

Thermostatic actuator TSA 03



- **Stroke indicator via grey rod on cap**
- **With integrated limit switch for distributor pump**
- **Either as 24 V or as 230 V version**

Application For controlling 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.

The actuator is factory-closed and thus ready for automatic operation.

Description Electro-thermostatic 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 data	<p>Operating mode Closed when de-energised (NC)</p> <p>Stroke > 3.2 mm Indication via rods on hood</p> <p>Opening time 3–6 min</p> <p>Operating temperature range Ambient: Max. 60 °C</p> <p>Supply voltage AC/DC 24 V or AC 230 V Power: 2 W</p> <p>Switching output 1 voltage-free, normally open contact</p> <p>Contact rating AC/DC 24 V, 6 (2) A AC 230 V, 6 (0.1) A</p> <p>Connection Union nut: M 30 x 1.5 mm Closing dimension: 10.8 mm Cable length: 1 m</p> <p>Housing Plastic, degree of protection IP 40 (EN 60529)</p> <p>Dimensions H x W x L: 57 x 39 x 52 mm</p>
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AFRISO offers customer-specific versions of the actuators for many valve upper parts for OEMs. We look forward to your enquiry.

DG: G, PG: 4			Part no.	Price €
TSA 03, AC 230 V with limit switch	1	10	78871	
TSA 03, AC/DC 24 V with limit switch	1	10	78872	