

## Thermic Terminal Valve Actuators

### Features



- 24Vac and 230Vac supply options
- No tools required for mounting
- Position indicator

### Specification

#### Power supply:

VT-TA-24	24Vac/dc $\pm 10\%$
VT-TA-230	230Vac $\pm 10\%$

#### Power consumption:

On/off types	1.8W
0-10Vdc types	2W

#### Control type:

VT-TA-xx-1 / 2	On/off
VT-TA-24-M	0-10Vdc Modulating

#### Operating current:

24V on/off	75mA (in-rush 250mA 2 min. max.)
230V on/off	8mA (in-rush 300mA 200ms max.)
24V mod.	83mA (in-rush 250mA 2 min. max.)

Stroke 4mm

#### Speed:

On/off types	180 seconds approx.
0-10Vdc types	30s/mm

Actuator force 100N  $\pm 5\%$

Connection cable 0.9m

#### Ambient:

Temperature	5 to 40°C
Humidity	0 to 95% non-condensing

Protection IP54

Country of origin Germany

### Product Codes

#### VT-TA-24-1

Terminal valve 24Vac on/off thermic actuator,  
(Normally open)

#### VT-TA-24-2

Terminal valve 24Vac on/off thermic actuator,  
(Normally closed)

#### VT-TA-230-1

Terminal valve 230Vac on/off thermic actuator,  
(Normally open)

#### VT-TA-230-2

Terminal valve 230Vac on/off thermic actuator,  
(Normally closed)

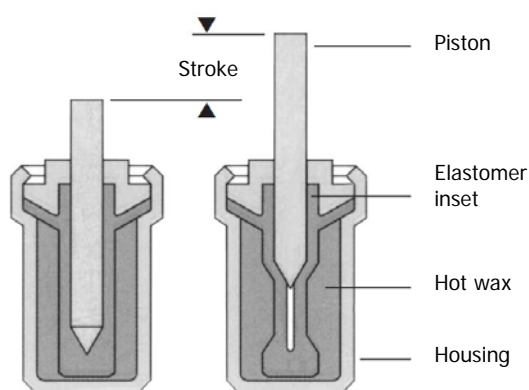
#### VT-TA-24-M

Terminal valve 24Vac modulating thermic actuator,

## Technical Overview

Used with the VT-xP range of valves, they are tried and tested totally silent wax expansion principle actuators. The valve opens in direct proportion to the amount of wax melted, driving the stem through its travel to close (or open) the valve. They provide a very cost effective solution for valve control.

## Operating Principle



## Installation

The actuator can be installed vertically, or at any angle not exceeding the horizontal.

The Actuator mounting thumbnut is to be hand-tightened only, using tools may result in over-tightening.