



**K270Y101
K270Y102**

Description

The K270Y101/K270Y102 actuator is used to control the zone valves R276, R277, R278, R279 or the diverting valves R279D in heating and cooling systems.

Versions and product codes

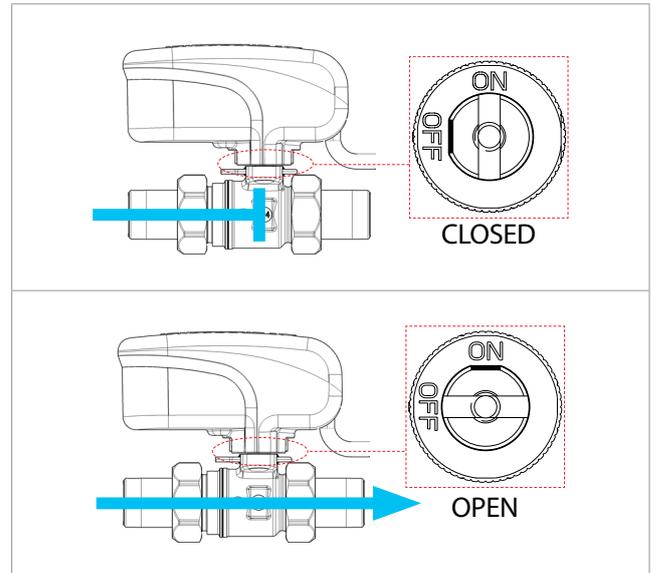
Product code	Power supply	For use with zone valves and diverting valves
K270Y101	230 V - 50 Hz	R276, R277, R278, R279 R279D
K270Y102	24 V - 50 Hz	

Technical data

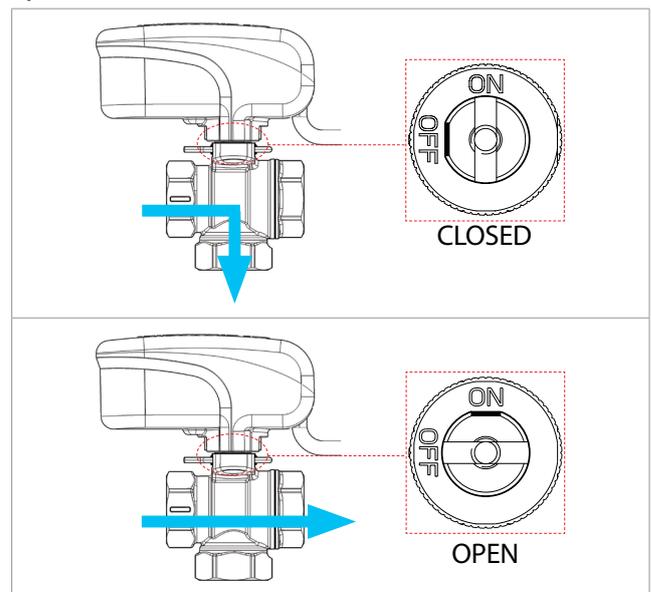
- Type of command: ON/OFF
- Rotation angle: 90°
- Opening time: 40 s
- Maximum torque: 10 Nm
- Electricity absorption: 5,5 W
- Auxiliary microswitch for end stop (contact flow rate): 6 (1) A
- Protection class: II
- Insulation class: IP54
- Ambient operating temperature range: -5÷55 °C
- Ambient humidity range: 95 %
- Storage temperature range: -20÷70 °C

Operation

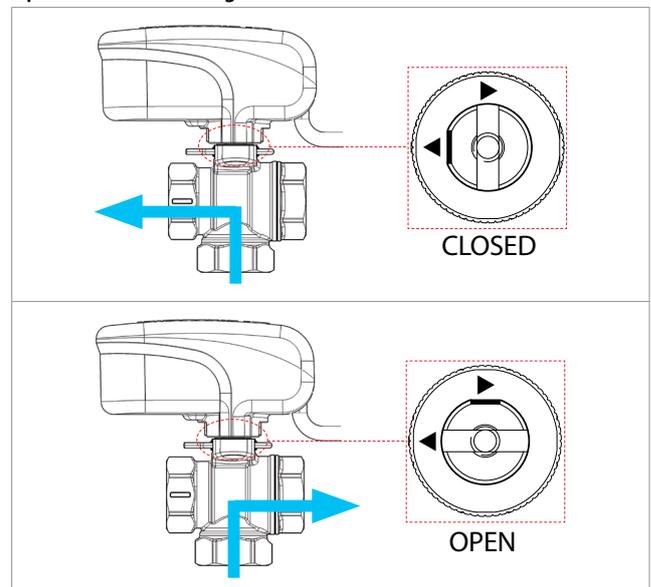
Operation with zone valves R276, R277



Operation with zone valves R278, R279



Operation with diverting valves R279D

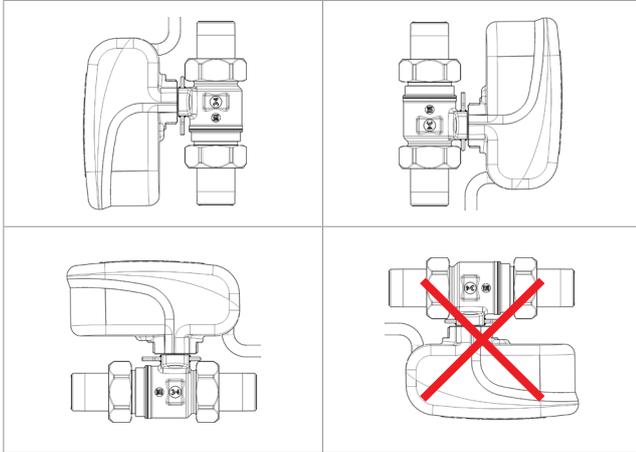




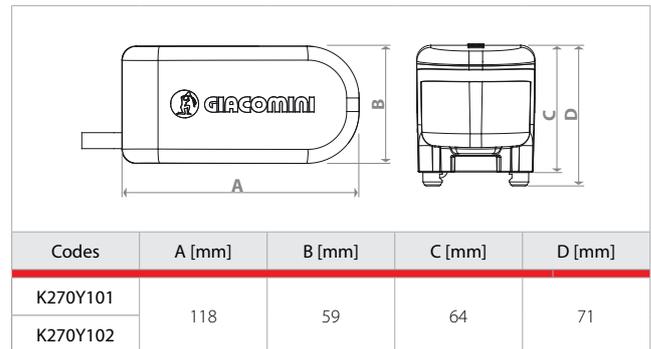
Installation

The K270 actuator must be assembled horizontally or vertically, with the cover facing upwards. It must be installed in a dry, protected place that can easily be accessed for any necessary maintenance work.

Do not cover with insulating materials.



Dimensions



Reference Standards

- EC mark
- Directive EMC 2014/30/EC
- Low Voltage Directive 2014/35/EC

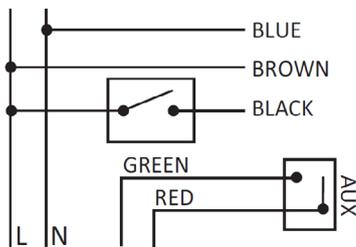
Electric connections



Warning.
Make sure the power supply voltage is disconnected while the connections are being carried out.



Warning.
Make and check the electrical connections before powering the system. Short circuits or incorrectly connected cables could cause permanent damage to the electrical components of the actuator.



Legend

Blue	Neutral
Brown	Phase
Black	Command
Green/Red	Auxiliary contact

Description of the commands

Action	Input	Auxiliary contact
Closure	Blue / Brown	Open
Opening	Blue / Brown / Black	Closed

Additional information

For additional information please check the website www.giacomini.com or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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