

## Data Sheet

# Danfoss Link™ Central Controller

### Application



Danfoss Link™ is a programmable, wireless control system for heating systems in residential buildings.

The central controlling unit is the Danfoss Link™ CC equipped with a colour touch screen, from which the entire system can be controlled. One Danfoss Link™ CC can control up to 30 rooms and be connected to a total of 50 devices.

- 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 temperatures in the building.
- Danfoss Link™ software is upgradable. New software versions are published on the internet and easily updated with a USB key.
- A context sensitive help guide assists with additional information on every screen image.

These devices can be connected to Danfoss Link™ CC:

- Danfoss *living connect*® - radiator thermostat
- Danfoss Link™ Hydronic Controller for controlling manifolds valves for floor heating
- Danfoss Link™ Room Sensor to measure room temperature
- Danfoss Link™ Plug in Relay for switching heating elements or other electrical equipments ON/OFF, either manually or by schedule
- Danfoss Link™ Hidden Relay for switching heating elements or other electrical equipments ON/OFF, either manually or by schedule
- Danfoss Link™ Repeater Unit for extending transmission range between Danfoss Link™ CC, *living connects*®, Room Sensors and other connected components
- The Danfoss Link™ Boiler Relay for turning gas and oil boilers ON/OFF, depending on heating demand

### Ordering

Product	Installation Guide - Languages	Code No.
Danfoss Link™ In-Wall PSU	GB/DE/FR/DK/NL/SE/ES	<b>014G0280</b>
Danfoss Link™ NSU		<b>014G0281</b>
Danfoss Link™ In-Wall PSU	GB/PL/CZ/EE/LV/LT/FI	<b>014G0282</b>
Danfoss Link™ NSU		<b>014G0283</b>

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

Technical Data

Danfoss Link™ CC	
Operating voltage	15 V DC ±10%
Standby power consumption	Max. 2 W
Screen	3.5" TFT color w. 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
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	179 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 <sup>2</sup> , max. 2 x 2.5 mm <sup>2</sup>

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
	Cable length	2.5 m
	Max. load	7 W

Danfoss Link™ BSU		
	Output voltage	15 V DC ±10%
	Number of batteries	10 x AA