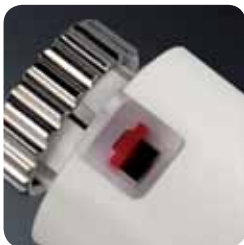


ACTUATORS



HIGH-PERFORMANCE THERMOELECTRIC ACTUATOR

Used in conjunction with the TBV-C terminal valve, the high-performing TSE actuator offers reliable on/off control and the highest enclosure class. A long lifetime is ensured by the unique design and the position indicator allows easy maintenance procedures. A high adjusting force further enhances reliability.



POSITION INDICATOR
For straightforward maintenance.



M30X1.5 CONNECTION
Compatible with all TA valves and floor heating manifolds with a M30x1,5 connection to the actuator.

TECHNICAL DESCRIPTION

Applications:

Designed for ON/OFF or PWM control.

Supply voltage:

24V AC/DC $\pm 20\%$

230V AC $\pm 15\%$

Frequency 50-60 Hz

Power consumption:

	24V	230V
Starting	5,4W	36W
During operation	3W	2,5W
Starting current	225 mA	150 mA

Operating cycle time:

~ 4 min when starting from cold.

Adjusting force:

125 N

Temperature:

Max. ambient temperature: 50°C

Min. ambient temperature: -5°C

Enclosure class:

IP 42 or 44 depending on position.

Cable:

Cable length: 2 m alternatively 5 m

Connection cable: 2 x 0,5 mm², 2 x 0,75 mm² for 5 m 230V.

The cable is stripped 50 mm and each wire is isolated.

Stroke:

4,7 mm

Connection to valve:

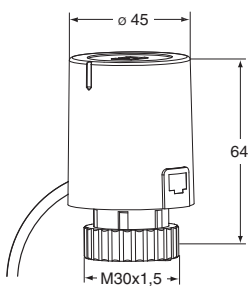
Retainer nut M30x1,5 of nickle plated brass.

Colour:

White RAL 9010

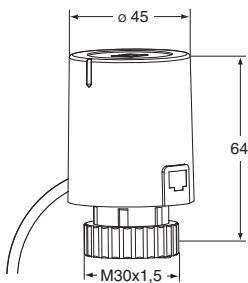


24V AC/DC



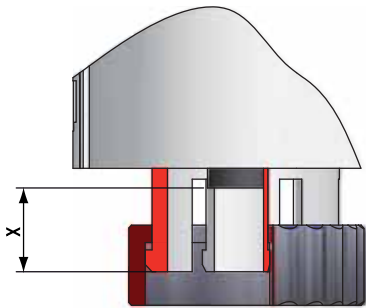
TA No	Cable length
TSE, NO (Normally open)	
50 358-001	2 m
50 358-011	5 m
TSE, NC (Normally closed)	
50 358-002	2 m
50 358-012	5 m

230V AC



TA No	Cable length
TSE, NO (Normally open)	
50 358-201	2 m
50 358-211	5 m
TSE, NC (Normally closed)	
50 358-202	2 m
50 358-212	5 m

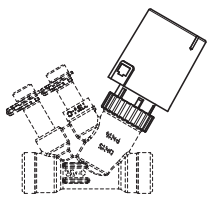
WORKING RANGE



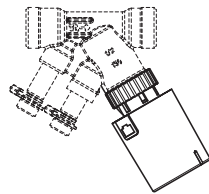
TSE is designed to suit all TA valves and floor heating manifolds with M30x1,5 connection to actuator.
The actuator has a working range corresponding to X=11,40-15,80 mm.

INSTALLATION

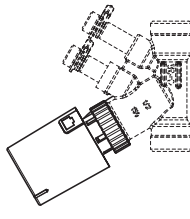
Enclosure class:



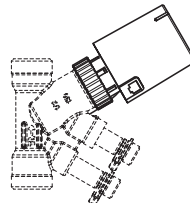
IP44



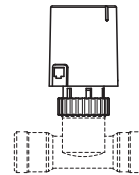
IP42



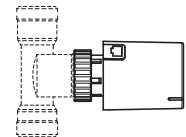
IP42



IP42



IP44



IP42

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