

Bi-metallic thermostat

TH 480

Application

The TH 480 thermostat when installed with suitable equipment is intended to control water temperature, e.g. in DHW storage tanks connected to water heating boilers. It is a reliable and cost-effective mechanical system which controls temperature, reduces energy consumption and reduces operating costs. The thermostat provides protection against overheating and overloading of the application.



Product features

- The TH 480 thermostat comprises a sensor and an electrical switch system sealed in the brass body
- A thermostat is available, as version Z (normally closed) or R (normally open)
- M22x1.5 thread with size 22x27 O-ring
- The connection terminals are 6.3x0.8 mm flat tabs electrically insulated from the body
- The thermostat head and flat tab terminals are permanently integrated with the body

Specifications

Model	TH 480
Rated temperature range	35 - 115°C
Rated contact capacity with resistive load	230 V, max. 4 A AC (max. 10,000 cycles) 230 V, 1 A AC (max. 50,000 cycles)
Rated contact capacity with inductive load	($\cos\Phi=0.65$), 230 V, 1 A AC (max. 10,000 cycles)
Contact resistance	Max. 100 mΩ
Connection terminals	6,3x0,8 mm

