

SSA/SSP Series Electronic Valve Actuator

24 Vac, Floating or 0-10V Control
Non-Spring Return



SSA/SSP Series Electronic Valve Actuator.

Description

The SSA/SSP Electronic Valve Actuator requires a 24 Vac power supply and receives a 0 to 10 Vdc signal or a floating control signal to control a valve. This actuator is designed to work with Zone Control Valves with a 1/10-inch (2.5 mm) stroke and a threaded valve bonnet that fits the actuator.

Features

- UL listed for plenum installations
- Direct-coupled installation without tools
- Manual Override with hex wrench
- Visual position indication

Applications

The SSA/SSP Electronic Valve Actuators are for use with heating and cooling HVAC applications with Zone Valves.

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Valves

SSA/SSP Actuator Valve Specifications

Power Supply

Operating Voltage 24 Vac ±20%
 Frequency 50/60 Hz

Power Consumption

SSA81 0.8 VA
 SSA/P61 2.5 VA

Agency Certifications

CE Conformance
 EMC Directive 89/336/EEC
 Low Voltage Directive 73/23/EEC
 UL listed UL873
 cUL Certified to Canadian Standard
 C22.2 No. 24-93

Function

Running Time
 SSA/P61 34 sec.
 SSA81 150 sec.
 Nominal Stroke 1/10-inch (2.5 mm)
 Nominal Force 36 lb. (160N)

Ambient Temperature

Operation 41 to 122°F (5 to 50°C)
 Transport and Storage -13 to 158°F (-25 to 70°C)

Medium Temperature

..... 34 to 230°F (1 to 110°C)

Dimensions

..... 3.26" H x 3.26" W x 1.9" D
 (82 mm H x 83 mm W x 48 mm D)

Shipping Weight

..... 9 oz. (0.25 kg)

SSA/SSP Series Actuator Product Ordering

Description	Part No.	Actuator Prefix Code
24 Vac, Floating, Normally Closed	SSA81U	244
24 Vac, 0-10 Vdc, AB-A NC	SSA61U	245
24 Vac, 0-10 Vdc, AB-A NO	SSP61U	248

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Valves

Accessories & Service Kits

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