

Terminal unit valve actuators

VA-708x

Thermal ON/OFF control

The VA-708x terminal unit valve actuators series provide ON/OFF and DAT control in HVAC application.

The compact design of these actuators make them suitable for installations in confined spaces, such as fan-coil applications.

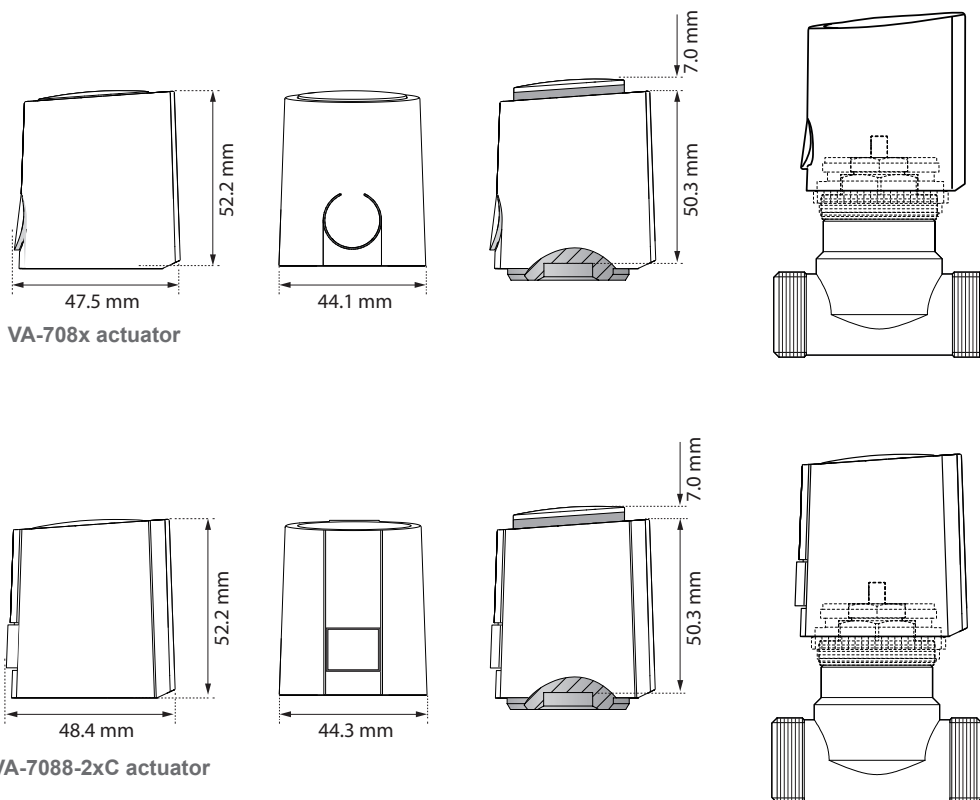
The VA-708x actuators are designed for field mounting onto all Johnson Controls terminal unit valves: VG3000, VP1000 (see pertinent product bulletins).

Features

- ▶ 24 VAC/DC and 230 VAC power supply
- ▶ ON/OFF or DAT controls
- ▶ NC version (stem retracts when energized)
- ▶ NO version (stem extends when energized)
- ▶ Easy mounting solution
- ▶ Factory mounted cable 1,5 m
- ▶ Models with auxiliary switch



Dimensions in mm



Terminal unit valve actuators

VA-708x
Ordering information

| Codes | Supply voltage | Action control | Force | Stroke | Factory setting | Mounting thread | Protection class | Packaging | Power consumption | | Auxiliary Switches | |
|-------------|----------------|------------------|-------|--------|---|-----------------|------------------|-------------------------------------|-------------------|-------------------------------|--------------------|---|
| | | | | | | | | | Continuous | Start-up | | |
| VA-7081-21 | 24 VAC/ VDC | ON/OFF or DAT | 100 N | 5.0 mm | Normally closed (stem retracts when energized) 2 m cable length | M28x1.5 | IP54 | Single packaged in carton box | 1 W | <300 mA during max 2 min. | --- | |
| VA-7088-21 | | | | | | M30x1.5 | | | | | | |
| VA-7081-23 | 230 VAC | | | | | M28x1.5 | | | | | | |
| VA-7088-23 | | | | | | M30x1.5 | | | | | | |
| VA-7080-21 | 24 VAC/ VDC | | | | Normally open (stem extends when energized) 2 m cable length | M28x1.5 | | | | <300 mA during max 2 min. | | |
| VA-7087-21 | | | | | | M30x1.5 | | | | | | |
| VA-7080-23 | 230 VAC | | | | | M28x1.5 | | | | <550 mA during 100 ms. max | | |
| VA-7087-23 | | | | | | M30x1.5 | | | | | | |
| VA-7088-21C | 24 VAC/ VDC | | | | Normally closed (stem retracts when energized) 2 m cable length | M30x1.5 | | | | <300 mA during max 2 min. | | • |
| VA-7088-23C | 230 VAC | | | | | | | | | <550 mA during 100 ms. max | | • |

Accessories (order separately)

| Codes | Description |
|-------|--------------------|
| VA50 | Adapter for VG6000 |
| VA64 | Adapter for VP1000 |

Spare parts

| Codes | Description |
|-------|---|
| VA80 | Standard Adapter M30 x 1.5 for VG3000 and V5000, included in the product package |
| VA17 | Standard Adapter M28 x 1.5 for VG5000 and VG4000, included in the product package |

Adapter selection guide for Johnson Controls valves

| Valve | Actuator | Adapter | Note |
|--------|------------|---------|------------------------------------|
| VG3000 | VA-7087-2x | --- | Included in the actuator packaging |
| | VA-7088-2x | --- | Included in the actuator packaging |
| V5000 | VA-7087-2x | --- | Included in the actuator packaging |
| | VA-7088-2x | --- | Included in the actuator packaging |
| VG6000 | VA-7087-2x | VA50 | To be ordered separately |
| | VA-7088-2x | VA50 | To be ordered separately |
| VP1000 | VA-7087-2x | VA64 | To be ordered separately |
| | VA-7088-2x | VA64 | To be ordered separately |
| VG5000 | VA-7080-2x | --- | Included in the actuator packaging |
| | VA-7081-2x | --- | Included in the actuator packaging |
| VG4000 | VA-7080-2x | --- | Included in the actuator packaging |
| | VA-7081-2x | --- | Included in the actuator packaging |