

## Data Sheet

# Danfoss Link™ Central Controller

## Application



Danfoss Link™ is a programmable, wireless control system for heating systems in residential buildings (up to approximately 300 m<sup>2</sup>).

The central controlling unit is the Danfoss Link™ CC equipped with a colour touch screen, from which the entire installation can be controlled.

- Control the daily heating schedule for every room. Make quick and easy adjustments.
- The Away Function ensures a set room temperature, fixed at a user-specific level in the Danfoss Link™ CC. Specify the away-period and the Danfoss Link™ system automatically adjusts the room temperatures.

- Danfoss Link™ CC software is automatically updated from the internet. Software updates can also be downloaded from the internet and installed manually via a USB memory stick.
- A context sensitive help guide gives additional information on every screen image.

The total **number** of units must not exceed 50 (1 Danfoss Link™ CC + 49 units).

The number of **each type** of unit must not exceed:

Danfoss Link™ Central Controller	1 unit
<i>living connect</i> ®	30 units
Danfoss Link™ Hydronic Controller	3 units
Danfoss Link™ Room Sensor	30 units
Danfoss Link™ Floor Thermostat	30 units
Danfoss Link™ Boiler Relay	1 unit
CF-RU Repeater Unit	4 units
Danfoss Link™ Hidden Relay/Plugin Relay	30 units
Danfoss Link™ HP Kit	1 unit
Danfoss Air Unit	1 unit
Danfoss Link™ ECL Kit	1 unit


## Ordering

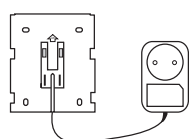
Product	Installation Guide - Languages	Code no.
Danfoss Link™ In-Wall PSU	GB/DK/DE/FR/ES/SE/NL	<b>014G0286</b>
Danfoss Link™ NSU		<b>014G0287</b>
Danfoss Link™ In-Wall PSU	GB/IT/FI/LT/LV/EE/CZ/PL	<b>014G0288</b>
Danfoss Link™ NSU		<b>014G0289</b>


Accessories	Code no.
Danfoss Link™ Battery Pack (BSU)	<b>014G0262</b>

## Technical Specifications

Danfoss Link™ CC	
Operating voltage	15 V DC $\pm 10\%$
Standby power consumption	Max. 2 W
Screen	3.5" TFT color with touch
Ambient temperature	-10 to +40 °C
Storage temperature	-20 to +65 °C
Ball pressure temperature	75 °C
Pollution degree	2 (domestic use)
Transmission frequency	868.42 MHz
Transmission range in normal buildings	Up to 30 m
Wi-fi	802.11b, g or n (2.4 GHz)
Max. number of repeaters in a chain	3
Transmission power	Max. 1 mW
Software class	A
IP Class	21
Dimensions	125 mm $\times$ 107 mm $\times$ 25 mm
Weight	180 g

Danfoss Link™ PSU (In-Wall)		
	Operating voltage	100-250 V AC, 50/60 Hz
	Recommended protection fuse	Max. 16 A
	Output voltage	15 V DC ±10%
	Standby power consumption	Max. 0.15 W
	Max. load	10 W
	Cable specifications	Recommended 1.5 mm², max. 2 x 2.5 mm²

Danfoss Link™ NSU		
	Operating voltage	100-240 V AC, 50/60 Hz
	Recommended protection fuse	Max. 16 A
	Output voltage	15 V DC ±10%
	Standby power consumption	Max. 0.3 W
	Max. load	7 W
	Cable length	2.5 m

Danfoss Link™ BSU		
	Output voltage	15 V DC ±10%
	Number of batteries	10 x AA (Not included)

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