

Main Specifications

▼ Pressure connection

Material:
Chrome-plated copper alloy
7/16" UNF (1/4" SAE)

▼ Switch type

SPDTx1

▼ Pressure range

Low side ▼

5 to 20 bar

High side ▼

5 to 30 kg

(Please refer to catalog P1
pressure setting range)

▼ Wiring type

Screw clamp terminal blocks

▼ Applicable fluid

Liquid and gas that compatible
with copper alloy

▼ Ambient temperature

-20°C to +70°C

▼ Operation temperature

-10°C to +80°C

▼ Fluid temperature

-10°C to +80°C

▼ Temperature effect

Every 12°C

max. error ±0.5% F.S

▼ Protection level

IP44

Other Specifications

▼ Case

White ABS

▼ Socket

Chrome-plated copper

▼ Movement

Copper alloy

▼ Operating pressure

Max. 30bar

▼ Operating voltage

Max. 240V

▼ Operating current

Max. 15A

▼ Min. contact capacity

50mA

▼ Rack material

L-shape rack, galvanized iron

Compact Pressure Switch

Model: ATHLP(S)

Introduction

Pressure switch is mainly used to protect the refrigeration and air conditioning system, the pressure can be automatically adjusted by intake or release pressure, and it can also be used to control the refrigeration compressor and air compressor fan switch.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Electrical parameters

Item	Power	125V AC	250V AC	24V DC
Non-induced current	1	12	12	5
Overload current	0.75	12	12	2
Inrush current	0.45	72	72	10

Unit: ampere (A)

Features

- OEM service
- Economic pressure switch with comprehensive applications
- Renovated micro-switch structure ensures the reliable switch function
- Standard support rack (L-shape) suits various kinds of application

Setting Range Table

Pressure type	Code	Pressure range		Differential pressure		Pressure resistance
		Min	Max	Min	Max	
Low pressure	101	0	2 bar	0.5	0.7 bar	16.5 bar
Low pressure	102	0	3 bar	0.25	1.5 bar	16.5 bar
Low pressure	103	0	6 bar	1	4 bar	16.5 bar
Low pressure	104	0	10 bar	1	4 bar	16.5 bar
Low pressure	105	3	16 bar	2	5 bar	33 bar
Low pressure	106	5	20 bar	2	5 bar	33 bar
High pressure	201	5	30 kg	5	10 kg	33 bar

How to Order

ATHLP (S)		Compact Pressure Switch	
		Code	Set point range
		106	Please refer to the setting range table and select the corresponding code.
		Code	Other requests
		/A	Third party notarized documents
		/B	Inspection report
		/C	Tag
		/D	Thread adapter: 1/4" PT, 3/8" PT
		/E	Nut covers
		/F	Install a capillary
ATHLP (S)		106	Order example: ATHLP (S)-106+/D