

Product data sheet

Room thermostat insert



Reference number

1790 RTR

Room thermostat insert

with sensor connection

for covers JUNG HOME ref.-no.: BT .. 1791 ..

for covers LB Management ref.-no.: .. 1790 D ..

for covers KNX RF ref.-no.: .. 1091 1ST RF .., .. 1092 1ST RF ..

Intended use

- Switching of electric underfloor heating systems and electrothermal valve drives
- Operation with suitable cover
- Installation in flush box with dimensions according to DIN 49073

Product characteristics

- Pulse width modulation (PWM) or two-point control (on/off)
- External temperature sensor (ref.-no.: FF NTC) can be connected
- External temperature sensors from various manufacturers can be connected (from version V03)
- Input for switching to cooling mode
- Interrupts the heating process after 60 minutes (overheating protection of a heater)

Accessories:

external sensor ref.-no.: FF NTC

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
Number of valve drives:	1 ... 10
Ambient temperature:	-5 ... +45 °C