DEVIreg™ Solo

DEVI by Danfoss

Make it easy,
make it DEVI

Product is covered by **EPD***

DEVIreg™ Solo is an intuitive, programmable timer thermostat for combined room or floor

temperature control, compliant with EcoDesign Lot 20. It is used to control electrical floor heating elements based on the room temperature.
The thermostat is designed for fixed installation only. Due to its specially designed two-part construction, it fits a wide range of frames. The thermostat features a color touchscreen display, providing intuitive control.
DEVIreg™ Solo is quick and easy

to set up using the **Setup Wizard**, directly from the screen. It includes energy-saving programs such as PWM regulation, a weekly schedule, and open window detection, along with a wide range of compatible floor sensors, significantly reducing heating costs.
If a floor temperature sensor is not available, you can use the thermostat's power regulation mode.

Benefits:

- EcoDesign compliant Lot 20
- Color touch screen display
- Different display themes
- User friendly all-in-one setup
- Setup Wizard
- Support for 55x55 like frames
- Compatible with 6 sensors types
- Sensor failure monitoring
- Adaptive PWM control
- Multilanguage user interface
- Multiple control modes
- Manual temperature sensors calibration
- Power regulation mode

Standard compliance:

- EN/IEC 60730-1 (general)
- EN/IEC 60730-2-9 (thermostat)
- EN/IEC 60730-2-7 (timers and time switchers)

Compliance symbols:

CE

5 YEAR WARRANTY — Product

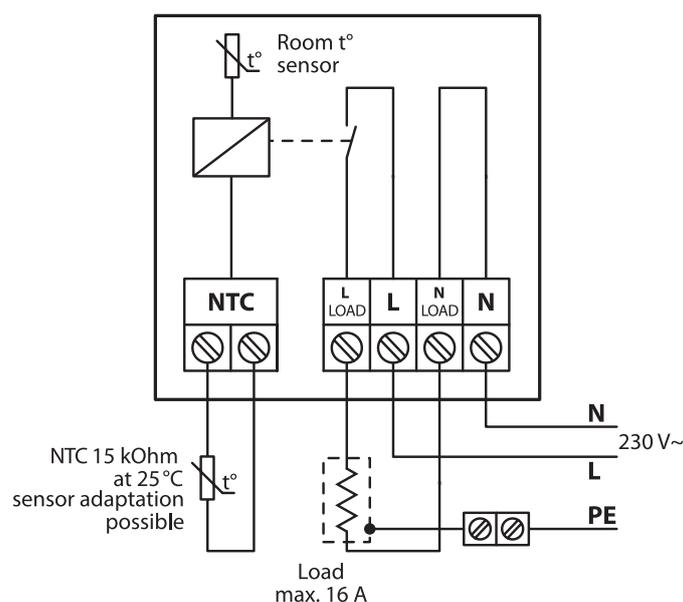| Type	Value
Nominal voltage	220 V- 240V~ 50/60 Hz
Standby power consumption, max	1 W
Relay: Resistive load Inductive load	16A / 3680W @ 230V Cos Φ = 0.3 max. 1A
Display type:	2" LCD color touch screen display, 240x320 resolution
Compatible sensors	NTC 15 kΩ @ 25 °C, 3 m. (default), NTC 6.8 kΩ @ 25 °C, 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 - 9 °C (default 5 °C)
Temperature range	5 °C to 35 °C (room) 5 °C to 35 °C (floor)
Cable specification for connector terminals	Max: 1 x 4 mm² or 2 x 2.5 mm²
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
Battery type or Name	Coin battery Manganese Lithium, CR1220
Battery back-up time, min.	60 days
Dimensions (H/W/D):	85 mm x 85 mm x 32 mm (in-wall depth: 22mm)
Weight, net	160 g

Click to download - BIM model

Types: DEVIreg™ Solo

Item no.	Product name	Type	EAN no.
140F1172	**DEVIreg™ Solo (White)**	EcoDesign room thermostat with NTC 15 kΩ @ 25°C, 3 m sensor in box	5703466253885
140F1173	**DEVIreg™ Solo (Black)**		5703466253908

EcoDesign

Accessories

Item no.	Product name	Type	EAN no.
140F1091	**Sensor 3 m, 15 kOhm, Santoprene**	Wire sensor, 2x0,75 mm², 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

Room t°
sensor

NTC

L
LOAD

L

N
LOAD

N

N

230 V~

L

PE

NTC 15 kOhm
at 25 °C
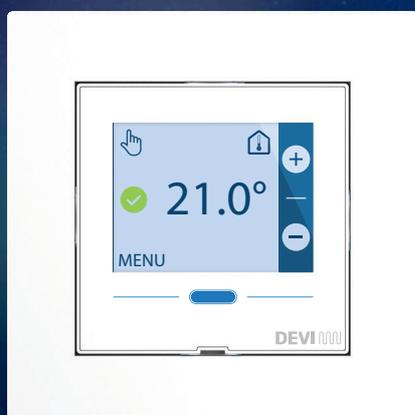sensor adaptation
possible

Load
max. 16 A

VIRTUAL USER INTERFACE:

Scan & enjoy

or click on the link - **DEVIreg™ Solo**

21.0°
MENU

DEVIreg™ Solo Virtual User Interface

Welcome to the virtual user interface of the DEVIreg™ Solo thermostat! Here you can see for yourself how smart and simple DEVIreg™ Solo is. Simply follow the instructions on the virtual display, select your settings and confirm them by ticking the box in the top right corner. If you want to know more, just click the "i" button for more information. Enjoy!

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