

Devireg™ 535 Digital Timer Thermostat

Applications

- Indoor room/comfort heating

Functions

- Programmable thermostat
- Frost protection
- Controlling the room temperature and limiting the floor temperature which also makes the Devireg™ 535 suitable for wooden floors and ceiling heating
- When used for ceiling heating, the sensor probe can be used to limit the temperature of the plasterboard to 42° C as recommended by most plasterboard manufacturers

DEVI™
Heating Systems



This digital timer thermostat **Devireg™ 535** comprises several functional benefits for end users as well as installers.

The Devireg™ 535 contains three functions in one, allowing the installer to set the thermostat to floor sensor, - room sensor or a combination of the two. This means that the thermostat is suitable for all rooms in the house.

Devireg™ 535 is IP class 31 which makes it suitable for installation in wet rooms: One thermostat for all purposes.

Devireg™ 535

Digital Timer

Thermostat

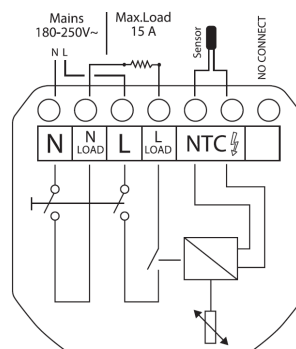
Features

- Double pole safety breaker
- The lowest standby consumption on the market, max. 0.30 W
- Built-in sensor failure monitoring circuit, which will switch off heating if the sensor is disconnected or short-circuited
- Light indication (LED) for function/fault
- IP31 - Suitable for use inside bathroom
- 80 days battery back-up
- Childproof function
- 3 in 1 thermostat - can be programmed to use floor sensor alone, room sensor alone or combined room and floor sensor
- Can be locked at a certain maximum floor temperature - which makes the 535 very well suited for wooden floor and ceiling heating applications
- Can be programmed at a certain minimum temperature - which ensures a comfortable warm floor temperature even on a warm summer day.
- Displays actual temperature
- Digital timer thermostat
- Can also be used for ceiling heating, as well as ceiling radiant panel

Technical Data	
Operation voltage	180-250 VAC, 50/60 Hz
Standby power consumption	Max. 0.30 W
Relay	230V ~ 15A / 3450W cos = 0.3 Max. 4A
• Resistive load	
• Inductive load	
Sensing unit	NTC 15 kOhm at 25°C
Sensing values:	
• 0°C	42kOhm
• 20°C	18kOhm
• 50°C	6kOhm
Hysteresis	± 0.2°C with room sensor, ± 0.4°C with floor sensor only
Ambient Temperature	-10°C to +30°C
Frost protection	5°C
Temperature range	5-35°C with room sensor, 5-45°C with floor sensor only. Floor max. 20-50°C, floor min. 10-45°C only when installed with room and floor sensor combination
Sensor failure monitoring	The thermostat has a built-in monitoring circuit, which will switch off the heating if the sensor is disconnected or short-circuited
Light indications (LED)	
• No light	The system is turned off
• Green light	System is standing by, set point temperature reached
• Green light flashing	Floor sensor is defective
• Red light	System is heating
• Switching between green and red light	The floor temperature limit prevents the set point room temperature from being reached.
IP class	31
Dimensions	
• Thermostat	55 x 55 x 10 mm
• Plate	78 x 115 x 10 mm
Warranty	2 years

Stock Program			
Code No.	Colour	Temperature	Sensor
19116645	Polar white	5°C - 35°C	air/floor probe

a. Loads below 15 amps



b. Loads above 15 amps

