

# VA-7480 Series Actuator



Leading Terminal Unit Solutions

The power behind **your mission**





# Simply the best choice

The VA-7480 Series is a complete portfolio of actuators designed to be field mounted onto terminal unit valves from Johnson Controls or any other brand. Thanks to the innovative concept of auto stroke detection, a VA-7480 can be installed over any conventional terminal unit valve or any PICV with variable strokes.

The VA-7480 Series features an electrical fail-safe, a feedback signal, auto stroke detection and a compact IP54 design. It also has configurable settings such as analogue inputs, direct and reverse action, linear and Eq% controls, and the capability to pre-set the electrical fail-safe position. All of this makes it the best choice for terminal unit applications.



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## High quality

Innovative technical design and quality construction ensure best-in-class performance and advanced accuracy during long operational periods. Non-auto stroke models have a guaranteed lifespan of 250,000 full cycles, and auto stroke models have a guaranteed lifespan of 150,000 full cycles.

## Energy efficiency

The feedback signal provides stable real-time control for modulating HVAC applications, which boosts energy efficiency.

## Assured safety

The electrical fail-safe feature protects the equipment and the system from damage, while enhancing comfort and overall efficiency. Johnson Controls developed this high-level safety technology to provide a long life of 5,000 guaranteed full charges.

# Key features and benefits

## Plug and play capability

With an easy and intuitive mounting system, VA-7480 Series actuators require no tools or expertise to install. This drastically reduces operational costs.

## Flexibility

Settings can be configured with dip switches, or with an external, user-friendly configuration tool, depending on the model. In addition, the user has the flexibility to match to the control scheme by selecting the analogue input signal, direct or reverse action, and a linear or Eq% control.

## Field serviceability

An RGB LED notification light provides real-time information about the actuator's status and diagnostics in the field, which saves time and money.

# Find the right VA-7480 for you



**VA-7480 & VA-7481**




**VA-7482**



**VA-7483**



**VA-7484**

<b>Case</b>	Customizable	Customizable	Customizable	Customizable
<b>Control</b>	On/Off & Floating	Proportional	Proportional	Proportional
<b>Power Supply</b>	24V AC & 230V AC	24V AC/DC	24V AC/DC	24V AC/DC
<b>Force</b>	Up to 140N	Up to 160N	160N	160N
<b>Enclosure</b>	IP54 & IP43	IP54	IP54	IP54
<b>Running Time</b>	13 sec/mm & 8 sec/mm	8 sec/mm	8 sec/mm	8 sec/mm
<b>Stroke</b>	Fixed	Fixed & Auto Stroke	Auto Stroke	Auto Stroke
<b>Removable Cable</b>	✓	✓	✓	✓
<b>LED Diagnostic</b>	✓	✓	✓	✓
<b>Feedback</b>	—	—	✓	✓
<b>Electrical Fail Safe</b>	—	—	—	✓
<b>Configuration</b>	—	Dip Switches	Dip Switches	

Configuration Tool

# Book a demo with your Johnson Controls representative now

## About Johnson Controls

We transform the environments where people live, work, learn and play. From optimizing building performance to improving safety and enhancing comfort, Johnson Controls drives the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers and manufacturing. With a global team of over 100,000 experts in more than 150 countries, and over 130 years of innovation experience, we are the power behind our customers' missions. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, YORK®, Metasys®, Ruskin®, Titus®, Frick®, PENN®, Sabroe®, Simplex® and Grinnell®.

For more information, visit [www.johnsoncontrols.com](http://www.johnsoncontrols.com) or follow [@johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter.

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The power behind **your mission**

