

Pressure Switch PS32 Series FOR REFRIGERATING SYSTEM, USER-ADJUSTABLE

PRODUCT DATA AND INSTALLATION INSTRUCTIONS

APPLICATION

The pressure switch controls the start and stop of compressors and fans in refrigeration systems, and can also be used in water pumps, fire, and POTS furnace, hydraulic, ironing and other devices play a safety protection role.

BENEFITS

Pressure and pressure difference can be adjusted, the top provides cover protection, improve the protection level.

- Design of Double Head Pressure Switch

TECHNICAL SPECIFICATIONS

Pressure media	R22,R134a,air,liquid
Process connection	1/4SAE male,G1/4 male, The threads can be customized
Switching capacity	FL8A/FR48A at 240VAC FL16A/FR96A at 120VAC
Electrical connections	Screw terminals
Cable interface	6-14mm diameter cable sealing interface
Protection class	IP20JP30(with bracket and cover),IP44(with bracket, cover, and cap)
Mounting lugs	Integrated in bottom housing
Medium temperature	-40...120°C[-40...248°F]
Ambient temperature	-20...65°C[-4...149°F]

CONTENTS OF DELIVERY

The deliver includes (in the case of individual packages)

The following part:

- 1 PS32 Pressure Switch
- 1 Data sheet with installation information



1 Set of mounting accessories:

- 1 cover cover for switch top protection
- 1 L-shaped mounting bracket and 4 short screw

APPROVALS



OPERATING RANGES

Model	Low-pressure side		
	Pressure range	Pressure difference range	Maximum working pressure
32	-0.2...7.5	0.7...4	17
45	2...12	1...5	17

High-pressure side		
Pressure range	Pressure difference range	Maximum working pressure
8...32	fixed 4	35
8...45	fixed 7	48

Unit: bar

1bar=100kPa=0.1MPa=14.5psi

DIMENSIONS IN mm[in]

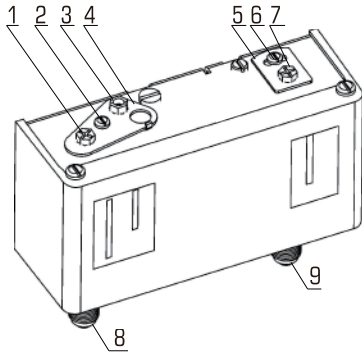
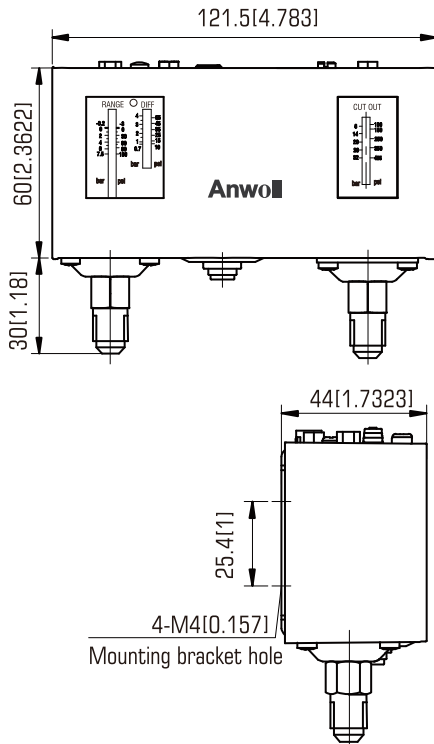


Fig.1. Dimensions of PS32 Series pressure switches

- 1 = Low-pressure adjustment 2 = Fixing plate locking screws
- 3 = Low-pressure differential adjustment 4,5 = Fixing plate
- 6 = Fixing plate locking screws 7 = High-pressure adjustment
- 8 = Low-pressure side 9 = High-pressure side

OPTIONS / ACCESSORIES

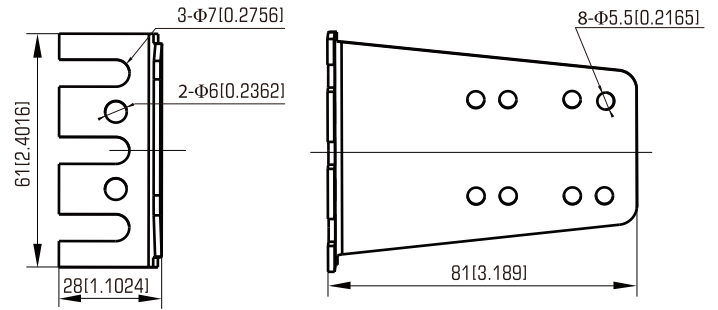


Figure 1
Bracket
Mounting screws

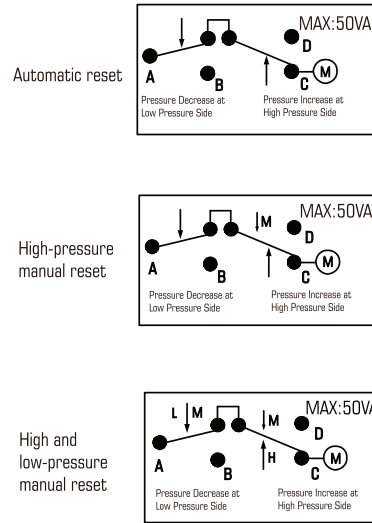


Figure 2
Arrangement of contacts



CAUTION

Switch off power before removing cover!

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