

Product data sheet

Room thermostat insert with sensor connection



Reference number

1790 RTR

Room thermostat insert

with sensor connection
for displays ref.-no.: .. 1790 D ..

Intended use

- Switching of electric underfloor heating systems and electrothermal valve drives
- Operation with room temperature controller cover of the LB Management
- Installation in flush box according to EN 60670-1

Product characteristics

- Pulse width modulation (PWM) or two-point control (on/off)
- Enables connection of a remote sensor (ref.-no.: FF 7.8)
- Input for switching to cooling mode
- Interrupts the heating process after 60 minutes (overheating protection of a heater)

Accessories:

external sensor ref.-no.: FF 7.8

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power depending on the cover:	approx. 0.1 ... 0.5 W
Switching current 230 V AC1:	10 mA ... 16 A
Connected load:	max. 3,600 W
Connection	
single wire:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ²
stranded without ferrule:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ²
stranded with ferrule:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 1.5 mm ²
Ambient temperature:	-5 ... +45 °C