Manuals+ — User Manuals Simplified.

AK-UI55 Bluetooth
Display and Accessory

Danfoss AK-UI55 Bluetooth Display and Accessory Installation Guide

Contents

Danfoss AK-UI55 Bluetooth Display and Accessory

Identification

Dimensions

83

36

20

Danfoss
84B3242.10

Mounting

Danfoss
84B3279.10

$29^{+0.5}$

$71^{±0.5}$
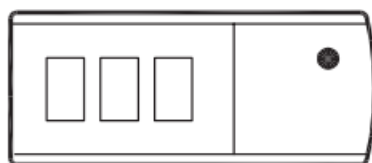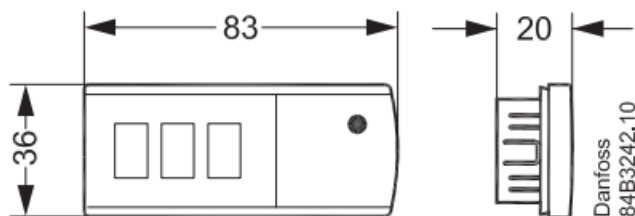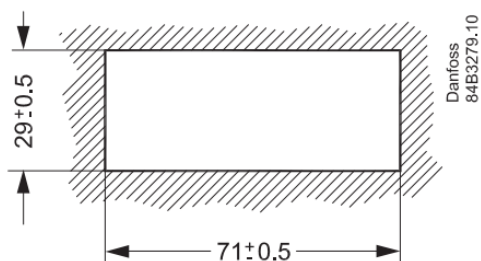
$t_{amb} = 0 - 55\ °C$
$32 - 130\ °F$
Non condensing

NEMA4
IP65

0.5 - 3.0 mm

Danfoss
84B2533.10

Connection

L MAX. = 100 m
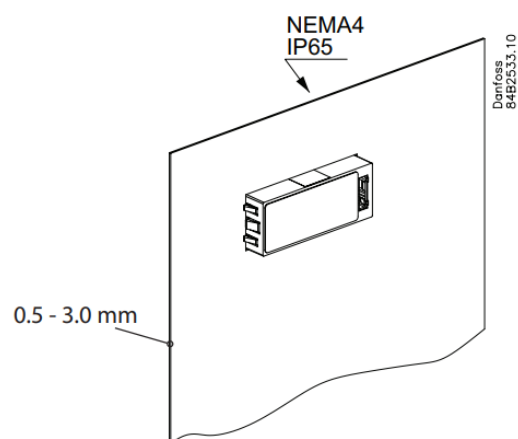
RJ 12

AK-UI cable, 3 m: **084B4078**
AK-UI cable, 6 m: **084B4079**

$$L_1 + L_2 : \text{MAX.} = 100 \text{ m}$$
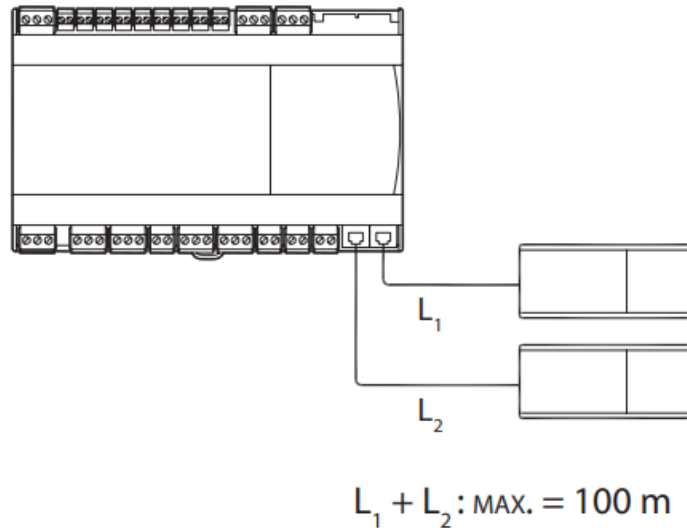
AK-UI55 Bluetooth
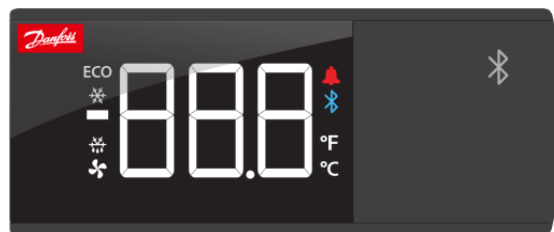
Access to parameters via Bluetooth and the app

1. App can be downloaded from the App Store and Google Play
   - Name = AK-CC55 Connect Start the app.

App Store   Google Play

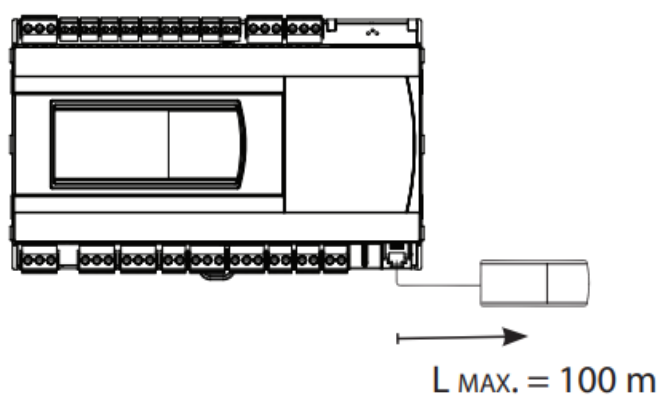2. Click on the display's Bluetooth button for 3 seconds. The Bluetooth light will then flash while display is showing the controller's address.
3. Connect to the controller from the app.

Without configuration, the display can show the same information as the AK-UI55 Info version.

Loc
The operation is locked and cannot be operated via Bluetooth. Unlock the system device.

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved could void your authority to use this equipment. This device complies with Part 15 of the FCC Rules. Operation to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

INDUSTRY CANADA STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC COMPLIANT NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications: Any modifications made to this device that are not approved by Danfoss may void the authority granted to the user by the FCC to operate this equipment.

Danfoss Cooling

11655 Crossroads Circle, Baltimore, Maryland 21220 United States of America **www.danfoss.com**

EU CONFORMITY NOTICE

Hereby, Danfoss A/S declares that the radio equipment type AK-UI55 Bluetooth is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: **www.danfoss.com.** Danfoss A/S Nordborgvej 81 6430 Nordborg Denmark **www.danfoss.com**

China Commitment

Type Approval for Radio Transmitting Equipment CMIIT ID: 2020DJ7408

Product Specifications

- **Model:** AK-UI55 Bluetooth
- **Protection Rating**: NEMA4 IP65
- **Connection:** RJ 12
- **Cable Length Options**
    - **3m:** 084B4078
    - **6m:** 084B4079
- **Maximum Cable Length**: 100m
- **Operating Conditions**:
    - Non-condensing environment
    - Cable Diameter: 0.5 – 3.0 mm

Product Usage Instructions

Accessing Parameters via Bluetooth and App

1. Download the "AK-CC55 Connect" app from the App Store or Google Play.
2. Press and hold the display's Bluetooth button for 3 seconds until the Bluetooth light flashes, indicating the controller's address.
3. Connect to the controller from the app.
4. If the display is locked, unlock it from the system device to operate via Bluetooth.

Frequently Asked Questions

How can I unlock the display if it's locked?
If the display is locked, you need to unlock it from the system device to operate via Bluetooth. Follow the steps provided in the user manual to unlock the display.

What are the cable length options available for the AK-UI55 Bluetooth?
The AK-UI55 Bluetooth display offers two cable length options:

- **3m:** Part Number 084B4078
- **6m:** Part Number 084B4079

3. How can I access parameters using Bluetooth and the app?

To access parameters using Bluetooth and the app, follow these steps:

1. Download the "AK-CC55 Connect" app from the App Store or Google Play.
2. Press and hold the display's Bluetooth button for 3 seconds to get the controller's address.
3. Connect to the controller from the app.

Documents / Resources
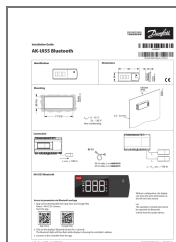
[**Danfoss AK-UI55 Bluetooth Display and Accessory**](#) [pdf] Installation Guide
AN324530821966en-000104, 084B4078, 084B4079, AK-UI55 Bluetooth Display and Accessory, AK-UI55, Bluetooth Display and Accessory, Display and Accessory, and Accessory

References

- [**User Manual**](#)