

Data Sheet

Danfoss Link™ MPB with Danfoss Link™ SCM or with Danfoss Link™ HC

Applications

The Danfoss Link™ SCM (Simple Communication Module) is an electronic controller for turning the AWAY function ON/OFF in a Danfoss Link™ system.

The Danfoss Link™ MPB (Mobile Phone Butler) can be connected to the Danfoss Link™ SCM in order to remotely control the Danfoss Link™ SCM via text messaging. Other ON/OFF devices; sensors, manual switches, etc. can also be connected to the Danfoss Link™ SCM.

The AWAY Function sets a fixed temperature for all rooms. The AWAY temperature can only be set on the Danfoss Link™ CC (Central Controller), default setting is 15 °C.

Smartphone app

For Android phones and iPhones you can download the **Danfoss Link™ ButlerApp** for easy communication with the Danfoss Link™ MPB.



Make sure the right Danfoss Link™ CC software version is applied. Correct version: 2.5.57 or higher.

System

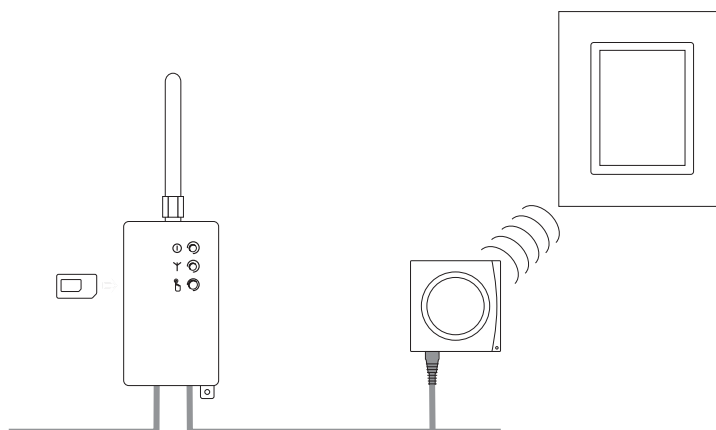


Fig. 1: Danfoss Link™ MPB with Danfoss Link™ SCM

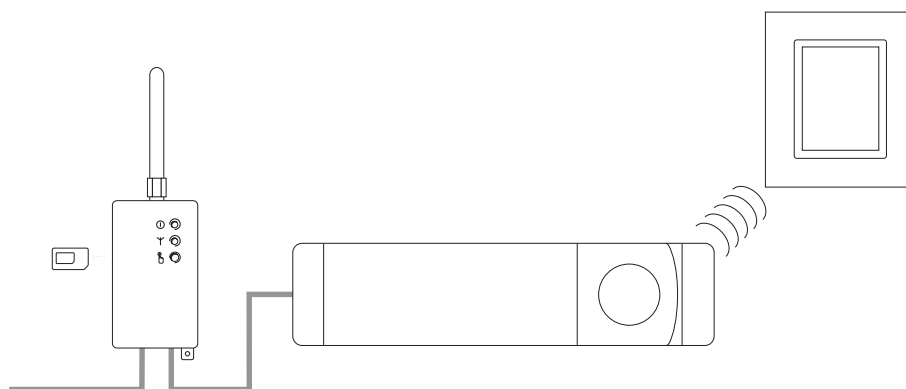


Fig. 2: Danfoss Link™ MPB with Danfoss Link™ HC

Ordering

| Product | Code no. |
|---|----------|
| Danfoss Link™ HC (Hydronic Controller) | 014G0100 |
| Danfoss Link™ MPB (Mobile Phone Butler) | 014G0102 |
| Danfoss Link™ SCM (Simple Communication Module) | 014G0105 |

Technical Specifications for Danfoss Link™ SCM

| Type | Specifications |
|--|-------------------|
| Operating voltage | 8-32 V DC |
| Operation voltage (net adapter) | 220-240 V~, 50 Hz |
| Standby consumption | 0.9 W |
| Ambient temperature | 0 °C to +45 °C |
| Transport temperature | -10 °C to +60 °C |
| Transmission frequency | 868.42 MHz |
| Transmission range in normal buildings | Up to 30 m |
| Transmission power | Max. 1 mW |
| Pollution degree | 2 |
| Ball pressure test temperature | 75 °C |
| Software classification | Class A |
| IP class | 20 |
| Dimensions | 80 x 80 x 30 mm |

Technical specifications for Danfoss Link™ MPB

| Type | Specifications |
|---------------------------------|--------------------------------------|
| Operating voltage | 12 V DC |
| Operation voltage (net adapter) | 90 - 264 V AC |
| Standby consumption | Max. 0.5 W |
| Contact load capacity (max) | 0.5 A - 250 V AC 1 A - 30 V DC |
| Ambient temperature | -5 to +55 °C when humidity is < 95% |
| Transport temperature | -30 to +70 °C when humidity is < 90% |
| Transmission frequency | 900 MHz, 1800 MHz |
| Transmission power | Max. 2 W |
| Pollution degree | Residential (pollution degree 2) |
| Software classification | A |
| IP class | 20 |
| Dimensions (l x h x d) | 87.5 mm x 90 mm x 40 mm |
| Weight | 0.136 kg |

Technical Specifications for Danfoss Link™ HC

| Type | Specifications |
|--------------------------------------|---------------------------------|
| Supply voltage | 230 V AC |
| Number of outputs and voltage | 10/24 V DC |
| Ambient temperature | 0 to +50 °C |
| Transport temperature | 0 to +50 °C |
| Transmission frequency | 868.42 MHz |
| Transmission range (up to) | 30 m (in normal buildings) |
| Transmission power | Max. 1 mW |
| Max. running load of actuator output | 35 VA in total for all outputs |
| Max. load for pump relay | 230 V and 8 A / 2 A (inductive) |

| Type | Specifications |
|----------------------------|---------------------------------|
| Max. load for boiler relay | 230 V and 8 A / 2 A (inductive) |
| Protection class | IP 30 |
| Mains cable | 1.5 m |
| Weight | 700 g |
| Dimensions (l x h x d) | 325 mm x 78 mm x 47 mm |

Danfoss A/S
Heating Solutions
Haarupvaenget 11
8600 Silkeborg
Denmark
Phone: +45 7488 8000
Fax: +45 7488 8100
Email: heating.solutions@danfoss.com
www.heating.danfoss.com