

DEVireg™ Room Polar white

DEVI 
by Danfoss

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Product
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by **EPD***



DEVireg™ Room Polar white is an intuitive programmable timer thermostat, for combined, room or floor temperature control, complying with Eco design Lot 20, used for controlling electrical floor heating elements, according to the room temperature. 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 for manual temperature setting, feature enabling and intuitive control. **DEVireg™ Room Polar white** is fast and intuitive to setup using the in app wizard. 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 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 indicators
- Quick exchange system
- Multiple control modes
- Tested best in class design

Standard compliance:

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
Color	RAL9016 Polar white
Battery type or Name	Coin battery Manganese Lithium
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™ Room Polar white



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Item no.	Product name	Type	EAN no.
140F1165	DEVireg™ Room Polar white	Ecodesign prog. room thermostat with NTC 15 kΩ @ 25°C, 3 m sensor in box	5703466252147



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

Connection scheme

