

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

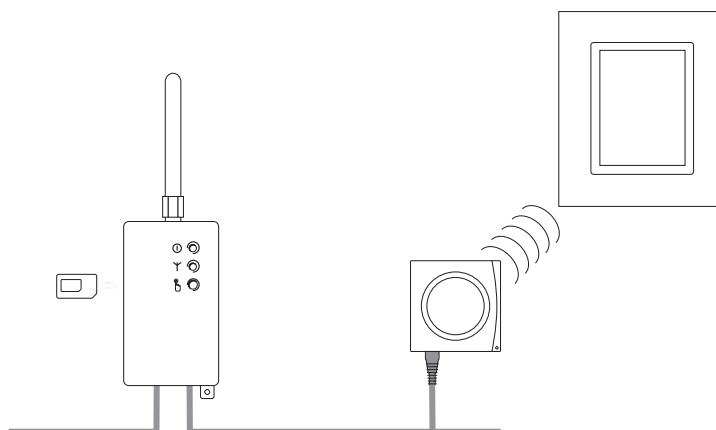


Fig. 1: Danfoss Link™ MPB with Danfoss Link™ SCM

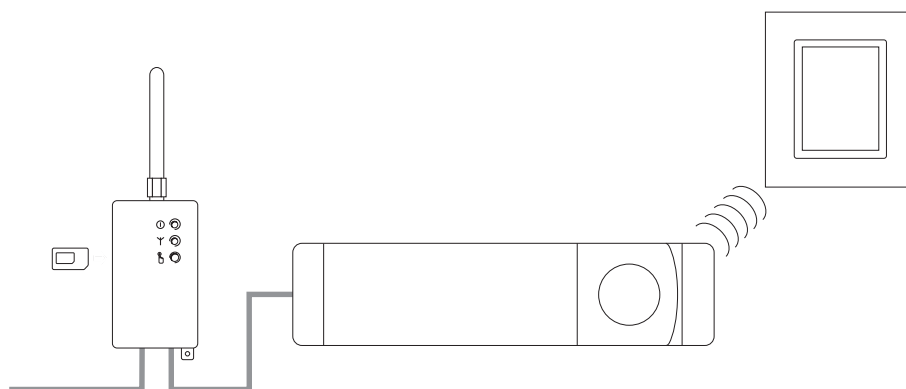


Fig. 2: Danfoss Link™ MPB with Danfoss Link™ HC

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

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