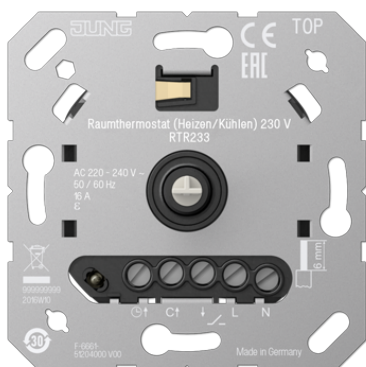


Product data sheet

Room thermostat (heating/cooling) 230 V (relay)



Reference number

RTR 233

Room thermostat (heating/cooling) 230 V (relay)

for covers ref.-no.: .. 1749 ..

Intended use

- Electronic room thermostat for controlling electric heating devices (e.g. electric radiators, infrared heaters or electric/water-based underfloor heating systems) or valve drives for 230 V ~ (e.g. ref.-no. TSA 230 NC WW)
- Room temperature control in enclosed areas
- Installation in flush box with dimensions according to DIN 49073

Product characteristics

- Manually setting a comfort temperature
- Manually switching off the temperature control
- Temperature limits can be set
- Universal input for activating ECO temperature via central clock or switching to comfort temperature when present, adjustable
- Input for activation of cooling via central control
- Internal temperature sensor
- Frost protection function
- Controller output working method: pulse width modulation (PWM) or two-point
- Offset adjustment (correction value for measured temperature)
- Continuous operation of LED possible

Technical data

Rated voltage:	AC 220 ... 240 V ~, 50/60 Hz
Switching current for heating:	16 A
Switching current for cooling:	1 A
Connected load of heater	
Ohmic load:	3680 W
Valve drives normally closed (NC):	1 ... 10
Stand-by power:	max. 0.15 W
Mounting height:	1.50 m
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C
Inputs	
Cable length:	max. 100 m
Regulator class (EU 811/2013):	IV
Contribution to energy efficiency:	2 %
Installation depth:	26 mm
Connection	screw terminals
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