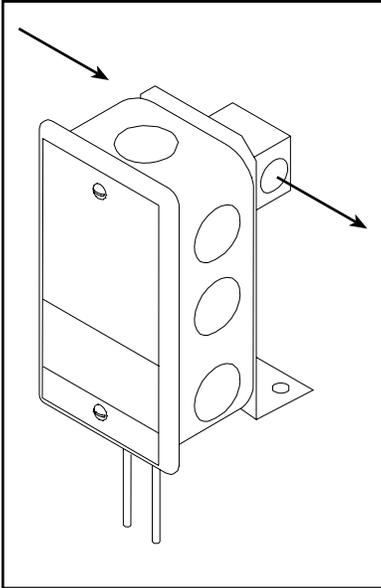
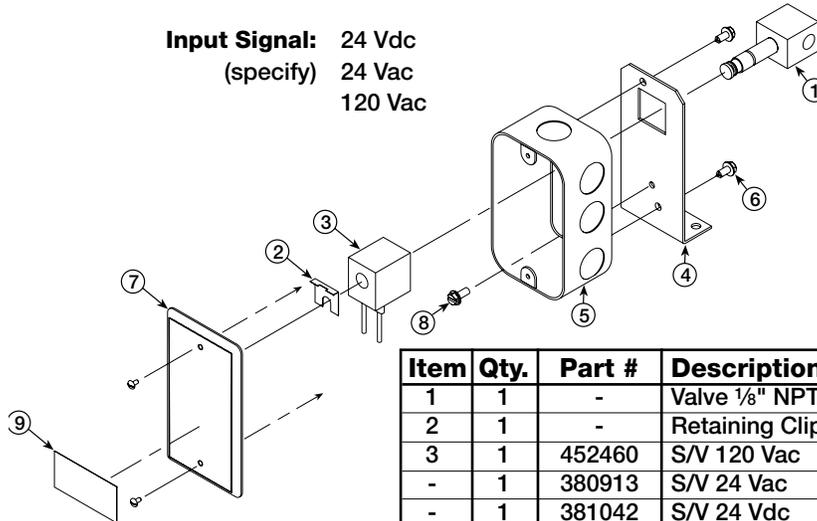


Application & Design

An electro-pneumatic (EP) switch, also known as a three way solenoid valve, is used to electrically open and close a pneumatic actuated damper. It is wired in series with a normally closed thermostat when used with a fire smoke damper (FSD) to initiate closure at elevated temperatures. The EP switch can also be used on a smoke damper (SMD) to initiate closure when required in a smoke control system.

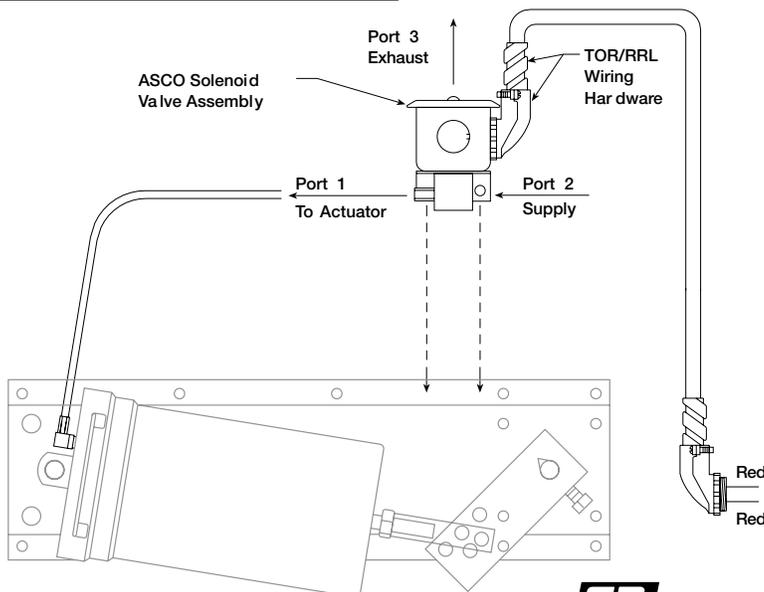
Assembly


Input Signal: 24 Vdc
(specify) 24 Vac
120 Vac



Item	Qty.	Part #	Description	Kit #
1	1	-	Valve 1/8" NPT	
2	1	-	Retaining Clip	
3	1	452460	S/V 120 Vac	812441
-	1	380913	S/V 24 Vac	812442
-	1	381042	S/V 24 Vdc	812443
4	1	651371	Mounting Bracket	
5	1	380850	2 x 4 x 1.875 Ext. Box	
6	2	415555	#10 x 0.50 TEK Screw	
7	1	380257	2 x 4 Blank Cover	
8	1	415539	#10-32 HH Grounding Screw (green)	
9	1	454850	Label	

Kit #s include appropriate voltage solenoid valve shown under Item 3 and all other Item #s above.

Typical Setup


Solenoid Valve With RRL

Solenoid Valve	RRL
Red	Orange
Red	Black

Solenoid Valve With TOR

Solenoid Valve	TOR
Red	Brown
	Orange
Red	Black
	Blue
Red	Red
	Purple
	Yellow