



thermostatic actuator TSA 13 FO

Part no. 79300

thermostatic actuator

benefits

- First Open function
- manual Re-Open function without power applied
- Stroke indicator
- Integrated limit switch for circulation pump
- either as 24 V or as 230 V version



Application

Electro-thermostatic actuator with First Open and Re-Open functions, position indication, limit switch, connection cable and union nut for direct connection to the valve or upper part of the valve. TSA 13 can be used to switch off the pump via the integrated limit switch when all valves are closed. Closed when de-energised; available as 24 V or as 230 V version. Any mounting position.

Technical Specifications

functions

First Open and Re-Open functions (adjustable via "clip re-open")

Operating mode

closed when de-energised (NC)
Condition as delivered: Open

control stroke

4.5 mm

Opening time

AC 230 V
3.5 min

Closing dimension

10.8 mm

Actuating force

110 N

Connection

union nut M30 x 1.5 mm
Switching output: 1 voltage-free, normally open contact

Housing

Plastic PA 6, flame retardant
Degree of protection: IP 54 (EN 60730-1)
cap: white
Stroke indicator: yellow
logo: customer-specific

cable

4 x 0.75 mm², white, H05
Length: 1 m

Operating temperature range

Operation: max. 100 °C (at valve)
Ambient: 0/50 °C
Storage: -25/+70 °C
ambient humidity: < 85 % rH, Non-condensing

Supply voltage

AC 230 V

power input continuous operation

AC 230 V
1.7 W

Switch on power

AC 230 V
34.5 W

Inrush current

AC 230 V
150 mA

Contact rating

AC 230 V, max. 6 (2) A

Protection class

AC 230 V
II (EN 60730-1)

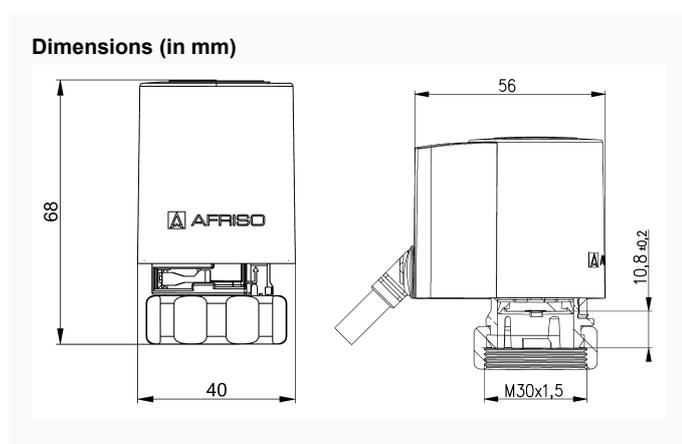
Dimensions (H x W x D)

68 x 40 x 56 mm

Weight

165 g

Technical Drawings



Versions

Part no.

thermostatic actuator
TSA 13 FO

AC 230 V



79300

● in-stock items

● Non-stock items