

DEVireg™ Opti



The **DEVireg™ Opti** is an electronic thermostat with a programmable timer, designed to fulfill Eco design directive. The thermostat is primarily used for controlling electrical floor heating elements. The thermostat is designed for fixed installation only and has integrated frame.

The DEVireg™ Opti is fast to setup and easy to operate, using buttons placed below the screen. It has an open window detection function, and energy-saving regulation program.

Benefits:

- Fulfilling the Eco design directive requirements
- Open window detection and indication
- PWM regulation function
- Weekly timer
- Low stand by consumption
- Always on, visible current room temperature
- Keeps user settings for up to 60 days

Standard compliance:

- EN/IEC 60730-1 (general)
- EN/IEC 60730-2-9 (thermostat)

Compliance symbols:



Type	Value
Operation voltage	220 - 240 V, 50/60 Hz
Standby power consumption	< 0,5 W
Resistive load	13A / 2990W @ 230V
Inductive load	1A (Cos Φ = 0,3)
Sensing unit	NTC 15 kΩ @ 25 °C, 3 m.
Regulation	PWM - Pulse Width Modulation
Ambient temperature	0 °C to 35 °C
Frost protection	5 °C to 9 °C (default 5 °C)
Temperature range	5 °C to 35 °C (room) 5 °C to 35 °C (45 °C with break out) (floor)
Storage temperature	-25 °C to 60 °C, 90% RH non-condensing
Cable specification for connector terminals	Max: 1 x 4 mm ² or 2 x 2.5 mm ²
Ball pressure test temperature	75 °C
Pollution degree	2 (domestic use)
Controller type	1 B
Software class	A
IP class	21
Protection class	Class II - 
Battery type or Name	Coin battery Manganese Lithium
Dimensions (H/W/D)	85 mm x 85 mm x 44 mm (in-wall depth: 24 mm)
Weight	138 g

Types: DEVireg™ Opti

Item no.	Product name	Type	EAN no.
140F1055	DEVireg™ Opti - Pure White	RAL 9010	5703466243152

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

