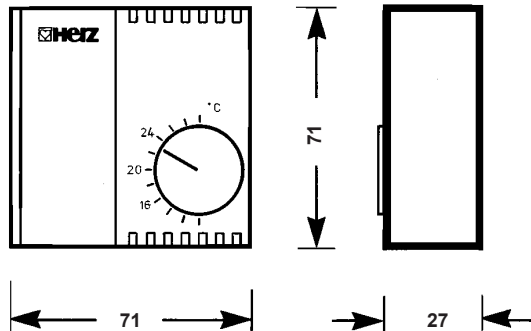


HERZ-RTR

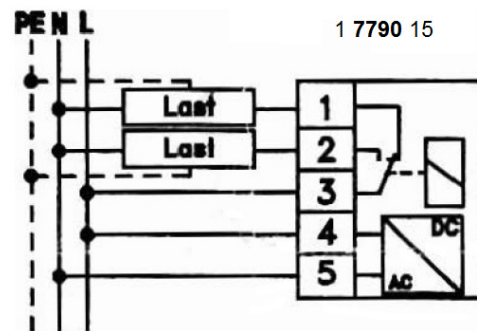
Electronic Control System Room Thermostat for 2-Point Control

Datasheet for 7790 , Issue 0719

Dimensions in mm



Connection diagram



Models

- 1 7790 15 Electronic Room Thermostat
for 2-point control, 1 change-over contact, operating voltage 230 V

Field of Application

HERZ room thermostats are used in combination with HERZ thermal actuators for 2-point control of heating or cooling systems. They are particularly suitable for thermostatic control of floor heating systems and for zone control.

Technical Data

Operating voltage	1 7790 15 230 V/50 Hz
Temperature range	10–30 °C
Temperature sensor	internal
Sensor tolerance	± 1 K
Switching difference	± 0.2 K fixed
Power consumption	approx. 1 VA
Relay contact	1 change-over contact
Max. switching current	5 A
Electric connection	Screw terminals
Ambient temperature	–10 to 50 °C
Enclosure Material	Plastic
Degree of protection	IP 30
Protection class	II according to VDE 0700
Installation	Wall mounting or onto a flush box
Line entry	suitable for surface and buried lines
Weight	approx. 90 g

Description

HERZ room thermostats are characterised by low switching differences and high control accuracy. The ambient temperature is sensed by means of an internal sensor. The output channel is equipped with a potential-free change-over contact. The room thermostats are mounted directly onto the wall or onto a flush box. The power cable is fastened by means of screw terminals. The cable duct is suitable for surface and flush mounting. Additional functions, the installation process, and setting options are specified on the instruction sheet supplied with the device.

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