

thermostatic actuator



benefits

- Stroke indicator via grey rod on cap
- with integrated limit switch for distributor pump
- either as 24 V or as 230 V version
- compact design

Application

For setting the hot water valves in radiators or AFRISO distribution manifolds such as heating/cooling circuit manifolds ProCalida® MC and EF or industrial manifolds IN. Actuators convert the electrical signal received from room or timer thermostats into a valve stroke to control the set temperature via the flow volume.

Description

Electro-thermal actuator with position indication, limit switch, connection cable and union nut for direct connection to the valve or upper part of the valve. Closed when de-energised. TSA 03 can be used to switch off the pump via the integrated limit switch when all valves are closed.

Technical Specifications

Operating mode

closed when de-energised (NC)

Stroke

> 3.2 mm

Indication via rods on hood

Actuating force

90 N

Opening time

5 – 6 min

Operating temperature range

Ambient: max. 60 °C

Supply voltage

power: 2 W

Switching output

1 voltage-free, normally open contact

Contact rating

AC/DC 24 V, 6 (2) A

AC 230 V, 6 (0.1) A

Connection

union nut M30 x 1.5 mm

Closing dimension

10.8 mm

Cable length

1 m

Housing

Plastic

W x H x D: 39 x 57 x 52 mm

Degree of protection: IP 40 (EN 60529)

Versions

			Part no.
thermostatic actuator TSA 03	AC 230 V with limit switch	●	78871
thermostatic actuator TSA 03	AC/DC 24 V with limit switch	●	78872

● in-stock items

● Non-stock items