

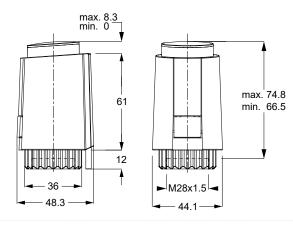
#### **DESCRIPTION**

# A56202

Thermo electrical actuator 230V ON/OFF-PWM N.C. (Normally Closed) complete of adaptor VA64 to be installed only on

• Pressure independent control valve 93 / 92 (1")

### **DIMENSIONS**



Dimensions on mm

TECHNICAL DATA/ FEATURES		Storage temperature	-25° / + 60 °C
Туре	ON/OFF-PWM - N.C.	Ambient temperature	0° / + 60 °C
Operating voltage	230Vac ± 10% - 50/60 Hz	Type of protection	IP54 / II
Max. Inrush current	<550 mA – 100 ms max	Weight	110 g
Stroke (actuator level)	6,5 mm	Colour	grey RAL7035
Operating Power	1,2 W	Connecting cable type	H03VV - 2 x 0.75 mm <sup>2</sup>
Opening/Closing time	~4,5 min.	Connecting cable length	1 m
Actuating force	125 N ± 5 %	Surge protection	2.5kV (EN 60730-1)
Fluid temperature	0/+ 100°C	Adaptor included	VA64

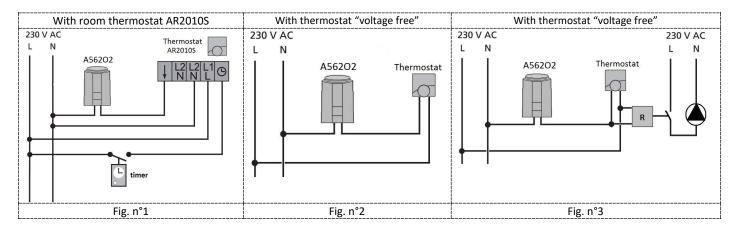
The actuators A562O2 are a 23OV thermoelectric valve drive suitable to control the flow on the heating and/or cooling installation in function of the room temperature value. If the installer need a supplementary control (i.e. pump control) in function of the actuator state (Open/close) is recommended to adopt relay (look the specify paragraph dedicated to the wiring diagrams – Figure n°3).

The actuators A562O2 are N.C. so, if is on the de-energized state, will be close from the hydraulically point of view; the actuators A562O2 could be connected to "voltage free" room thermostat. To have more details regarding the wiring connection look the specific paragraph.

#### **APPROVALS**



#### **WIRING DIAGRAMS**



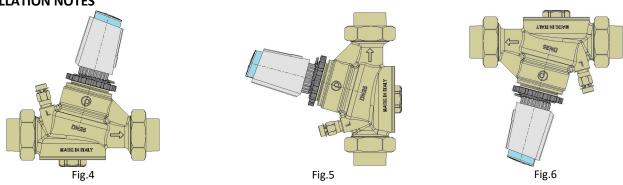
#### **LEGENDA**

N = neutral

F = Line

R = Relay

## **INSTALLATION NOTES**



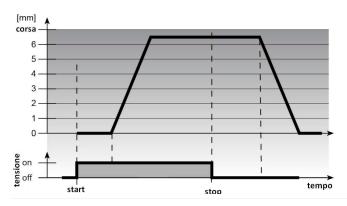
Vertical (Fig.4) or Horizontal (Fig.5) installation are recommended. An upside down (Fig.6) installation may reduce product life through special circumstances (i.e. contaminated water).

## **FIRST OPEN FUNCTION**

The actuators A562O2 are Normally Close (N.C.), so on the de-energized state, they will be close from the hydraulically point of view. Nevertheless the installation onto the "valve" is simple thanks to the "First Open Function": the actuator is delivered partially open.

Applying the operating voltage for more than 6 minutes the "First-Open function" will unlocked. It's recommended to apply the actuator only after that all the hydraulically installation phase are really completed

## **CHARACTERISTIC CURVE**



On this diagram is represented the characteristic line for the actuators A562O2 230V ON/OFF-PWM N.C. (Normally Close).

#### NOTE

The actuators series A562O2 replace the previous series A20625

