

Features

- Stainless steel wetted materials (except as noted)
- NEMA 4, 12 & 13 enclosure
- Stable diffused silicon sensor
- LED status indicators for over/under pressure
- Separate adjustment chamber
- Set point adjustments with large calibrated dial in psi and bar provides setting accuracy to 3% adjustable range
- Differential/deadband adjustment from 2% to 95% of adjustable range with 20 turn potentiometers
- Separate wiring chamber
- 20 to 30 millisecond time delay built-in to dampen pressure surges and prevent false switching

1 Year Warranty



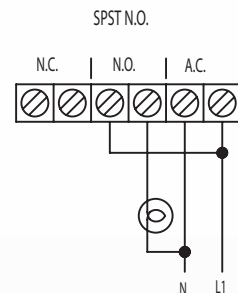
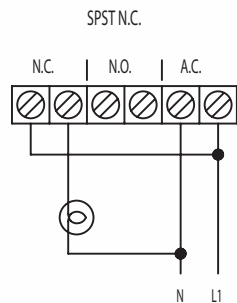
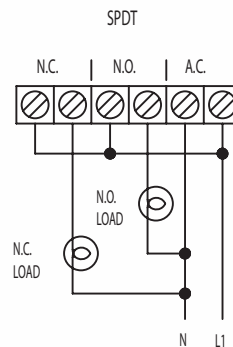
How to select

- Determine pressure range
- Check proof pressure
- Specify catalog number
- Modify catalog number with options

Specifications

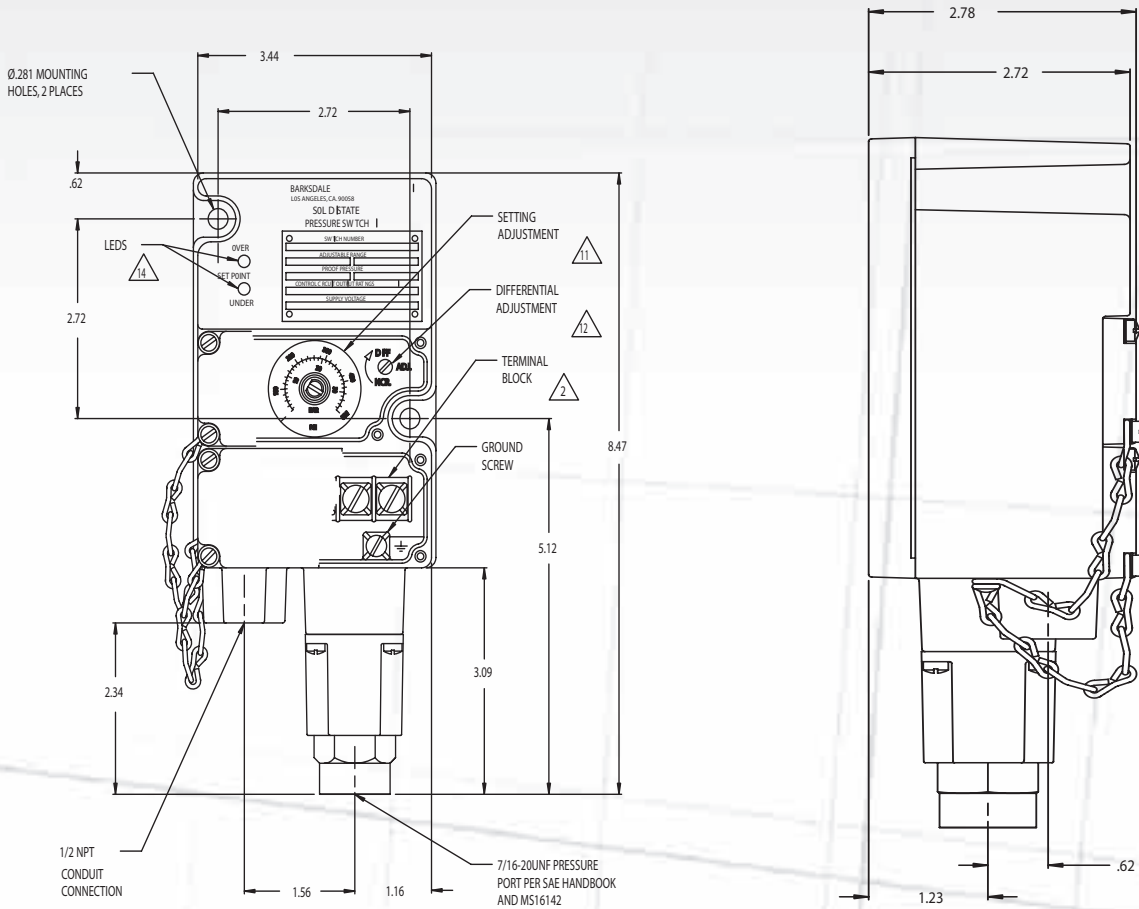
Electrical Option	1/2" NPT conduit to internal terminal block
Pressure Connection	7/16-20 UNF female pressure port per SAE and MS16142
Operating Temperature	0°F to +160°F
Power Supply	115 VAC±10%, 50-60 Hz. Metal oxide varistor on input power for surge protection. Power up delay of 5 seconds maximum (triacs remain off during this period)
Switching	3 amp AC SPST normally open and normally closed solid state triacs Leakage current 1.7 mA maximum Voltage drop 2 volts maximum Switching Voltage 30 VAC to 130 VAC
Power Consumption	2 volt amp maximum; 2 watts maximum
Repeatability	±0.5% of adjustable range constant ambient temperature ±3% of adjustable range from initial setting over compensated temperature range

Wiring Configurations



Solid State Pressure Switch

3AG11T AC Series AC



3AG11T Series

Operating Range	Adjustable Range		Adjustable Deadband	Proof Pressure	Catalog Number
	Min.	Max.			
Gauge (PSIG)					
0.5-15	0.45	15	0.3 to 14.25	30	3AG11T-01C-01SW
1.5-50	0.15	50	1 to 47.5	100	3AG11T-03C-01SW
3 -100	3	100	2 to 95	200	3AG11T-04C-01SW
9 -300	9	300	6 to 285	600	3AG11T-07C-01SW
15 -500	15	500	10 to 475	1000	3AG11T-08C-01SW
30 -1000	30	1000	20 to 950	2000	3AG11T-10C-01SW
60 -2000	60	2000	40 to 1900	4000	3AG11T-12C-01SW*
90 -3000	90	3000	60 to 2850	6000	3AG11T-13C-01SW*
120 -4000	120	4000	80 to 3800	8000	3AG11T-14C-01SW*
150 -5000	150	5000	100 to 4750	10000	3AG11T-15C-01SW*
250 -7500	250	7500	150 to 7125	13000	3AG11T-17C-01SW*
300 -10000	270	10000	200 to 9500	13000	3AG11T-18C-01SW*
Approximate shipping weight: 2.1 lbs.					

* Viton O-ring in contact with media standard. Other materials available. Consult factory.