SEALED UNIT PARTS CO., INC.
PO Box 21, 2230 Landmark Place
Allenwood, NJ 08720 USA
800-333-9125 • www.supco.com

REFRIGERATION PRESSURE SWITCHES

High precision controls at economical prices. These switches are encapsulated nonadjustable, SPST, direct mount switches for use with HFC, HCFC and CFC refrigerants. The switches are available with automatic reset in both open low and open high configurations and manual reset with open high switching. These switches can also be used as operating controls in applications such as a low ambient condenser fan control.

Features

- Low pressure open on pressure drop SPST
- High pressure open on pressure rise SPST
- Manual pressure open on pressure rise SPST
- Fan cycle close on pressure rise SPST
- Snap action stainless steel hermetically sealed sensor (SHP, SLP & SFC)
- Excellent set point repeatability and stability

Applications

- Refrigeration systems
- Air conditioning systems
- Heat pump systems

UL File # E146162

Pressure Switch Ratings

Life Cycles @ RLA	100,000 Average
Maximum LRA	36 Amps
Maximum RLA	
Volts	**RLA**
12 to 28 VDC / VAC	10 Amps
48 VDC / VAC	5 Amps
110 to 120 VAC	5.8 Amps
208 to 240 VAC	2.9 Amps
Temperatures	
Ambient	20°F to 176°F (-30°C to 80°C)
Fluid	60°F to 250°F (-50°C to 120°C)
Pressure Ranges	
Working	0 to 650 PSI
Bursting	5,000 PSI
Connection:	1/4" SAE Female Flare With Valve Core Depressor
Wire Leads:	UL1015 18 AWG / 18" Length

Specifications

PART NO.	OPEN PSI (CUT-OUT)	CLOSE PSI (CUT-IN)	TOLERANCE +/- PSI	MARS®	JOHNSON CONTROLS®	RANCO®	ROBERTSHAW®	R410A APPLICATION
Low Pressure Open On Pressure Drop (UL Model H20PS)								
SLP0520	5	20	5	33329	P100AC1C	MPL7001	3101001	
SLP0530	5	30	5	43342	N/A	N/A	3100002/MG201132	
SLP1025	10	25	5	33330	P100AP201C	MPL7011	3100050	
SLP1032	10	32	5	33330	P100AP201C	MPL7011	3100050	X
SLP1535	15	35	5	43371	P100AC2	MPL7002	3100001/MG201026	X
SLP2045	20	45	5	43345	N/A	N/A	3100003/MG201133	
SLP2550	25	50	5	43372	N/A	MPL7012	MG212033	X
SLP2565	25	65	5	33336/43347	N/A	N/A	3101002	
SLP2580	25	80	5	33363/43348	N/A	MPL7003	3101003/3100051	
SLP3560	35	60	5	43349	N/A	MPL7004	3100004/MG201593	
SLP4560	45	60	5	43351	P100AP2C	MPL7005	N/A	
SLP4080	40	80	5	33364/43350	N/A	MPL7014	3101005/3100052	
SLP5090	50	90	5	33339/43374	N/A	N/A	N/A	X
SLP75100	75	100	5	33342/43353	N/A	N/A	N/A	X
SLP90120	90	120	5	43375	N/A	N/A	N/A	X
High Pressure Open On Pressure Rise (UL Model H20PS)								
SHP200150	200	150	15	33353	N/A	N/A	N/A	
SHP250150	250	150	15	33354/43322	N/A	N/A	N/A	
SHP250180	250	180	15		N/A	N/A	N/A	
SHP275195	275	195	15	33310/43324	P100CC9C	MPH7102	3100-112	
SHP300200	300	200	15	33355/43325	N/A	MPH7103	N/A	
SHP325225	325	225	15	43326	N/A	MPH7104	N/A	
SHP325230	325	230	15	33313	N/A	N/A	N/A	
SHP350250	350	250	15	33356/33316/43327		N/A	MPH71053101201/3100150	
SHP375265	375	265	15	33319/43328	N/A	MPH7106	3100111	
SHP400200	400	200	15	33357/43329	N/A	N/A	3100152	
SHP400280	400	280	15	33322/43330	N/A	N/A	N/A	
SHP400300	400	300	15	33358/33370	P100CA1C/P100CP1C	MPH7107	3101202/3100151/MG21-112	
SHP425300	425	300	15	33325/43332	N/A	N/A	N/A	
SHP425325	425	325	15	43333	P100CA2C/P100CP2C	MPH7108	3100100/3100203/MG211046	
SHP450250	450	250	15	33359/43334	N/A	N/A	N/A	
SHP550450	550	450	15	N/A	P100CE11D	N/A	N/A	X
SHP600475	600	475	15	33361/43335	N/A	N/A	N/A	
SHP610420	610	420	15	43366/43376	N/A	N/A	N/A	
SHP665565	665	565	15	N/A	P100CP85D	N/A	N/A	X
Manual High Pressure Open On Pressure Rise (UL Model H20PSM)								
SMR375	375	Manual	15	43312	P100DC3C	MPH7109	N/A	
SMR410	410	Manual	15	33365/43313	P100DA1C	MPH7110	3101301/3100103	
SMR440	440	Manual	15	33352/43315	N/A	N/A	3100104	
SMR575	575	Manual	15	43368	P100DA86D	N/A	N/A	X
SMR610	610	Manual	15	43369	N/A	N/A	N/A	X
SMR630	630	Manual	15	N/A	P100DA81C/D	N/A	N/A	X
Fan Cycle Close On Pressure Rise (UL Model H20PS)								
SFC75120	75	120	15	43301	N/A	MPF7006	N/A	
SFC110170	110	170	15	43302	N/A	MPF7007	N/A	
SFC125265	125	265	15	33340/43303	N/A	N/A	N/A	
SFC210275	210	275	15	33341	N/A	MPF7009	3101101/3100079	
SFC150225	150	225	15	43304	P100AP3C	MPF7008	N/A	
SFC170250	170	250	15	N/A	P100AP4C	N/A	N/A	
SFC200240	200	240	15	N/A	N/A	N/A	3100080	
SFC200365	200	365	15	N/A	N/A	N/A	N/A	X
SFC300400	300	400	15	43307	N/A	MPF7010	N/A	X