

SEH35... Electro-thermal Actuator



SEH35...

Introduction

The SEH35.XX can be used with electrical on/off-controls to activate several types of valves and floor heating manifolds. The actuator is made for either 24V or 230V supply in normally closed.

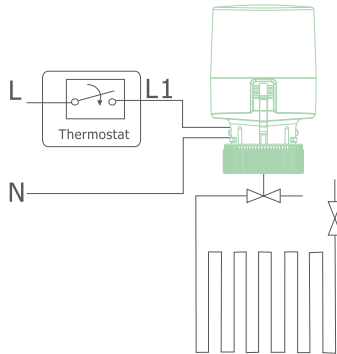
Application

Fitted on manifolds or small valves for the control of warm-water (floor) heating systems used in Commercial buildings, Residential buildings, Light industrial buildings. . .

Features

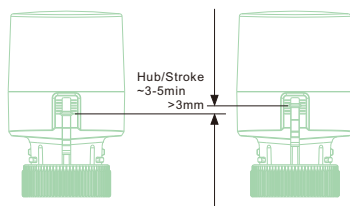
- > Wax element, PTC heating to start
- > spring re-set function, the valve close or open when power off (normal closed and normal open)
- > Noise-free operation
- > Position indicator on actuator
- > Nut connects for install and dismounting easy
- > Normal closed factory setting is open that is easy to water pressure testing (It will return to normal after the first power on connecting)

Wiring diagram:

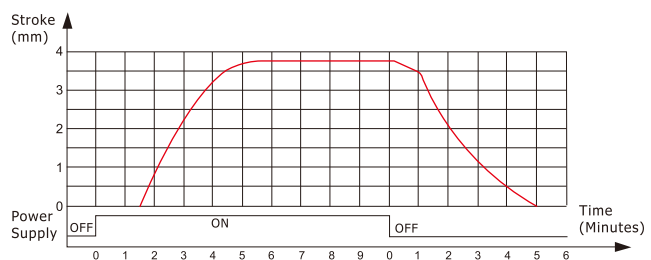


Technical data

Voltage	230V/220V, AC24V, 110V
Power consumption	2W
Force	110N
Stroke	3mm
Running time	180s
Valve interface	Cap nut M30x1.5mm
Ambient temperature	5 ~ 50°C
Cable Length	900mm
Housing material	PC+GF10
Protective housing	±45°C IP43, 45°C...90°CIP41



Typical operating curve



CM20... Electro-thermal Actuator



CM20...

Introduction

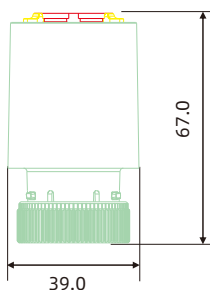
This Electro-Thermal Actuator delivers reliable temperature control with an IP56 rating and 180° installation flexibility. It features a long lifespan, noiseless operation, and requires no maintenance, with proven performance in millions of installations.

Technical data

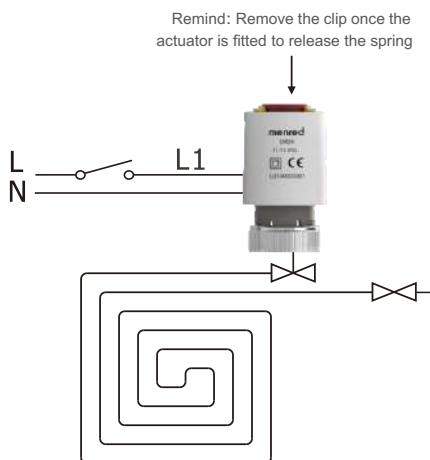
Model: CM20.23, CM20.24
Voltage: AC 220V, AC/DC 24V
Force: 100N
Stroke: 11-15mm
Power consumption: $\leq 2.5W$
Version: Normally Closed (NC)
Open/Close time: ~ 3 mins
Mechanical connection: M30 x 1.5 mm
Ambient temperature: $-5 \sim 50^{\circ}C$
Cable Length: 800mm
Housing material: Flame retardant PC
Protection degree: IP56

Dimension

Unit: mm



Wiring diagram:



Installation

- ① Remove the isolation cap
- ② Align the actuator head to the manifold
- ③ Screw on actuators by threading the actuator clockwise until tightening



TM20.23 Electro-thermal Actuator



TM20.23

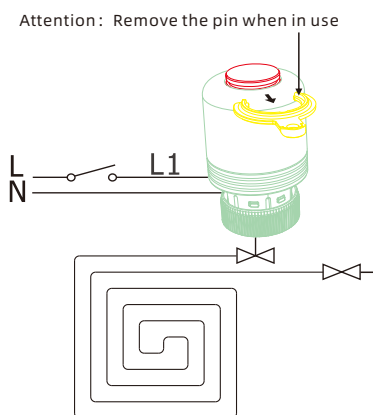
Introduction

Electrothermal actuator for manifold branch valves, small valves, dynamically balanced valves, built-in low-power wax element, driven by PTC heating, for the control of the valve flow of the electrically driven part. This product with pin design, factory to keep the valve open, the use of the need to pull out of the pin, running without noise, with spring reset function.

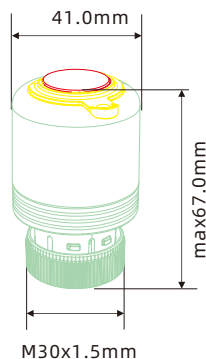
Technical data

- Voltage: AC 220V
- Force: 100N
- Stroke: 4mm(11-15)
- Valve opening time: 3min
- Power consumption: $\leq 2.5W$
- Connecting size: M30x1.5mm
- Ambient temperature: $-5\sim 50^{\circ}C$
- Protection class: IP 41
- Cable length: 800mm
- Housing material: anti-flammable

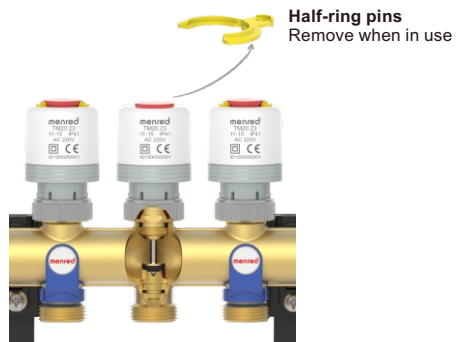
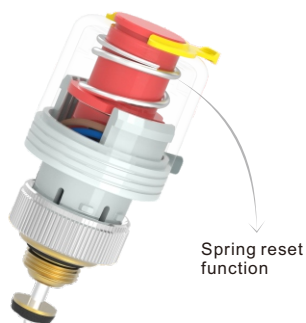
Wiring diagram



Dimension



Installation



TM30.23 Electro-thermal Actuator



TM30.23

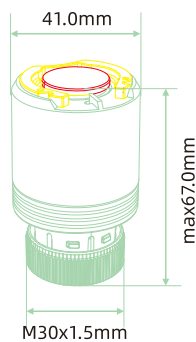
Introduction

TM30.23 can be used in the floor heating manifolds, small valves, and motorized balance valves. It's noiseless when working. And the screw thread is M30*1.5mm universal type.

Technical data

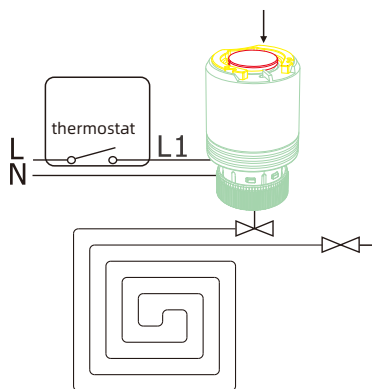
Voltage: AC220V
Stroke: 1-15mm
Valve opening time: 3min
Connecting size: M30x1.5mm
Ambient temperature: -5~50°C
Cable length: 800mm
Housing material: PC anti-flammable
Protection class: IP41

Dimension

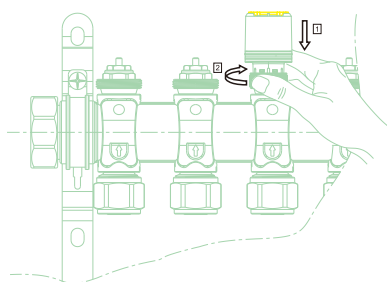


Wiring diagram:

Remind: Yellow plug automatic plug-out during using



Installation



- ① Align the actuator head to the manifold
- ② Screw on actuators by threading the actuator clockwise until tightening