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Danfoss RJ45 OAX00 USB-C Adapter Installation Guide

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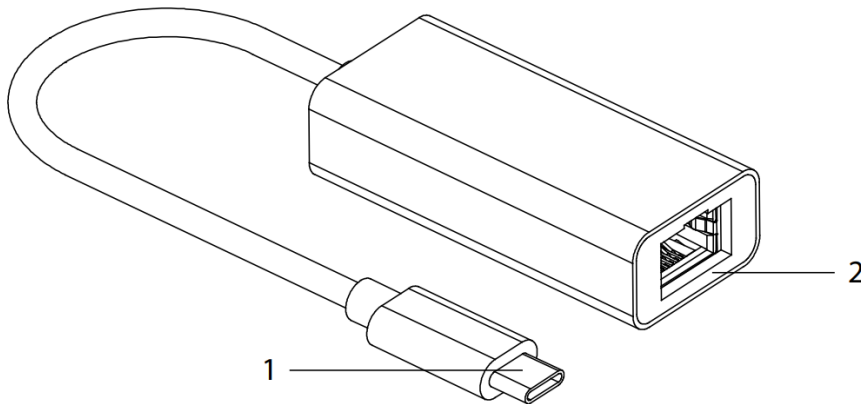

Contents

Installation and Usage

Description

This installation guide explains how to install and use the Quick Adapter USB-C/RJ45 OAX00 with iC2-Micro Frequency Converters.

Item Supplied

l Quick Adapter USB-C/RJ45 OAX00 (code number: 132G0326)

Product Overview

Figure 1: Quick Adapter USB-C/RJ45 OAX00

1. USB-C connector
2. RJ45 port

Safety Precautions

Only qualified personnel are allowed to install the Quick Adapter USB-C/RJ45 OAX00 described in this installation guide.

For important information about safety precautions for installation, refer to the operating guide of the iC2-Micro Frequency Converters.

Installation

Establish the connection between a device (for example, a PC) and an iC2-Micro drive via the Quick Adapter

USB-C/RJ45 OAX00 as follows:

- Connect the USB-C connector on the Quick Adapter USB-C/RJ45 OAX00 to the device.
- Connect the Quick Adapter USB-C/RJ45 OAX00 and the iC2-Micro drive with an Ethernet cable (shielded CAT5e cable is recommended) via RJ45 ports.

NOTICE

The Ethernet cable is not provided with the Quick Adapter USB-C/RJ45 OAX00, the following shielded cable options are available from Danfoss and can be purchased separately.

- 1.5 m (4.9 ft) cable option (code number: 132G0237)
- 3 m (9.8 ft) cable option (code number: 132G0238

Preparation

Normally, it is driver-free for the Quick Adapter USB-C/RJ45 OAX00 connecting to a device with Windows operating systems. Make sure that the Quick Adapter USB-C/RJ45 OAX00 can be found in the device, if not, download the latest driver (CP210x windows driver) from **https://www.silabs.com/interface-software** and install.

Using MyDrive® Insight with the Quick Adapter

MyDrive® Insight is a platform-independent software tool. After connecting the iC2-Micro drive with a device using the Quick Adapter USB-C/RJ45 OAX00, MyDrive® Insight supports the following features:

- Intuitive user interface.
- Fast and easy configuration, commissioning, and engineering.
- Backup and restore of parameter settings.
- Monitor the iC2-Micro drive as part of daily operations.
- Collect data and information for troubleshooting, maintenance, and service.

Even when the iC2-Micro drive is not powered on, the device and the iC2-Micro drive can be connected via the Quick Adapter USB-C/

RJ45 OAX00. In this case, the control card of the iC2-Micro drive gets power from the device via the Quick Adapter USB-C/RJ45 OAX00.

NOTICE
When using the Quick Adapter USB-C/RJ45 OAX00 to connect a device with an iC2-Micro drive, make the following settings for MyDrive® Insight.

- **Connection type:** Serial
- **Baud rate:** 115200
- **Address:** 1

NOTICE
Make sure to use the latest MyDrive® Insight version which is available from MyDrive@ Suite website: **https://suite.mydrive.danfoss.com/**.

NOTICE
When connecting an iC2-Micro drive with a device via the Quick Adapter USB-C/RJ45 OAX00, updating the firmware of the iC2- Micro drive from the device is NOT supported.

NOTICE
When the iC2-Micro drive is not powered on, but connected with a device via the Quick Adapter USB-C/RJ45 OAX00:

- FAULT 38, Internal Fault is shown in the display of the control panel. Reset the FAULT 38, Internal Fault manually when the iC2-Micro drive is powered on again.
- Only parameter configurations, backup and restore of parameter settings are supported.

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Documents / Resources

Danfoss RJ45 OAX00 USB-C Adapter [pdf] Installation Guide
RJ45 OAX00, RJ45 OAX00 USB-C Adapter, USB-C Adapter, Adapter

References

- **User Manual**