



### DESCRIPTION

A small open type construction switch suitable for use in the electrical appliance market. Its high current ratings allow direct control of heating elements and motor loads without the use of an additional relay. It is ideal for high volume requirements.

### FEATURES

- Very high current rating
- Compact size
- Open type construction

### APPLICATIONS

- Household appliances
- Motor switching
- Heating element switching

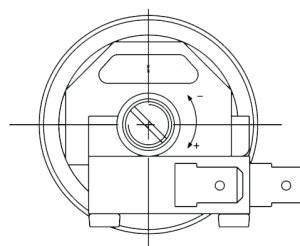
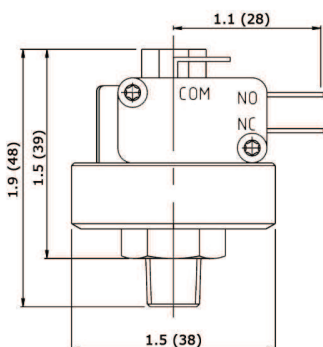
### Specifications

Electrical	16A, 125/250 VAC 21A, 125/250 VAC
Switch Type	Snap Action
Protection	Terminals - IP00
Temperature Range	-20°F to 257°F (-29°C to 125°C)
Diaphragm Material	Standard: Stainless Steel
Housing Material	Brass , Glass reinforced polyester
Maximum Overpressure	Model 1 - 43 PSI (3 BAR) Model 2 - 58 PSI (4 BAR) Model 3 - 72 PSI (5 BAR) Model 4 - 87 PSI (6 BAR) Model 5 - 116 PSI (8 BAR) Model 6 - 145 PSI (10 BAR)
Weight	0.16 lbs (0.07 kg)

### Pressure Range

Model	Adjustment Range	
	PSI	BAR
1	3 - 9	0.2 - 0.6
2	7 - 20	0.5 - 1.5
3	17 - 36	1.2 - 2.5
4	29 - 58	2.0 - 4.0
5	43 - 100	3.0 - 6.9
6	70 - 130	4.8 - 9.0

### Dimensions



SP  
1/4" Spades

### Wiring Code

CONTACT	SP
COMMON	COM
NORMALLY CLOSED	NC
NORMALLY OPEN	NO

## Ordering Information

### Field Adjustable

**SPAH** - <sup>1</sup>**2** - <sup>2</sup>**2M** - <sup>3</sup>**C1** - <sup>4</sup>**QC1** - <sup>5</sup>**T1**

### Factory Preset

**SPFH** - <sup>1</sup>**30F** - <sup>2</sup>**2M** - <sup>3</sup>**C1** - <sup>4</sup>**QC1** - <sup>5</sup>**T1**

### 1 - Pressure Selection:

Field Adjustable - Select Model Code

Insert set point value XXX followed by: R, F, BR, or BF

Model	Adjustment Range	
	PSI	BAR
<b>1</b>	3 - 9	0.2 - 0.6
<b>2</b>	7 - 20	0.5 - 1.5
<b>3</b>	17 - 36	1.2 - 2.5
<b>4</b>	29 - 58	2.0 - 4.0
<b>5</b>	43 - 100	3.0 - 6.9
<b>6</b>	70 - 130	4.8 - 9.0

OR

Set Point	Direction	Description
XXXX	<b>R</b>	PSI Rising Pressure
	<b>F</b>	PSI Falling Pressure
	<b>BR</b>	BAR Rising Pressure
	<b>BF</b>	BAR Falling Pressure

### 2 - Thread Options:

- 2M** - 1/8 NPT male
- 4M** - 1/4 NPT male
- 2G** - 1/8 BSPP male, G1/8
- 4G** - 1/4 BSPP male, G1/4

### 3 - Circuit:

- C1** - SPDT (Single Pole Double Throw) - 15A, 125/250 VAC
- C2** - SPDT (Single Pole Double Throw) - 21A, 125/250 VAC

### 4 - Electrical Termination:

- QC1** - Quick Connect 4.8 mm
- QC2** - Quick Connect 6.35 mm

### 5 - Temperature Selection:

- T1** - 85°C
- T2** - 125°C



Note: Please see page 51 for other available options