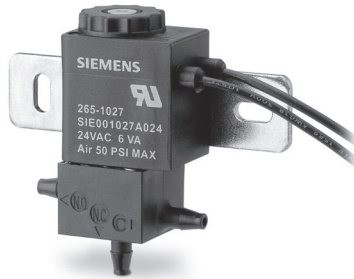


Three-way EP Valves



265-1027
3 EP Valve



265-1021
3 EP Valve

Description

A general purpose, electrically operated, two-position three-way valve designed to control air flow, the 265 Three-Way Valve can be used for interlock between an electrical system and a pneumatic control system; available in open frame (yoke) and junction box (splice box) types.

Features

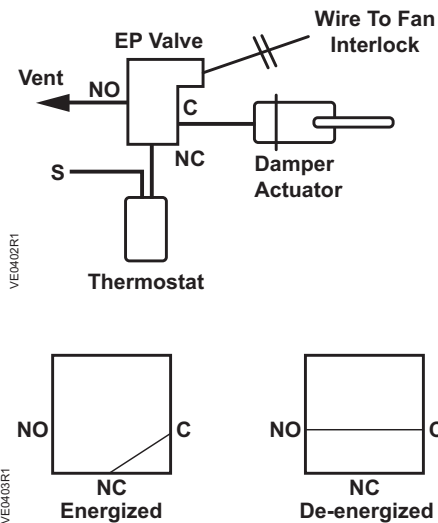
- UL and cUL recognized per UL429
- Valve may be mounted in any position
- Mounting holes provided in the yoke
- Wide selection of AC voltages
- Junction box and Open frame types available

Applications

The 265 EP Three-way Valves are commonly-used to alternately apply pressure to and exhaust pressure from pneumatically-controlled devices, such as valves and damper actuators, by an electrical input energizing or de-energizing the solenoid of the valve.

A standard method is shown in the Application Drawings below. The input air is connected to port 1 (normally closed) and the output is connected to port 3 (common). Thus when the solenoid is energized, port 1 connects to port 3 permitting the thermostat to control the damper actuator. When the solenoid is de-energized, port 2 (normally open) is connected to port 3, exhausting air from the actuator permitting it to return to its normal position.

Application Drawings



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Pneumatics

265 EP Valves Specifications

Ambient Temperature	
Junction Box Type	0 to 100°F (0 to 38°C)
Open Frame Type	0 to 110°F (0 to 43°C)
Controlled Medium	Air only
Maximum Air Pressure	50 psi (207 kPa)
Air Flow Capacity	
Inlet Pressure	20 psi (138 kPa)
Differential Pressure	1 psi (7 kPa)
Air Flow	600 scim (164 cm³/s)

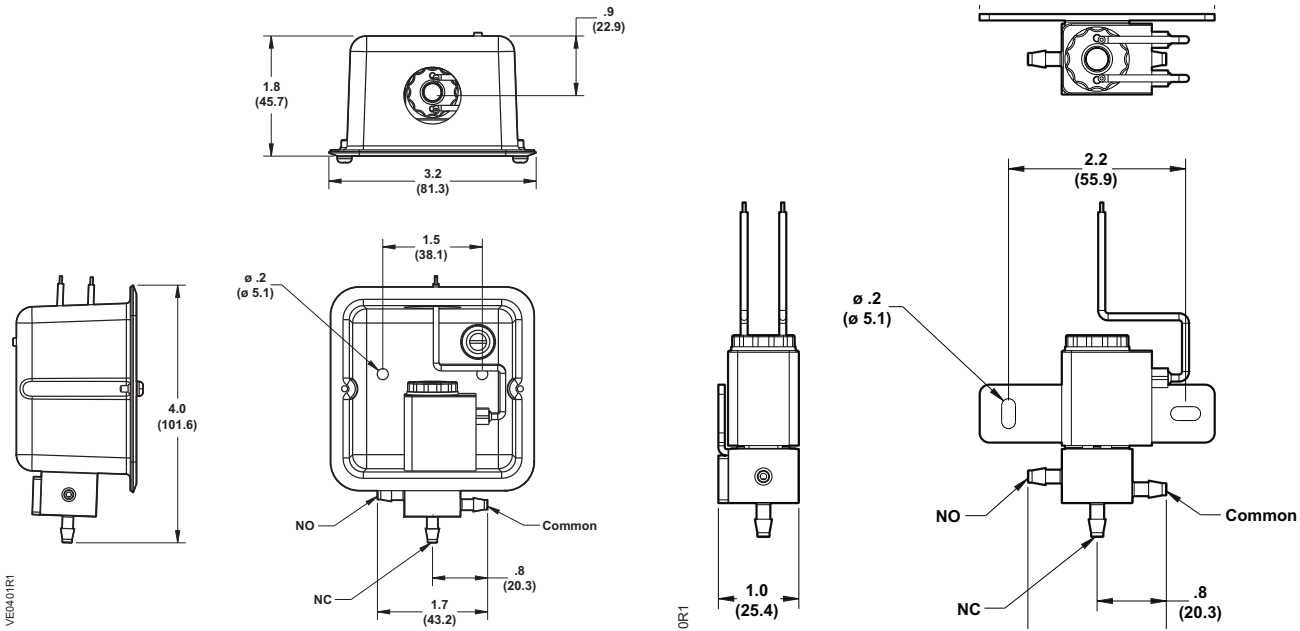
265 EP Valves Product Ordering

AC Voltage		Part No.
60 Hz	50 Hz	
Junction Box		
24	—	265-1021
120	110	265-1022
240	220	265-1024
Open Frame		
24	—	265-1027
120	110	265-1028

Cv Flow Factor	0.06
Electrical Ratings	
Voltages.....	24 to 240 Vac
Power Consumption	6 VA
Mounting Bracket	1 oval and open-ended hole; part of the yoke.
Junction Box	NEMA 1 Enclosure
Air Connections	Barbed fittings for 1/4" (6 mm) OD tubing
Materials	
Body	Glass Filled Thermoplastic
Internal	Buna N, Copper, Stainless Steel
Shipping Weight	
Open Frame Type	0.25 lb. (0.11 kg)
Junction Box Type	0.50 lb. (0.23 kg)

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Dimensions



Dimensions shown in inches (mm).