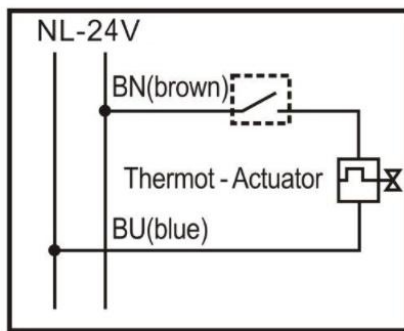




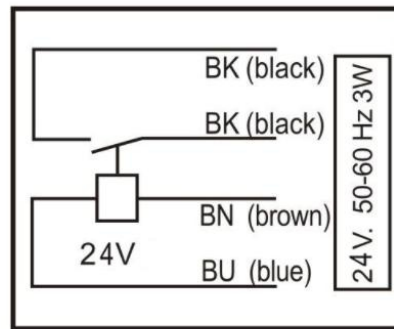
Product Code	Description
ZL-2039/230V	230v Actuator (4 Wire)
ZL-2039/24V	24v Actuator (4 Wire)

Electrical wire connections

Electrical connection

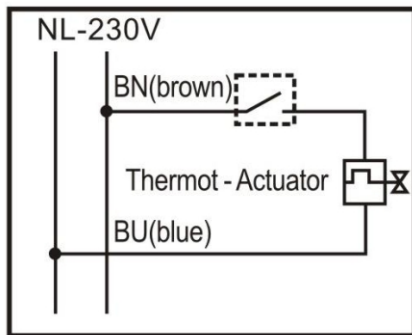


Actuator with auxiliary switch

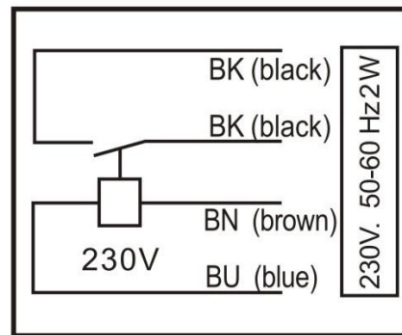


24V

Electrical connection



Actuator with auxiliary switch



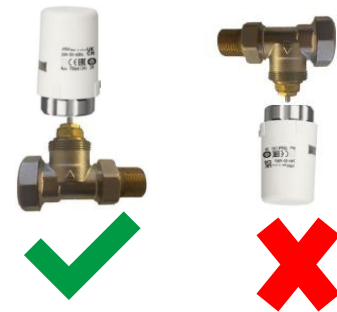
230V

Mounting

- 1) Remove handle or cap from the body valve.
- 2) Position the actuator and tighten manually the ring nut of the actuator onto the body valve.

DO NOT use pipe wrenches, spanners or similar.

- 3) Connect electrical wiring.



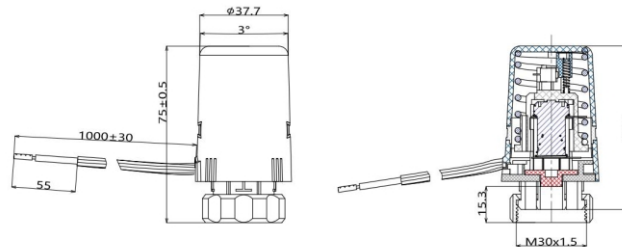
Important maintenance notes

The connecting cable must never be replaced.
Opening the actuator will cause irreparable damage to the device.
Faulty actuators must be replaced as complete units.

Warning

The actuator must not be installed below the body valve.

Overall dimensions (mm)



Technical Features

Action	ON/OFF
Power supply	24 / 230 VAC/DC (+10% / -15%)
Frequency	50 \cup 60 Hz
Power consumption (normal operation)	2 W
Peak starting current	0.20 A x 0.5 sec (230V) 0.25 A x 60 sec (24V)
Initial opening (NC) time (power ON) 230V	75 s
Final opening (NC) time (power ON)	6 min
Initial opening (NC) time (power ON) 24V	3 min
Final opening (NC) time (power ON)	6 min
Actuator stroke	max 4.0 mm
Valve stroke	3 mm
Protection class	Ip54 to En60529
Electrical Protection class	II
Safety (contamination level)	2
Cable length *	1 m 4-pole x 0.5 mm ²
Operation temperature limit	0 to 50 °C
Storage temperature limit	-25 to 60 °C
Fluid temperature limit	Max 110 °C
Nominal closing force (power OFF) (Closed type)	100 N (\pm 10%)
Auxiliary microswitch (4-pole model)	max 700 mA - 250 V ~ (a.c)
Cover	Pa66 +30 F.V. self extinguished
Valve connection	Threaded ring nut M30x1.5