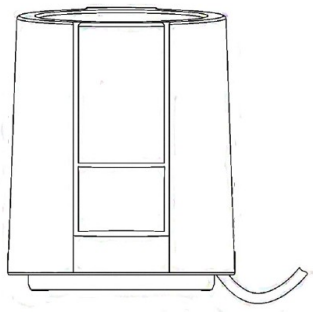
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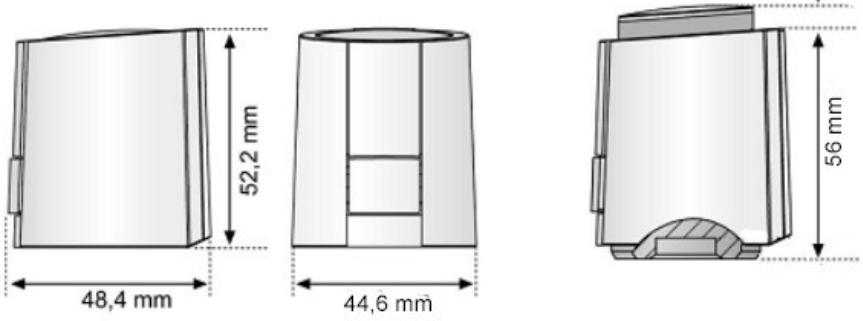


PRODUCT DESCRIPTION

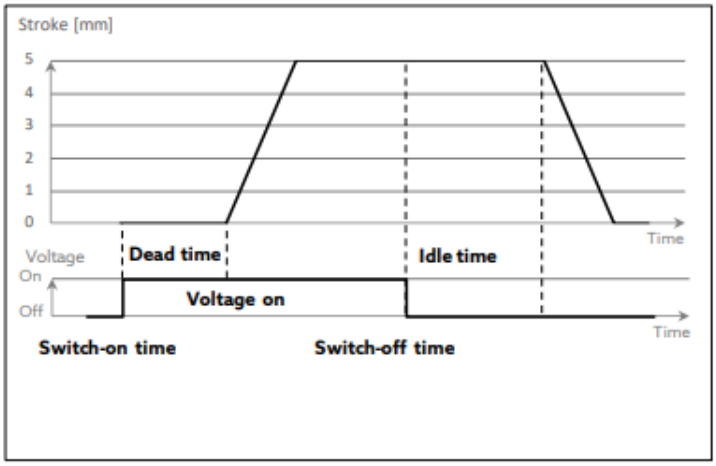
Electrothermal actuators are designed to control the control valves of microclimate systems in rooms at the command of a room thermostat, controller or manual regulator. Servo drives can be used in conjunction with radiator control valves, control valves of manifold groups, as well as with other control valves having a connecting size M30x1.5 and a corresponding stem stroke range. Electric actuator is mainly used in heating system to control pipeline opening and closing. Normally closed (ZQSER1230NC), the valve opens uniformly when energized; this can be seen through the extended stroke indicator. If no voltage is applied to the actuator, the valve closes uniformly after the idle time has elapsed.

TECHNICAL PARAMETERS	
Connection type	Threaded
Thread size	M30*1,5
Developed force on stem	110 N
Ambient temperature range (storage)	-5~60 ℃
Ambient Temperature Range (Operating)	0~60 ℃
Functional type	NC
Supply voltage	220 V
Frequency	50 Hz
Average power	2-3 W
Max stroke	4,5 mm
Body material	Reinforced nylon
Protection class against external influences	IP52
Cycle time (opening / closing)	3-5 mnts
Connecting wire cross section	2 x 0.65 mm²
Length of cable	1 m
Weight	115 g

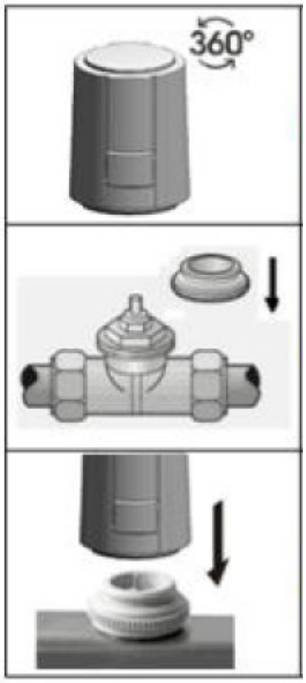
DIMENSIONS



WORK SCHEDULE



INSTALLATION AND DISMANTLING



- The actuator can be mounted in any mounting position (360°);
- Before mounting the actuator, make sure that the valve seat thread complies with the M30x1.5 standard.
- The actuator adapter is screwed onto the valve by hand. Do not use any tool to mount the adapter.
- The drive must be put on the adapter until the latch is activated;
- To remove the drive from the adapter, press the locking button on the drive housing;
- After pressing the release button, the actuator is manually removed from the adapter.

OPERATION AND MAINTENANCE

- The connection cable must not be routed through heat pipes, etc.
- The drive must be operated under the conditions specified in specifications.
- When power is applied to the drive, it is not allowed to obstruct indicator button movement. Rough mechanical impacts on the surface are not allowed products, as well as its contact with acids, alkalis, solvents.
- The servomotor must be kept clean and free of dirt, liquids, insects inside the product.

MANUFACTURER

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Country of origin: China

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