





## **EMERSON CLIMATE INDIA LAUNCHES FIXED TYPE (PS4) PRESSURE SWITCHES**

We are pleased to announce the launch of PS4 Series of Fixed Type Pressure Switches and same would be available from India. Our customers can now get the units faster and order in quantities better suited to their requirements. This will help them reduce SKU sizes and minimize inventory. It will also substantially reduce the time and effort as customers will get supplies from India Distribution Centre based in Chakan, Maharashtra

### **Features**

- High and low pressure switches
- Precise settings and repeatability
- Cable version with IP67 (IP20 for terminal version)
- Normally open/closed electrical contacts (under standard operating conditions)
- TUV approved versions
- Compatible with RoHS directive

### **Standards**

-  acc. Pressure Equipment Directive 97/23/EC
-  Underwriter Laboratories file nr. E258370
-   EN 60730-1, EN 60730-2-6, EN 60335-1



### **Technical Data**

<b>Type</b>	<b>Automatic</b>	<b>Manual</b>
<b>Electrical Data</b>		
Inductive Load 230 VAC	0.1 – 6A	0.1 – 6A
Inductive Load (DC<28V)	2A	2A
Motor Rating FLA 230 VAC	6A	6A
Motor Rating LRA 230 VAC	36A	36A
Electrical Connection	Cable or Terminal (QC)	Cable
Life Time	➤ 100,000 Cycles	
Protection Class IEC 529/ DIN 40050	Cable Version IP67, Terminal Version IP20	
Vibration Resistance (10...250 Hz)	4g	
Temperature Range	-50°C ..... 135°C	
Medium Ambient	-30°C ..... 80°C (UL version 65°C)	
Compatibility	HCFC, HFC, CO <sub>2</sub> , Mineral-, Synthetic-, POE Lubricants, Not Applicable For Flammable Refrigerants	

## Technical Support

For product literature or any clarification or assistance, please email [ClimateIndia@Emerson.com](mailto:ClimateIndia@Emerson.com)  
Or call on 1800 209 1700

### STANDARD PART LIST HP CUT-OUT

Part Code	CUT OUT BAR PSI	CUT IN BAR PSI	PORT FITTING		CONTACT SYSTEM	DESCRIPTION	Electrical Connection	*
			SOLDER 1/4"	7/16-20 UNF 1/4" FF WITH DP				
PS4-250A150-S-Q	18 ± 0.7	10 ± 0.7	X		SPST-NC	Auto HP cut out with 1/4" TIF	Quick Connect Terminal	R134a
	250 ± 10	150 ± 17						
PS4-250A150-S-L	18 ± 0.7	10 ± 0.7	X		SPST-NC	Auto HP cut out with 1/4" TIF	1200 mm Cable	
	250 ± 10	150 ± 17						
PS4-250A150-F-Q	18 ± 0.7	10 ± 0.7		X	SPST-NC	Auto HP cut out with 1/4" FF	Quick Connect Terminal	
	250 ± 10	150 ± 17						
PS4-250A150-F-L	18 ± 0.7	10 ± 0.7		X	SPST-NC	Auto HP cut out with 1/4" FF	1200 mm Cable	
	250 ± 10	150 ± 17						
PS4-375M260-S-L	26 ± 1	18 ± 1.5	X		SPST-NC	Manual HP cut out with 1/4" TIF	1200 mm Cable	R404a/ R507
	375 ± 14	260 ± 21						
PS4-375M260-F-L	26 ± 1	18 ± 1.5		X	SPST-NC	Manual HP cut out with 1/4" FF	1200 mm Cable	
	375 ± 14	260 ± 21						
PS4-375A280-S-Q	26 ± 1	19 ± 1.5	X		SPST-NC	Auto HP cut out with 1/4" TIF	Quick Connect Terminal	
	375 ± 14	280 ± 21						
PS4-375A280-S-L	26 ± 1	19 ± 1.5	X		SPST-NC	Auto HP cut out with 1/4" TIF	1200 mm Cable	
	375 ± 14	280 ± 21						
PS4-375A280-F-Q	26 ± 1	19 ± 1.5		X	SPST-NC	Auto HP cut out with 1/4" FF	Quick Connect Terminal	
	375 ± 14	280 ± 21						
PS4-375A280-F-L	26 ± 1	19 ± 1.5		X	SPST-NC	Auto HP cut out with 1/4" FF	1200 mm Cable	
	375 ± 14	280 ± 21						

\* Suggested Refrigerant Application, kindly check customer requirement carefully

## STANDARD PART LIST HP CUT-OUT

Part Code	CUT OUT BAR PSI	CUT IN BAR PSI	PORT FITTING		CONTACT SYSTEM	DESCRIPTION	Electrical Connection	*
			SOLDER 1/4"	7/16-20 UNF 1/4" FF WITH DP				
PS4-400A300-S-Q	28 ± 1	21 ± 1.5	X		SPST-NC	Auto HP cut out with 1/4" TIF	Quick Connect Terminal	R22/ R407C
	400 ± 14	300 ± 21						
PS4-400A300-S-L	28 ± 1	21 ± 1.5	X		SPST-NC	Auto HP cut out with 1/4" TIF	1200 mm Cable	
	400 ± 14	300 ± 21						
PS4-400A300-F-Q	28 ± 1	21 ± 1.5		X	SPST-NC	Auto HP cut out with 1/4" FF	Quick Connect Terminal	
	400 ± 14	300 ± 21						
PS4-400A300-F-L	28 ± 1	21 ± 1.5		X	SPST-NC	Auto HP cut out with 1/4" FF	1200 mm Cable	
	400 ± 14	300 ± 21						
PS4-425A300-S-Q	29.30 ± 0.96	21 ± 1.45	X		SPST-NC	Auto HP cut out with 1/4" TIF	Quick Connect Terminal	
	425 ± 14	300 ± 21						
PS4-425A300-S-L	29.30 ± 0.96	21 ± 1.45	X		SPST-NC	Auto HP cut out with 1/4" TIF	1200 mm Cable	
	425 ± 14	300 ± 21						
PS4-425A300-F-Q	29.30 ± 0.96	21 ± 1.45		X	SPST-NC	Auto HP cut out with 1/4" FF	Quick Connect Terminal	
	425 ± 14	300 ± 21						
PS4-425A300-F-L	29.30 ± 0.96	21 ± 1.45		X	SPST-NC	Auto HP cut out with 1/4" FF	1200 mm Cable	
	425 ± 14	300 ± 21						
PS4-425M300-S-L	29.30 ± 0.96	21 ± 1.45	X		SPST-NC	Manual HP cut out with 1/4" TIF	1200 mm Cable	
	425 ± 14	300 ± 21						
PS4-425M300-F-L	29.30 ± 0.96	21 ± 1.45		X	SPST-NC	Manual HP cut out with 1/4" FF	1200 mm Cable	
	425 ± 14	300 ± 21						
PS4-610A455-S-Q	42 ± 1.2	31 ± 2	X		SPST-NC	Auto HP cut out with 1/4" TIF	Quick Connect Terminal	R410A
	610 ± 17	455 ± 30						
PS4-610A455-S-L	42 ± 1.2	31 ± 2	X		SPST-NC	Auto HP cut out with 1/4" TIF	1200 mm Cable	
	610 ± 17	455 ± 30						
PS4-610A455-F-Q	42 ± 1.2	31 ± 2		X	SPST-NC	Auto HP cut out with 1/4" FF	Quick Connect Terminal	
	610 ± 17	455 ± 30						
PS4-610A455-F-L	42 ± 1.2	31 ± 2		X	SPST-NC	Auto HP cut out with 1/4" FF	1200 mm Cable	
	610 ± 17	455 ± 30						

\* Suggested Refrigerant Application, kindly check customer requirement carefully

## STANDARD PART LIST LP CUT-OUT

Part Code	CUT OUT BAR PSI	CUT IN BAR PSI	PORT FITTING		CONTACT SYSTEM	DESCRIPTION	Electrical Connection	*
			SOLDER 1/4"	7/16-20 UNF 1/4" FF WITH DP				
PS4-7A22-S-Q	0.5 ± 0.4	1.5 ± 0.3	X		SPST-NO	Auto LP cut out with 1/4" TIF	Quick Connect Terminal	R134a
	7 ± 6	22 ± 5						
PS4-7A22-S-L	0.5 ± 0.4	1.5 ± 0.3	X		SPST-NO	Auto LP cut out with 1/4" TIF	1200 mm Cable	
	7 ± 6	22 ± 5						
PS4-7A22-F-Q	0.5 ± 0.4	1.5 ± 0.3		X	SPST-NO	Auto LP cut out with 1/4" FF	Quick Connect Terminal	
	7 ± 6	22 ± 5						
PS4-7A22-F-L	0.5 ± 0.4	1.5 ± 0.3		X	SPST-NO	Auto LP cut out with 1/4" FF	1200 mm Cable	
	7 ± 6	22 ± 5						
PS4-10A25-S-Q	0.7 ± 0.5	1.7 ± 0.4	X		SPST-NO	Auto LP cut out with 1/4" TIF	Quick Connect Terminal	R404a/ R507
	10 ± 7	25 ± 6						
PS4-10A25-S-L	0.7 ± 0.5	1.7 ± 0.4	X		SPST-NO	Auto LP cut out with 1/4" TIF	1200 mm Cable	
	10 ± 7	25 ± 6						
PS4-10A25-F-Q	0.7 ± 0.5	1.7 ± 0.4		X	SPST-NO	Auto LP cut out with 1/4" FF	Quick Connect Terminal	
	10 ± 7	25 ± 6						
PS4-10A25-F-L	0.7 ± 0.5	1.7 ± 0.4		X	SPST-NO	Auto LP cut out with 1/4" FF	1200 mm Cable	
	10 ± 7	25 ± 6						
PS4-20A40-S-Q	1.4 ± 0.5	2.7 ± 0.4	X		SPST-NO	Auto LP cut out with 1/4" TIF	Quick Connect Terminal	R22/ R407c
	20 ± 7	40 ± 6						
PS4-20A40-S-L	1.4 ± 0.5	2.7 ± 0.4	X		SPST-NO	Auto LP cut out with 1/4" TIF	1200 mm Cable	
	20 ± 7	40 ± 6						
PS4-20A40-F-Q	1.4 ± 0.5	2.7 ± 0.4		X	SPST-NO	Auto LP cut out with 1/4" FF	Quick Connect Terminal	
	20 ± 7	40 ± 6						
PS4-20A40-F-L	1.4 ± 0.5	2.7 ± 0.4		X	SPST-NO	Auto LP cut out with 1/4" FF	1200 mm Cable	
	20 ± 7	40 ± 6						
PS4-40A70-S-Q	2.75 ± 0.5	4.8 ± 0.5	X		SPST-NO	Auto LP cut out with 1/4" TIF	Quick Connect Terminal	R410a
	40 ± 7	70 ± 7						
PS4-40A70-S-L	2.75 ± 0.5	4.8 ± 0.5	X		SPST-NO	Auto LP cut out with 1/4" TIF	1200 mm Cable	
	40 ± 7	70 ± 7						
PS4-40A70-F-Q	2.75 ± 0.5	4.8 ± 0.5		X	SPST-NO	Auto LP cut out with 1/4" TIF	Quick Connect Terminal	
	40 ± 7	70 ± 7						
PS4-40A70-F-L	2.75 ± 0.5	4.8 ± 0.5		X	SPST-NO	Auto LP cut out with 1/4" TIF	1200 mm Cable	
	40 ± 7	70 ± 7						

\* Suggested Refrigerant Application, kindly check customer requirement carefully