



AK-UI55 Bluetooth Remote Display



Danfoss AK-UI55 Bluetooth Remote Display Installation Guide

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Danfoss AK-UI55 Bluetooth Remote Display



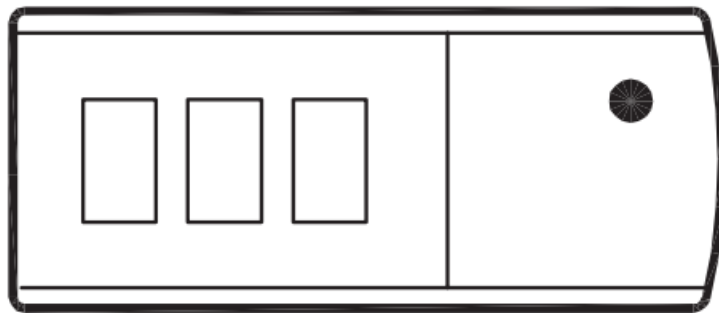
Specifications

- **Model:** AK-UI55
- **NEMA Rating:** NEMA4 IP65
- **Measurement Range:** 0.5 – 3.0 mm
- **Maximum Load Capacity (L max.):** 100
- **Connector:** RJ12
- **Compatible Apps:** AK-CC55 Connect App, App Store, Google Play

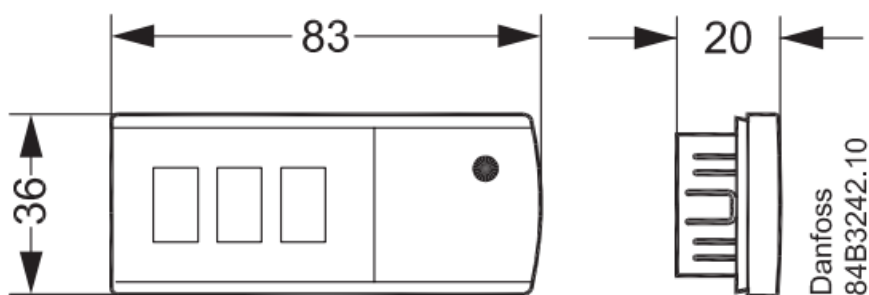
Product Usage Instructions

- **Installation**
 - Ensure the device is placed securely in a suitable location.
 - Connect the device using the provided RJ12 connector.
- **App Installation and Connection**
 - Download the AK-CC55 Connect app from the App Store or Google Play.
 - Open the app and follow the on-screen instructions to connect to your AK-UI55 device.
- **Usage**
 - Use the app to view information and settings related to the AK-UI55 device.
 - Ensure the device is within the specified measurement range for accurate readings.

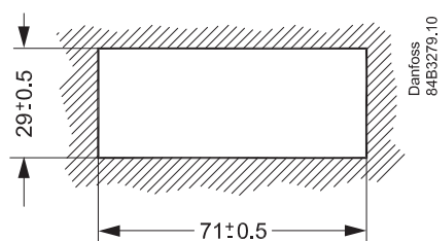
Identification



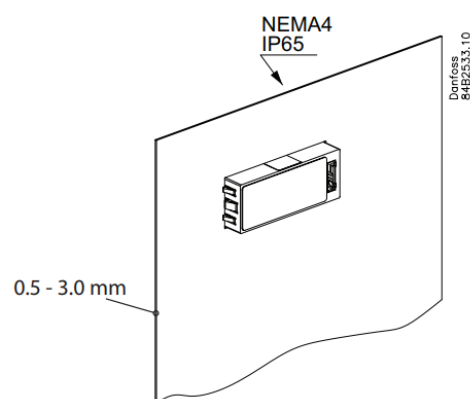
Dimensions



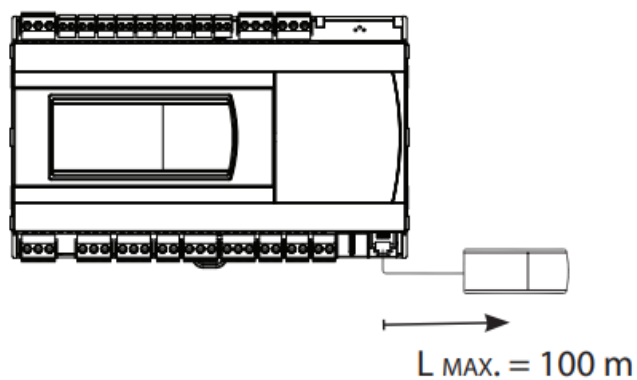
Mounting



$t_{amb} = 0 - 55\text{ }^{\circ}\text{C}$
 $32 - 130\text{ }^{\circ}\text{F}$
 Non condensing



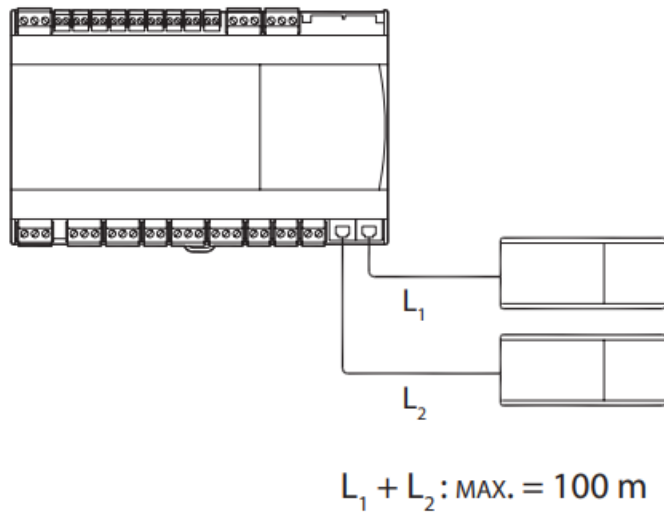
Connection



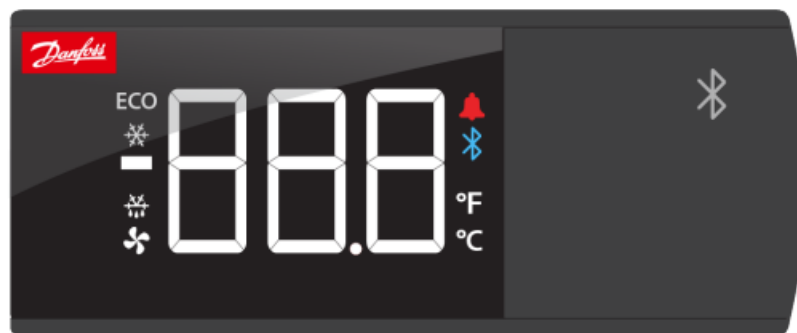
RJ 12



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



AK-UI55 Bluetooth



Access to parameters via Bluetooth and app

1. App can be downloaded from 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 from the system device.

FCC

Statements for the AK-UI55 Bluetooth display:

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.

NOTICE 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.

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.

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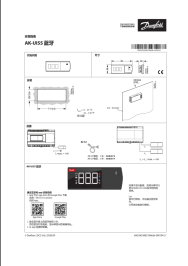
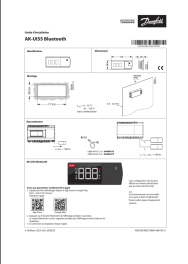
China Commitment

- Type Approval for Radio Transmitting Equipment
- **CMIIT ID:** 2020DJ7408

FAQs

- **Q: What should I do if the device shows an error?**
 - **A:** If you encounter any errors, refer to the user manual for troubleshooting steps or contact customer support.
- **Q: Can the device be used in wet environments?**
 - **A:** Yes, the NEMA4 IP65 rating indicates that the device is suitable for use in wet or dusty conditions.

Documents / Resources

	Danfoss AK-UI55 Bluetooth Remote Display [pdf] Installation Guide AK-UI 3 084B4078, AK-UI 6 084B4079, AK-UI55 Bluetooth Remote Display, AK-UI55, Bluetooth Remote Display, Remote Display
	Danfoss AK-UI55 Bluetooth Remote Display [pdf] Installation Guide AK-UI55 Bluetooth Remote Display, AK-UI55, Bluetooth Remote Display, Remote Display

References

- [User Manual](#)

Manuals+. Privacy Policy

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