

/ Description

Art. 977 electrothermic actuators allow manifolds' valves in radiant panel systems and fan coil valves to automatically open and close.

The actuators are controlled by a room thermostat placed in every room which, depending on the request, opens or closes the heating/cooling circuit.

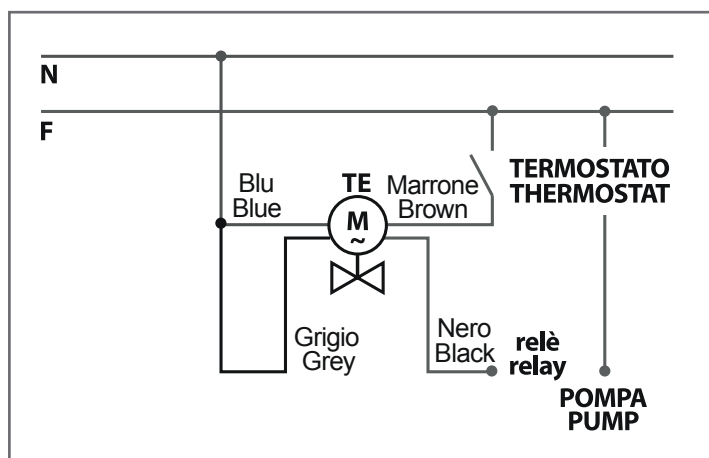
Art. 977 electrothermic actuators are equipped with 4 colored wires: blue – brown – black for AUX – grey for AUX with 1m wire length and with auxiliary micro switch for contact of circulators or zone valves. Electric supply 230V.

Each head is equipped with a mechanical position indicator.

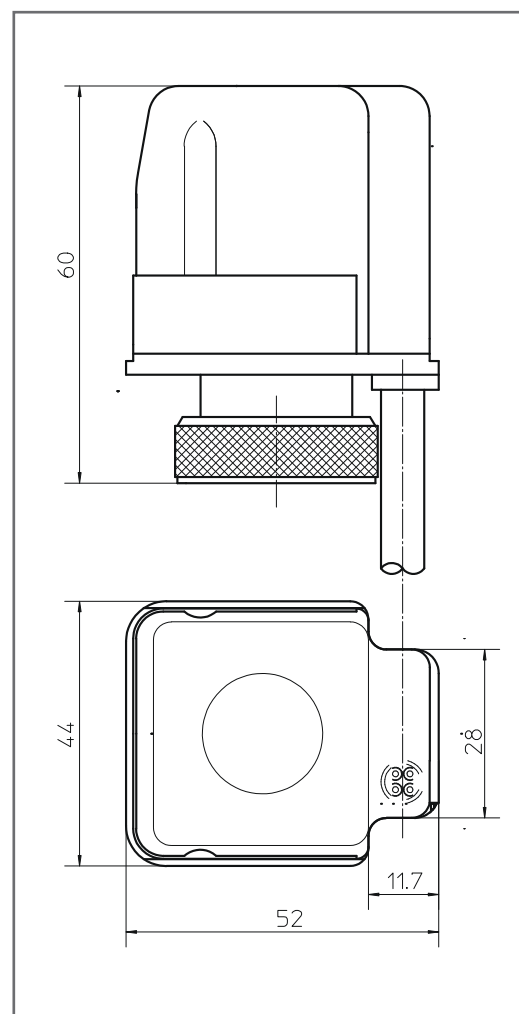
Protection rating: IP 54



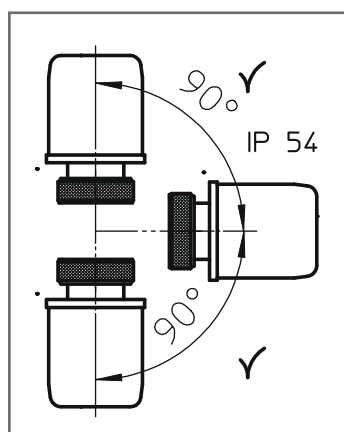
/ Electric connections



/ Dimensions



/ Positioning



/ Technical characteristics

Motion	Linear
Head stroke	4,5 mm
Electric supply	230 V AC (+ 10% / - 15%)
Frequency	50 - 60 Hz
Power consumption	2,5 W (starting)
Starting current	0,20 A x 0,5 s (230V)
Starting opening (CH) or closing (AP) time (electric supply ON) 230V	80 s
Final opening (CH) or closing (AP) time (electric supply ON)	3 min
Starting opening (CH) or closing (AP) time (electric supply ON)	3 min
Final opening (CH) or closing (AP) time (electric supply ON)	5 min
Protection rating	54
Protection class	II
Supply cable type	Type H05V2V2-F
Ambient temperature range	-5°C ÷ +50°C
Storage temperature range	-20°C ÷ +65°C
Max. temperature valve fluid	-5°C ÷ +100°C
Nominal thrust (electric supply OFF) (CH)	110 N
Nominal thrust (electric supply ON) (AP)	90 N
Auxiliary contact (only AUX version)	Max 700 m A – 250 V ~ (a. c.)
Shell material	Self-extinguishing VO
Mechanical position indicator	Red-black
Valve connection	Threaded loop M30x1
Double insulation construction	