

## Description

**Note:** Use this valve in closed loop hydronic systems that do not contain dissolved oxygen in system water, such as fresh water from frequent source of makeup water.

### 24V 1/2" Sweat Connection Low Voltage Motorized Zone Valves

- Application: Hydronic Control
- Connection Type: Sweat
- Pipe Size (inch): 1/2"
- Pipe Size (DN): DN15
- Body Pattern: Two-way
- Capacity (Kv): 3 Kv
- De-energized Position: Normally Closed
- Maximum Close-off Pressure (psi): 20 psi
- Maximum Close-off Pressure (kPa): 138 kPa
- Fluid Temperature Range (F): 40 F to 200 F
- Fluid Temperature Range (C): 5 C to 93 C
- Electrical Connections (in.): 18" leads
- Electrical Connections (mm): 457 mm leads
- Power Consumption: 7.7 VA
- Valve action: Spring Return
- Maximum Ambient Temperature (F): 125 F
- Maximum Ambient Temperature (C): 52 C
- Dimensions (in.): 4" high x 3-1/2" wide x 2-3/8" deep
- Dimensions (mm): 101 mm high x 90 mm wide x 60 mm deep
- Type: 2 position
- End Switch: SPST
- End Switch Rating: 50 VA pilot duty @ 24 V; 4.4 A running with 26.4 A inrush @ 120 V
- Static Pressure (psi): 125 psi
- Static Pressure (kPa): 862 kPa
- Materials (Body): Brass
- Materials (Stem): Stainless Steel
- Materials (Ball Plug) Buna-N (NBR): Rubber Ball
- Materials (Packing O-rings): EPDM O-rings
- Voltage: 24V
- Frequency: 60 Hz; 50 Hz
- Approvals, Underwriters Laboratories Inc: UL Listed Includes N.O. SPST auxiliary switch
- Tradeline Value: Tradeline
- Used: with Actuator Integral
- Nominal Timing (sec): 15 sec

## Specs

<b>Size:</b>	1/2"
<b>Connection Type:</b>	Sweat
<b>Voltage:</b>	24v
<b>Body Pattern:</b>	2-Way
<b>Flow Capacity (Cv):</b>	4.3
<b>Width (Inches):</b>	3-1/2"
<b>End Switch:</b>	Yes
<b>Application:</b>	Zoning
<b>Height:</b>	4"
<b>Material:</b>	Brass
<b>Amperage:</b>	0.3
<b>Voltage:</b>	24v
<b>Position:</b>	Normally Closed
<b>Depth (Inches):</b>	2-3/8"
<b>Max Pressure (PSI):</b>	300
<b>Flow Capacity (Cv):</b>	3.5
<b>Wiring:</b>	18" Leads
<b>Hertz:</b>	59
<b>Max Ambient Temp (°F):</b>	125°F
<b>Max Close-Off PSI:</b>	20 psi
<b>Temperature Range (F):</b>	50°F - 200°F
<b>Min Temp (F):</b>	50°F
<b>Max Temp (F):</b>	200°F
<b>Connection Type:</b>	Sweat