



**K274Y101
K274Y102**

Description

The K274Y101/K274Y102 actuator is used to control the mixing valves R295 and R296 in heating and cooling systems.

Versions and product codes

Product code	Power supply	For use with mixing valves
K274Y101	230 V - 50 Hz	R295, R296
K274Y102	24 V - 50 Hz	

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- Type of command: 3-point floating
- Rotation angle: 90°
- Opening time: 40 s
- Maximum torque: 10 Nm
- Electricity absorption: 4 W
- Protection class: II
- Insulation class: IP54
- Ambient operating temperature range: -5÷55 °C
- Ambient humidity range: 95 %
- Storage temperature range: -20÷70 °C

Main features

On the actuator, near to the valve's connections, there is an indicator of the percentage of opening of the valve.

With this indicator you can always be informed about the status of valve opening.



Operation

Operation with R295 or R296 mixing valves

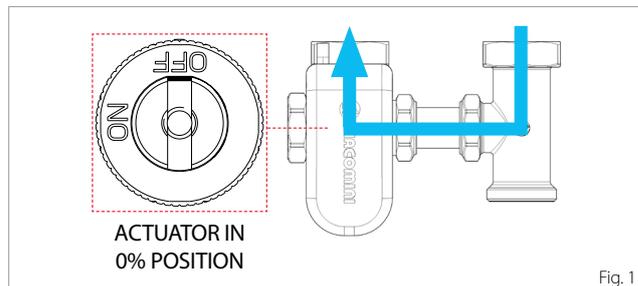


Fig. 1

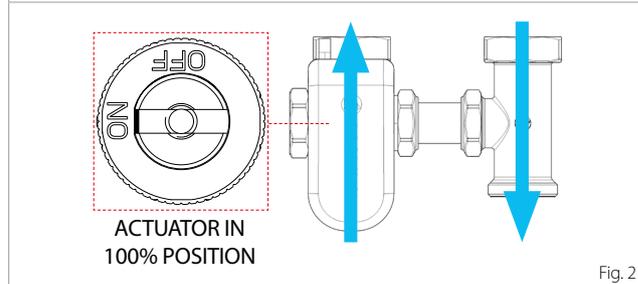
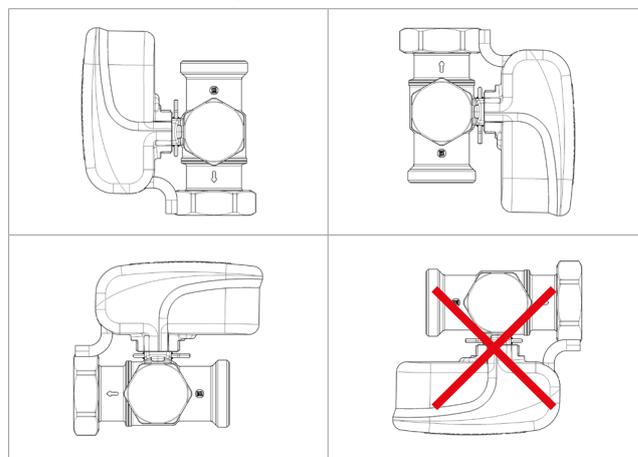


Fig. 2

Installation

The K274 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.



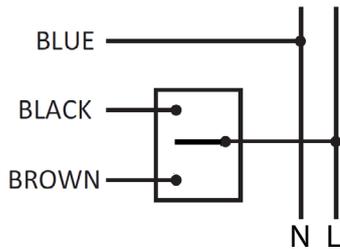
Electric connections



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	Common
Brown	Valve open (Fig. 2)
Black	By-pass open (Fig. 1)

Product specifications

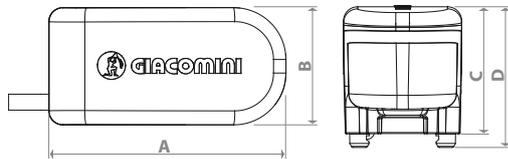
K274Y101

Rotary actuator for controlling the mixing valves R295 and R296 in heating and cooling systems. Power supply 230 V - 50 Hz. Type of command: 3-point floating. Opening time: 40 s. Maximum torque: 10 Nm. Electricity absorption: 4 W. Protection class: II. Insulation class: IP54. Ambient operating temperature range: -5÷55 °C. Ambient humidity range: 95%. Storage temperature range: -20÷70 °C. EC mark. Complying with Directive EMC 2014/30/EC and Low Voltage Directive 2014/35/EC.

K274Y102

Rotary actuator for controlling the mixing valves R295 and R296 in heating and cooling systems. Power supply 24 V - 50 Hz. Type of command: 3-point floating. Opening time: 40 s. Maximum torque: 10 Nm. Electricity absorption: 4 W. Protection class: II. Insulation class: IP54. Ambient operating temperature range: -5÷55 °C. Ambient humidity range: 95%. Storage temperature range: -20÷70 °C. EC mark. Complying with Directive EMC 2014/30/EC and Low Voltage Directive 2014/35/EC.

Dimensions



Codes	A [mm]	B [mm]	C [mm]	D [mm]
K274Y101	118	59	64	71
K274Y102				

Reference Standards

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

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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