



# Thermostatic actuators TSA 03



## 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.

## 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

Blue part no. = in-stock items

## 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

AC 230 V or AC/DC

24 V

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)