

#### **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

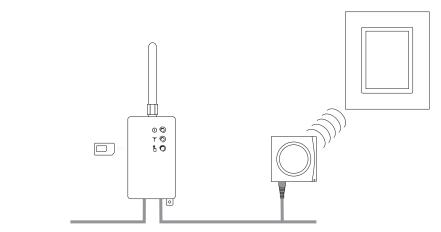


Fig. 1: Danfoss Link™ MPB with Danfoss Link™ SCM

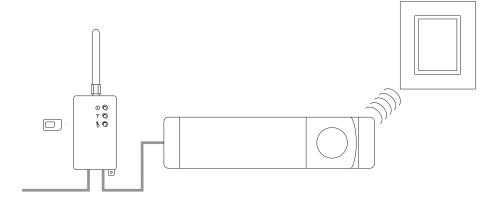


Fig. 2: Danfoss Link™ MPB with Danfoss Link™ HC



#### **Data Sheet**

### Danfoss Link™ MPB with Danfoss Link™ SCM or 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<sup>TM</sup> SCM

Туре	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 ℃
Software classification	Class A
IP class	20
Dimensions	80 x 80 x 30 mm

# Technical specifications for Danfoss Link™ MPB

Туре	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 (I x h x d)	87.5 mm x 90 mm x 40 mm
Weight	0.136 kg

# Technical Specifications for Danfoss Link $^{\text{TM}}$ 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)



#### **Data Sheet**

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

Туре	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 (I x h x d)	325 mm x 78 mm x 47 mm



### Data Sheet Danfoss Link™ MPB with Danfoss Link™ SCM or with Danfoss Link™ HC

Danfoss A/S Heating Solutions Haarupvaenget 11 8600 Silkeborg Denmark Phone: +45 7488 8000

Phone: +45 7488 8000 Fax: +45 7488 8100

Email: heating.solutions@danfoss.com

www.heating.danfoss.com

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss Heating Solutions and the Danfoss Heating Solutions logotype are trademarks of Danfoss A/S. All rights reserved.

4 VDFZG102 © Danfoss 12/2012 Danfoss Heating Solutions