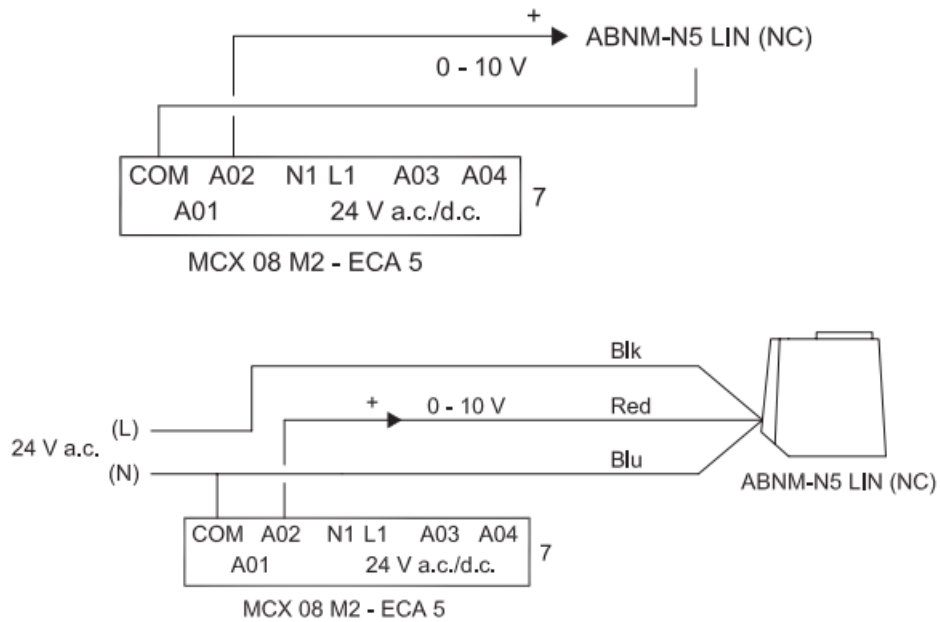


Power connection



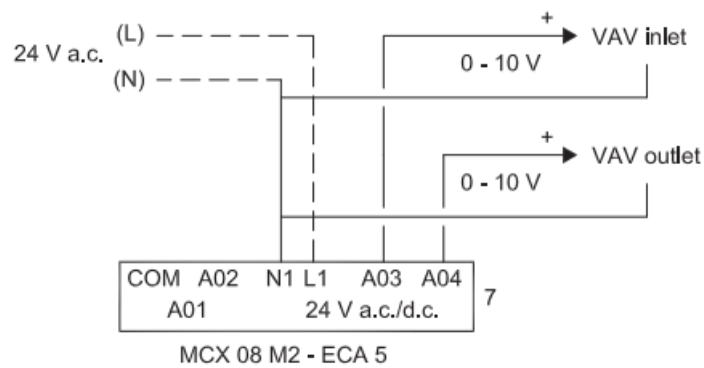
Analog output

A02

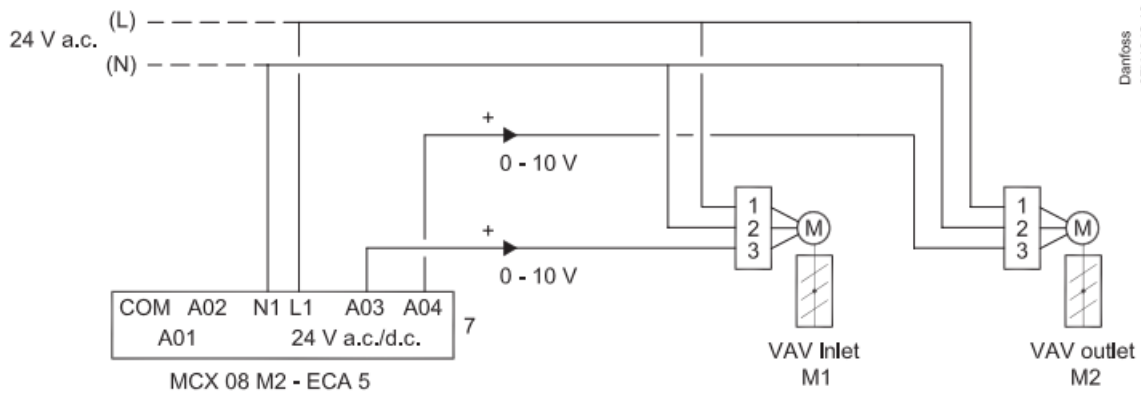


- **Blk** = Black, Schwartz, Noire, Sort
- **Red** = Red, Rot, Rouge, Rød
- **Blu** = Blue, Blau, Bleu, Blå

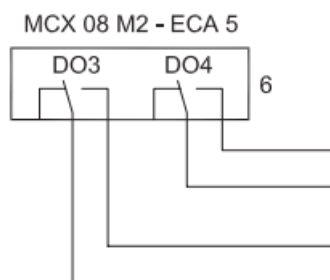
Analog output:



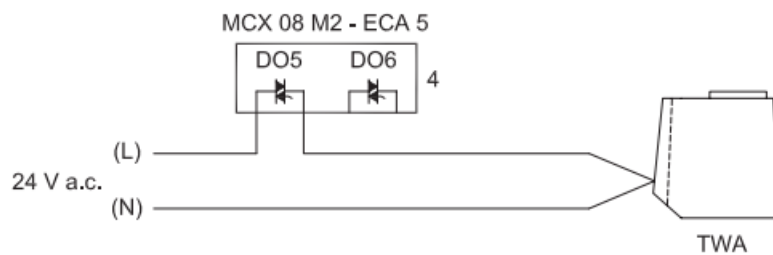
- **A03, A04**
- **A03:** VAV inlet control
- **A04:** VAV outlet control
- **Analog output**
- **A03, A04**



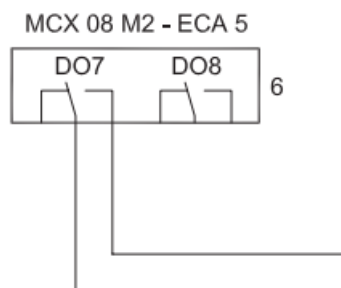
Digital output



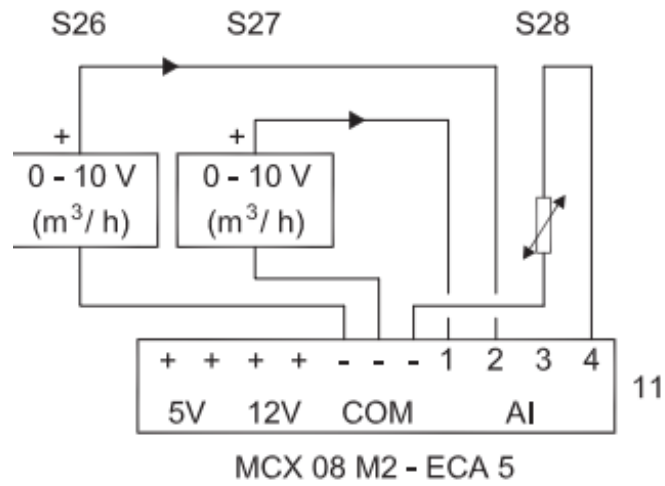
- DO3, DO4
- **DO3:** Forced override
- **DO4:** Time-limited override
- **Digital output:** DO5



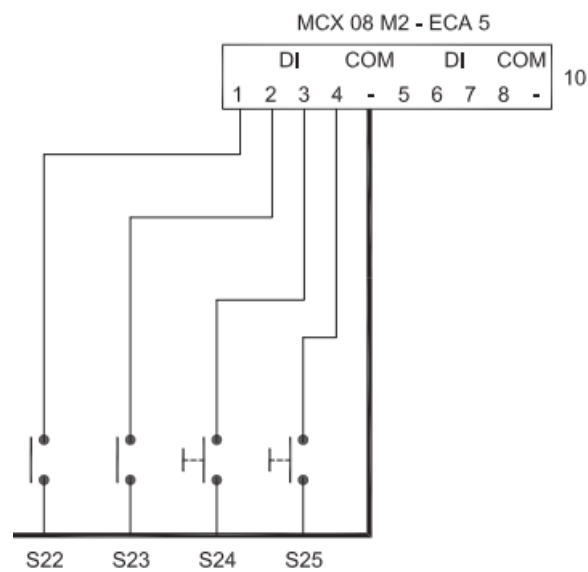
- **Digital output:** DO7
- **DO7:** Schedule / Thermostat



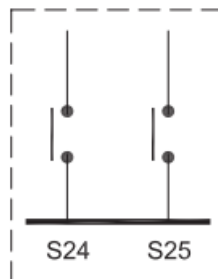
- **Analog input:** AI1, AI2, AI4
- **S26:** VAV inlet volume
- **S27:** VAV outlet volume
- **S28:** Window temperature, Pt 1000



- **Digital input:** DI1, DI2, DI3, DI4

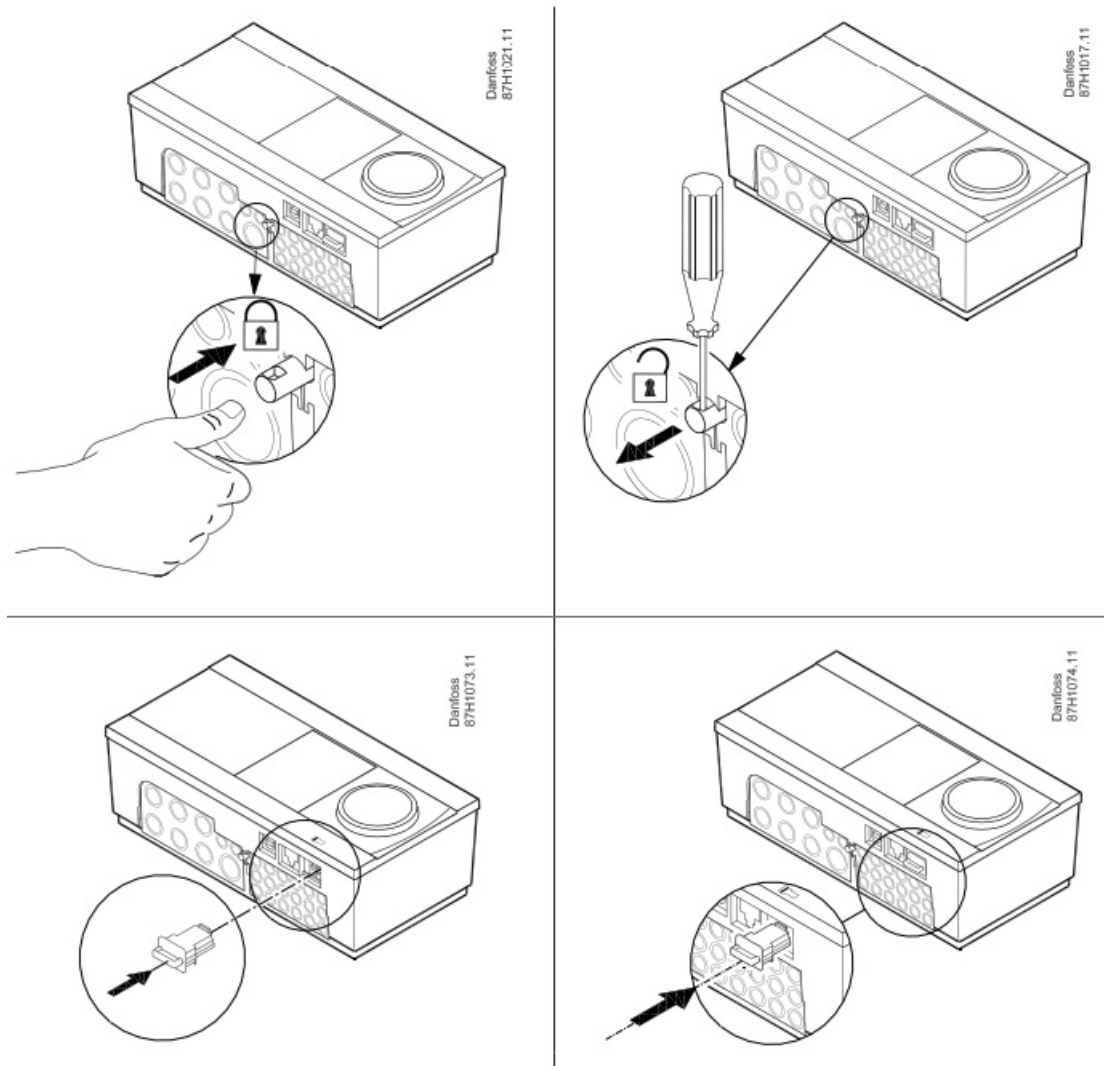


- **S22:** PIR
- **S23:** Window
- **S24:** Time-limited override
- **S25:** Forced override
- **Digital input:** DI3, DI4 Alternative



- **Modbus:** ECL 310 – MCX 08 M2 – ECA 5

INSTALLATION



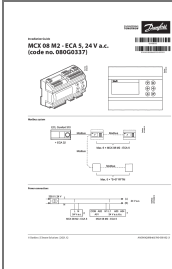
- ECL Comfort 310: www.danfoss.com
- MCX 08 M2: www.danfoss.com
- <https://www.youtube.com/user/DanfossHeating>
- Playlists -> How-to Videos -> District Energy installation videos

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Any information, including, but not limited to information on the selection of the product, its application or use, product design, weight, dimensions, capacity, or any other technical data in product manuals, catalogs descriptions, advertisements, etc., and whether made available in writing, orally, electronically, online or via download, shall be considered informative and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogs, brochures, videos, and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or the function of the product. All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.

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Documents / Resources



[Danfoss MCX Programmable Controllers](#) [pdf] Installation Guide
MCX 08 M2 ECA 5 24 V a.c., MCX Programmable Controllers, MCX, Programmable Controllers
, MCX Controllers

References

- [Danfoss - Engineering Tomorrow | Danfoss](#)