

DEVIreg™ Display Connect

DEVI 
by Danfoss

Make it easy,
make it DEVI

Product
is covered
by **EPD***



DEVIreg™ Display Connect is an intuitive programmable timer thermostat, with both Bluetooth and Zigbee connectivity option for combined, room or floor temperature control, complying with Eco design Lot 20, used for controlling electrical floor heating elements. The thermostat is designed for fixed installation only. Due to the special designed 2-part construction it fits a wide range of frames.

The thermostat features a dial and display feature enabling intuitive control.

DEVIreg™ Display Connect is fast and intuitive to setup using the wizard in the Bluetooth app. It has an energy saving program - including an optimum start (pre-heat) control ensuring the desired temperature, with a wide range of floor sensors, at the correct time and thereby reducing the heating costs significantly.

Benefits:

- Eco design compliant Lot 20
- Works out of box
- Bluetooth and Zigbee thermostat
- In app setup wizard
- Fits extensive frame selection
- Compatible with 7 sensors types
- Sensor failure monitoring
- Adaptive PWM control
- Pre Heating
- Multilanguage app
- Shine through display
- Quick exchange system
- Multiple control modes
- Tested best in class design


Standard compliance:

Ecodesign class:

- TW (f4)
- Radio Equipment Directive
- LVD 60730-1, -2-7 and -2-9
 - EMC EN 301 489 -1 and -17
 - RF EN 300328

Compliance symbols:



Type	Value
Nominal voltage	220 V- 240V~ 50/60 Hz
Standby power consumption, max	0,2 W
Relay:	
Resistive load	16A / 3680W @ 230V
Inductive load	Cos Φ = 0.3 max. 1A
Compatible sensors	NTC 15 kΩ @ 25 °C, 3 m. (default), NTC 2 kΩ @ 25 °C NTC 6.8 kΩ @ 25 °C, NTC 10 kΩ @ 25 °C, NTC 12 kΩ @ 25 °C, NTC 33 kΩ @ 25 °C, NTC 47 kΩ @ 25 °C
Regulation	PWM - Pulse Width Modulation
Frost protection	4 °C - 14 °C (default 5 °C)
Temperature range	15 °C to 35 °C (room) 5 °C to 35 °C (45 °C with break out) (floor)
Cable specification for connectors terminals	Max: 1 x 4 mm ² or 2 x 2.5 mm ²
Ball pressure test	75 °C
Pollution degree	2 (domestic use)
Software class	A
Controller type	1 B
Storage temperature and conditions	-25 °C to 60 °C, 90% RH non-condensing
Operating temperatures and conditions	0 °C to 35 °C, 90% RH non-condensing
IP class	21
Protection class	Class II - 
Immunity against voltage surges	Over Voltage Category III
Transmission frequency (GHz)	2.400 – 2.4835 GHz
Transmission Power (dBm)	<10 dBm
Color	RAL9016 Polar white
Battery type or Name	Super Capacitor
Dimensions (H/W/D):	85 mm x 85 mm x 20-24 mm (in-wall depth: 22mm)
Weight, net	204 g
Battery back-up time, min.	1 hour

Types: DEVIreg™ Display Connect



[Click to download - BIM model](#)

Item no.	Product name	Type	EAN no.
140F1162	DEVIreg™ Display Connect	Connectable Zigbee room thermostat with NTC 15 kΩ @ 25°C, 3 m sensor in box	5703466250396

Bluetooth App:



Zigbee app:



EcoDesign

Accessories

Item no.	Product name	Type	EAN no.
140F1091	Sensor 3 m, 15 kOhm, Santoprene	Wire sensor, 2x0,75 mm ² , NTC 15 kOhm at 25 °C, Ø5x18 mm, black Santoprene (TPV), IP 67	5703466209301
140F1098	Temperature Sensor 10 m NTC 15k Santoprene		5703466210734
19121445	Sensor cable 40 m, 15 kOhm, Santoprene		5703466115015
140F1166	DEVI Connect	Gateway for Zigbee connectivity	5703466253199

Connection scheme

