Coils

S6A Modular Solenoid Pilot

Adds electric shut-off (S) or electric wide opening (B) and is used with Modular Pressure Pilot A2D/A2D2 for dual (D) variations. Class "F" U.L. approved system with housing meeting 3R and 4 requirements.

Furnished with bolts and O-rings. Mounts to Modudapter®. Same for all regulator sizes.

Coil (Volts/Hz)	Power Lead	Neutral Lead	Inrush Current (Amps)	Running Current (Amps)	Fuse Size (Amps)	Temp °C (°F)
24/50	Brown	White	6.82	2.99	4	250 (482)
24/60	Brown	White	6.70	2.73	4	250 (482)
115/50	Purple	White	1.22	0.21	1	90 (194)
120/60	Blue	White	1.18	0.46	1	90 (194)
208/60	Red	White	0.63	0.24	1	90 (194)
230/50	Yellow	White	0.65	0.26	1	90 (194)
240/50	Black	White	0.59	0.24	1	90 (194)
240/60	Orange	White	0.60	0.23	1	98 (208)
12 DC	Brown	White	–	–	–	–
24 DC	Brown	White	6.70	6.70	–	204 (400)

S6A Coil

Notes: LED knobs can only be used on AC coils.

S6B Compact Modular Solenoid Pilot

The S6B, Class “H” coil, is an optional pilot solenoid which can be mounted on the CK-5 gas powered suction stop valve, CK-2D and CK-6D dual position gas powered suction stop valves. Due to the "spring assisted" construction of the valve's plunger assembly allow the valves to be mounted on its side as opposed to the S6A, which must be mounted in a vertical position for the pilot solenoid to positively close when de-energized.

The supply circuits must be properly sized to give adequate voltage at the coil leads even when other electrical equipment is operating. The coil is designed to operate at 15% under voltage. Operating with line voltage below the limit will result in lowering the valve opening pressure differential.

S6B Voltage Availability

110-120V 50-60Hz, 220-240V 50-60Hz, 208V 60Hz, 240V 50Hz, and 24V 60Hz

S6B Coil

Coils

SV2 Compact Modular Solenoid Pilot

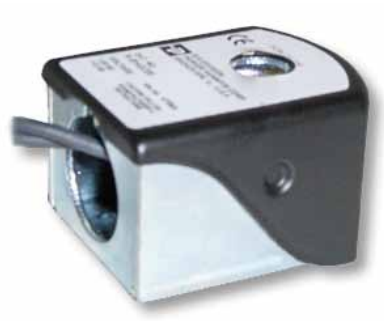
These water resistant Class "H" solenoid coil is designed for long life and powerful opening force. The solenoid coil must be connected to electrical lines with Volts and Hertz the same as specified on the coil assembly. The supply circuits must be properly sized to give adequate voltage at the coil leads even when other electrical equipment is operating. The coil is designed to operate at 15% under voltage. Operating with line voltage below the limit will result in lowering the valve opening pressure differential.

Coil Type	Watts	Inrush Current (Amps)	Running Current (Amps)	Temp °C (°F)
Standard AC Coil - Class 'H'	10.5	37	23	180 (365)

SV2 Coil Voltage Availability

110-120V 50-60Hz, 220-240V 50-60Hz, 208V 60Hz, 240V 50Hz, and 24V 60Hz

SV2 Coil



Voltages

Available Voltages for Coils and Remote Pilot Lights	Module	Class	120/60	120/6/60	208/60	208/6/60	240/60	240/6/60	115/50	230/50	240/50	24/60	24/50	48/50	24 VDC	48 VDC
Encapsulated w/Leads	S6A	F	•	•	•	•	•	•		•		•	•	•	•	
Encapsulated w/Leads & Integral Pilot Light	S6A	F	•		•		•									
Encapsulated w/DIN Connector	S6A	F	•				•		•	•	•				•	•
Encapsulated w/DIN & Integral Pilot Light	S6A	F	•				•		•	•	•					
Compact Operator w/Leads	S6B	H	•		•		•		•	•	•					
Compact Operator w/DIN Connector	S6B	H	•		•		•		•	•	•					
Explosion Proof	X	—	•		•		•		•	•		•			•	
Compact Operator w/Leads	SV2	H	■		•		■		•	•	•	•	•			
Compact Operator w/DIN Connector	SV2	H	■		•		■		•	•	•	•	•			

Coils are available from stock with most standard voltages; see table above.
Non-standard voltages; shown in the shaded area of table.
Consult factory for other voltages.

■ These voltages for the Class "H" coils are 120/60 - 110/50, 240/60 - 220/50, 480/60 - 440/50.

Notes: Remote pilot lights cannot be used with explosion proof or unleaded coils.
Consult factory for information on explosion proof coils.