ENGINEERING
TOMORROW

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 m²).

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
living connect®	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

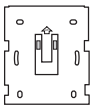
Ordering

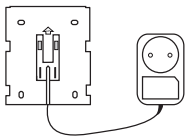
Product	Installation Guide - Languages	Code no.
Danfoss Link™ In-Wall PSU	GB/DK/DE/FR/ES/SE/NL	**014G0286**
Danfoss Link™ NSU		**014G0287**
Danfoss Link™ In-Wall PSU	GB/IT/FI/LT/LV/EE/CZ/PL	**014G0288**
Danfoss Link™ NSU		**014G0289**

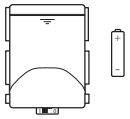
Accessories	Code no.
Danfoss Link™ Battery Pack (BSU)	**014G0262**

Technical Specifications

Danfoss Link™ CC	
Operating voltage	15 V DC ±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 × 107 mm × 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 mm^2, max. 2 x 2.5 mm^2

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)

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

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