Manuals+ — User Manuals Simplified.

Type AK-CM 102 Communication Module

Danfoss Type AK-CM 102 Communication Module Installation Guide

Contents

Danfoss Type AK-CM 102 Communication Module

Specifications:

- Product Name: Communication Module Type AK-CM 102
- Model Number: 080Z0064
- Power Requirements: Max. 32 VA
- Cable: ANSI/TIA 568 B/C CAT5 UTP cable with RJ45 connectors

Product Usage Instructions

Installation:

1. Ensure the power requirements do not exceed Max. 32 VA.
2. Use ANSI/TIA 568 B/C CAT5 UTP cable with RJ45 connectors for installation.
3. Follow the mounting instructions provided in the manual for AK-CM 102.

Module Addition/Removal:
Exercise caution when adding or removing modules to prevent damage to the communication module.
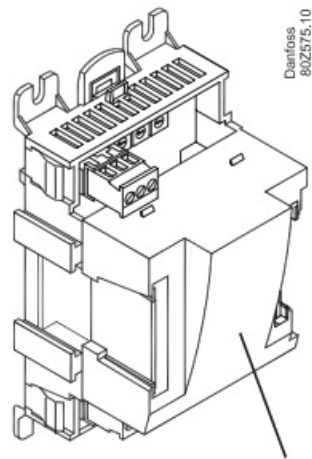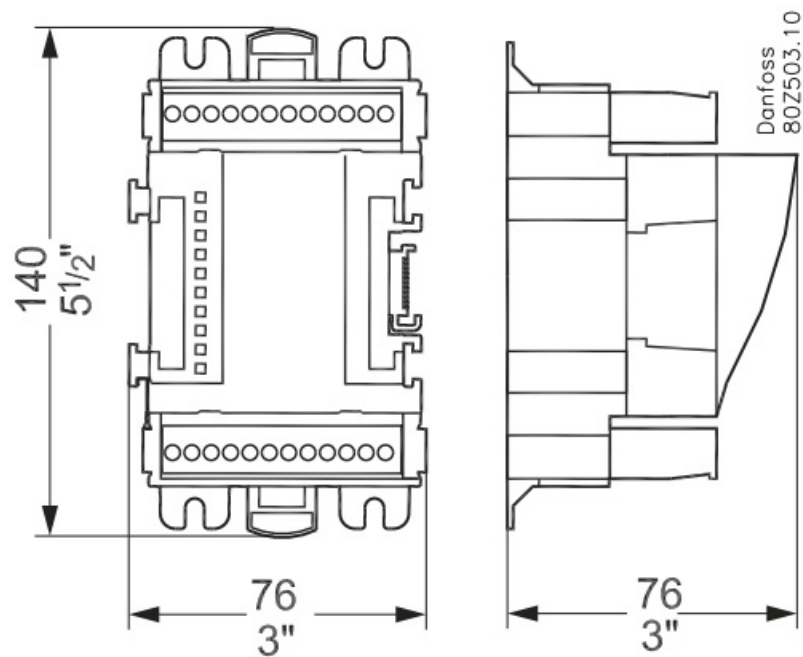
Installation Guide

080R9298

AN03478642264901-000201

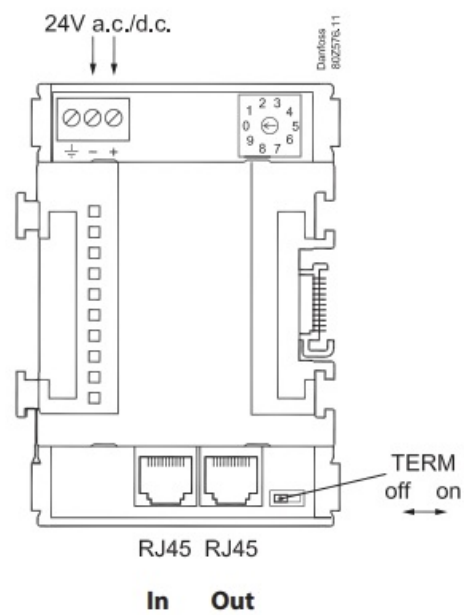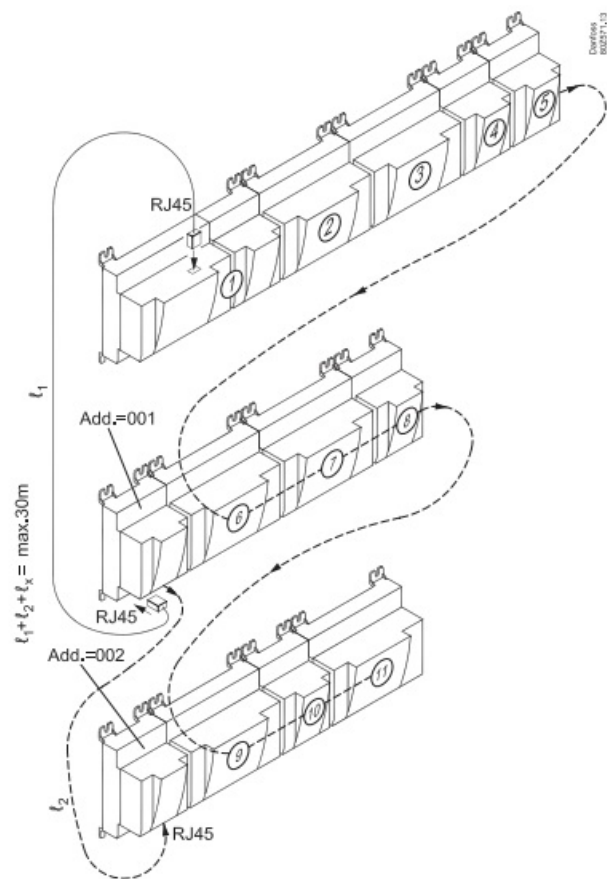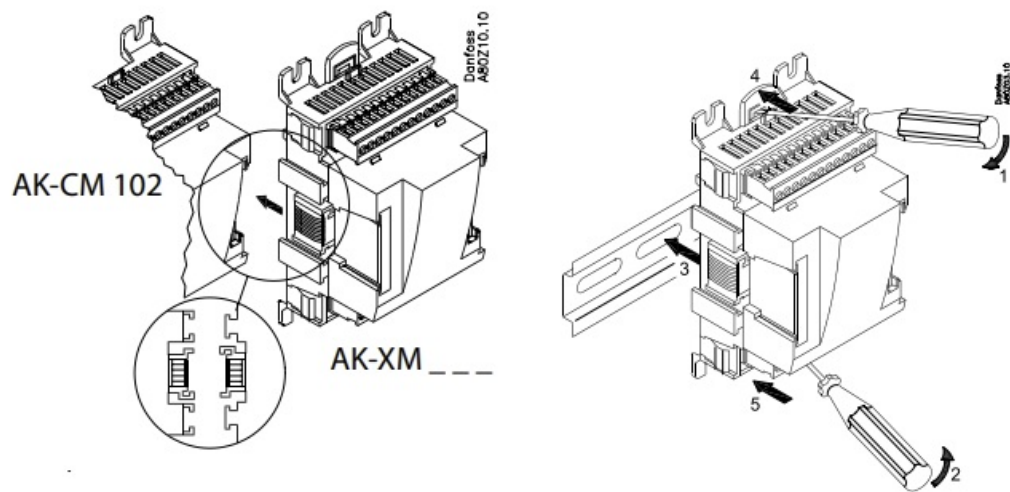**Communication module Type AK-CM 102**

080Z0064

- 24 V AC/DC 2 VA
- 0 °C < tamb < 55 °C
- 32 °F < tamb < 130 °F
- 0 – 95% RH, non condensing IP10 / VBG4
- UL: E357029

Princip

ℓ_1

RJ45

Add.=001

$\ell_1 + \ell_2 + \ell_x = $ max.30m

RJ45

Add.=002

ℓ_2

RJ45

24V a.c./d.c.

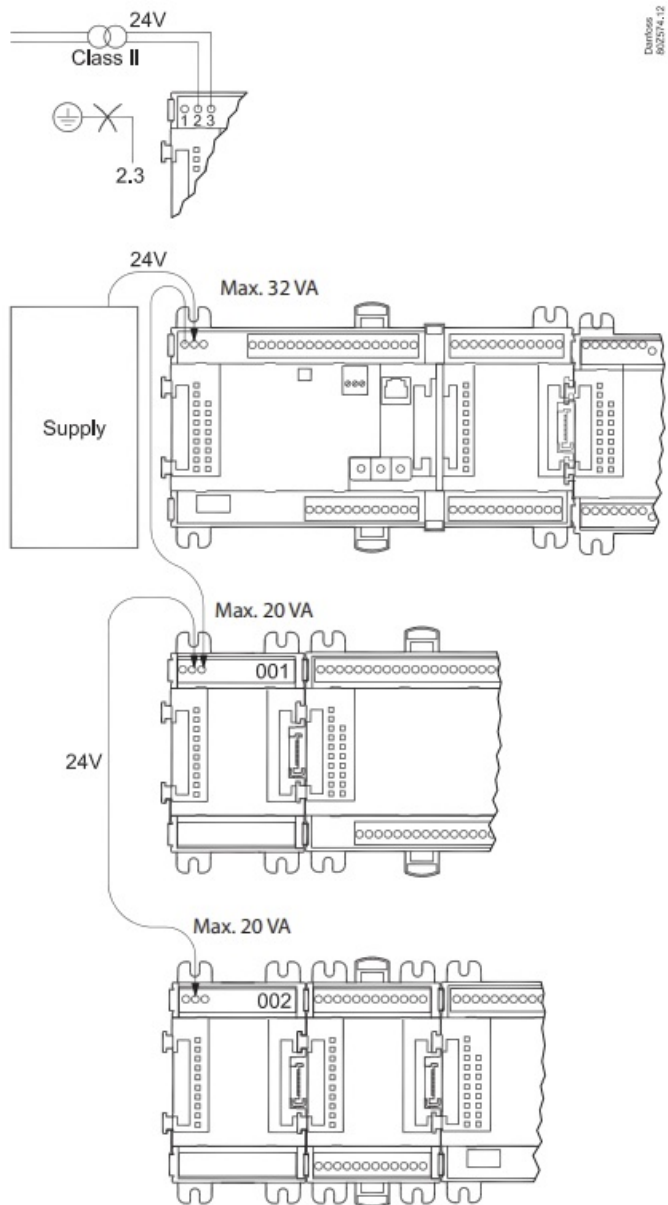TERM
off   on
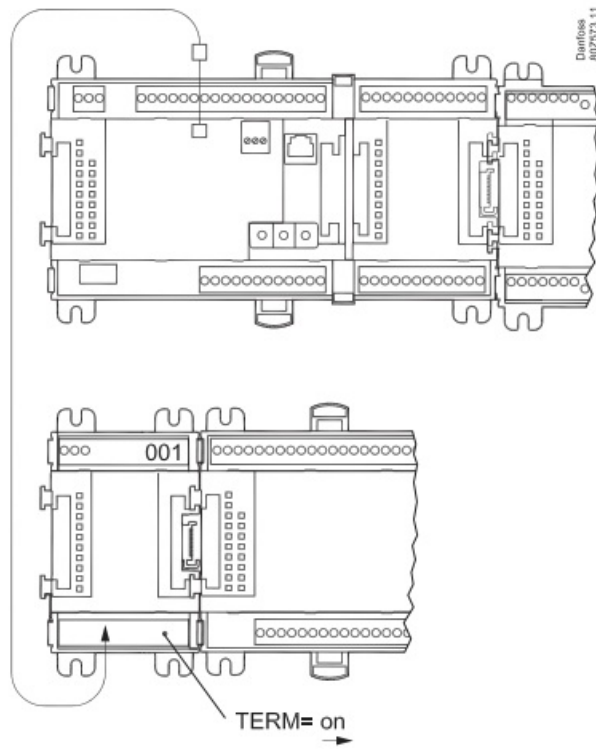
RJ45 RJ45

In   Out

Mounting

Warning

- Ensure power is disconnected before adding or removing modules.
- Controller configuration must be carried out when adding or removing modules.

Power Requirements

- Power supply = 24 V AC or 18 – 36 V DC
- Insure that it provides sufficient power for all the modules in the lineup. Class II is required.
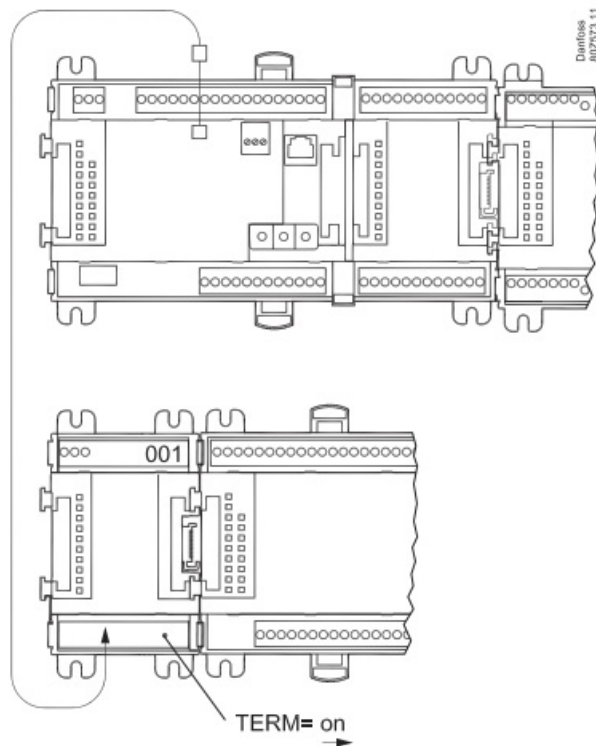- The terminals 2,3 must not be earthed.

Data communication

Address = 001

TERM = on

- **Address = 001**
- **TERM = off**
- **Address = 002**
- TERM = on

Cable:

ANSI/TIA 568 B/C CAT5 UTP cable w/ RJ45 connectors

The Product contains electrical components

- And may not be disposed together with domestic waste. Equipment must be separate collected with Electrical and Elec-tronic waste. According to Local and currently valid legislation.

2 | AN03478642264901-000201

- © Danfoss | Climate Solutions | 2022.07

FAQs

Q: How should I dispose of the product?
A: The product contains electrical components and should not be disposed of with domestic waste. It must be collected separately with Electrical and Electronic waste according to local legislation.

Q: What cable should I use for installation?
A: Use ANSI/TIA 568 B/C CAT5 UTP cable with RJ45 connectors for installation.

Documents / Resources

Danfoss Type AK-CM 102 Communication Module [pdf] Installation Guide
Type AK-CM 102, Type AK-CM 102 Communication Module, Communication Module, Module

References

- **User Manual**