



# Automatic Reset High, Low & Condenser Fan Cycling Pressure Switches

## Features



- High Pressure SPST open on pressure rise
- Low Pressure SPST open on pressure fall
- Condenser Fan Cycling SPST open on pressure rise
- 1/4" female SAE connection
- Snap acting stainless steel hermetically sealed sensor (SHP, SLP & SFC)
- Small size and light weight for direct mounting
- Excellent set point repeatability / stability
- Pressure Range: 0 to 650 PSI
- Burst Pressure: 5000 PSI
- Life @ Rated Load: 100,000 cycles
- Rated Voltage: 50 / 60 Hz, 24 / 120 / 240 Volts (6 RLA, 36 LRA)
- Temperatures: Ambient 20°F to 176°F (-30°C to 80°C). Fluid 60°F to 250°F (-50°C to 120°C).
- Applications
- Refrigeration systems
- Air conditioning systems
- Heat pump systems

LOW PRESSURE									
PART NO.	OPEN PSI	CLOSE PSI	TOLERANCE	KLIXON PART NO.	MARS PART NO.	RANCO PART NO.	ROERTSHAW PART NO.	JOHNSON CTRL PART NO.	
SLP0520	5	20	+/- 5 PSI	PS80-K2-F0305-020-005	33329	MPL-7001	3101-001	P100AC-1C	
SLP1025	10	25	+/- 5 PSI	PS80-K2-F0307-025-005	33330	MPL-7011	3100-050	P100AP201C	
SLP1032	10	32	+/- 5 PSI						
SLP1535	15	35	+/- 5 PSI	PS80-K2-F0312-035-005	33333	MPL-7002	3100-001	P100AC2	
SLP2550	25	50	+/- 5 PSI	PS80-K2-F0316-050-005	33362	MPL-7012	3100-003		
SLP2565	25	65	+/- 5 PSI	PS80-K2-F0323-065-005	33336		3101-002		
SLP2580		80	+/- 5 PSI				3101-003		
SLP3560	35	60	+/- 5 PSI			MPL-7004	3100-004		
SLP4080	40	80	+/- 5 PSI	PS80-K2-F0326-080-005	33364	MPL-7014	3101-005		
SLP5090	50	90	+/- 5 PSI	PS80-K2-F0328-090-005	33339		3100-052		
HIGH PRESSURE									
PART NO.	OPEN PSI	CLOSE PSI	TOLERANCE	KLIXON PART NO.	MARS PART NO.	RANCO PART NO.	ROERTSHAW PART NO.	JOHNSON CTRL PART NO.	
SHP200150	200	150	+/- 15 PSI	PS80-K1-0334-200-150	33353				
SHP250150	250	150	+/- 15 PSI	PS80-K1-0336-250-150	33354				
SHP275195	275	195	+/- 15 PSI	PS80-K1-0339-275-195	33310	MPH-7102	3100-112	P100CC9C	
SHP300200	300	200	+/- 15 PSI	PS80-K1-0341-300-200	33355	MPH-7103			
SHP350250	350	250	+/- 15 PSI	PS80-K1-0348-350-200	33356 33316	MPH-7105	3101-201 3100-150		
SHP375265	375	265	+/- 15 PSI	PS80-K1-0353-375-265	33319	MPH-7106	3100-111		
SHP400200	400	200	+/- 15 PSI	PS80-K1-0357-400-200	33357		3100-152		
SHP400280	400	280	+/- 15 PSI	PS80-K1-0358-400-280	33322				
SHP400300	400	300	+/- 15 PSI	PS80-K1-0359-400-300	33358	MPH-7101	3101-202 3100-151	P100CA-1C P100CP1C	
SHP425300	425	300	+/- 15 PSI	PS80-K1-0360-425-300	33325				
SHP425325	425	325	+/- 15 PSI			MPH7108	3100-100 3100-203	P100CA2C P100CP2C	
SHP450250	450	250	+/- 15 PSI	PS80-K1-0363-450-250	33359				
SHP610420	610	420	+/- 15 PSI						



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- Small size and light weight for direct mounting
- Excellent set point repeatability / stability
- Pressure Range: 0 to 650 PSI
- Burst Pressure: 5000 PSI
- Life @ Rated Load: 100,000 cycles
- Rated Voltage: 50 / 60 Hz, 24 / 120 / 240 Volts (6 RLA, 36 LRA)
- Temperatures: Ambient 20°F to 176°F (-30°C to 80°C). Fluid 60°F to 250°F (-50°C to 120°C).



- Applications
- Refrigeration systems
- Air conditioning systems
- Heat pump systems

FAN CYCLING OPEN ON FALL								
PART NO.	OPEN PSI	CLOSE PSI	TOLERANCE	KLIXON PART NO.	MARS PART NO.	RANCO PART NO.	ROERTSHAW PART NO.	JOHNSON CTRL PART NO.
SFC200365	200	365	+/- 15 PSI					
SFC150225	150	225	+/- 15 PSI			MPF-7008		P100AP3C
SFC170250	170	250	+/- 15 PSI					P100AP4C

## Manual Reset / High Pressure Switches



- Open Pressure on rise
- 1/4 female SAE connection
- Increased Reliability
- Maintenance free design
- Bistable disc
- Environmentally sealed sensors
- Safety feature / Latching mechanism
- Line mount with mechanical fittings
- Pressure Range: 200-500 PSI
- Burst Pressure: 3500 PSI
- Proof Pressure: 600 PSI (short term over pressure)
- Life @ Rated Load: 30,000 cycles
- Rated Voltage: 50/60 Hz, 24/120/240 Volts (6 RLA, 36 LRA)
- Temperatures: Ambient 20F to 176F (-30C to 80C) Fluid 60F to 250F (-50C to 120C)



MANUAL RESET								
PART NO.	OPEN PSI	TOLERANCE	KLIXON PART NO.	MARS PART NO.	RANCO PART NO.	ROERTSHAW PART NO.	JOHNSON CTRL PART NO.	
SMR375	375	+/- 15 PSI			MPH7109		P100DC3C	
SMR410	410	+/- 15 PSI			MPH7110	3100-101	P100DA-1C	
SMR610	610	+/- 15 PSI						