

AIR COMPRESSOR PRESSURE SWITCH MODEL CPS23



1)CPS23 front view 2)CPS23 side view 3)CPS23 back view

CPS23 air compressor pressure switch, this product is used for adjusting the pressure which in the compressor tank to operate between two preset pressure values. The pressure switch with an unloading valve prevents the air compressor from overloading and the handle is supposed to manually power off the compressor. The four-way base connection makes the installation of additional parts more convenient.

Features

- Adjust pressure in the air compressor tank
- Choose to have a relief valve function to avoid compressor overload starting
- The four ports connector facilitates the installation of components such as safety valves
- The attached handle can cut off the compressor power manually

Technical parameter

General

Basic information

Pressure range	95...125-200psi
Process connection	Single port/Female thread, Four ports/Female thread, Single port/male thread,Double female and male thread NPT1/4,R1/4,G1/4(can be customized)
Tests/Admissions	CSA

Temperature Ambient:-20...+80°C[-4...+176°F]

Unloading valve connection Φ6.0 mm,Φ6.4 mm,Φ6.5 mm,
can be customized

IP grade IP20

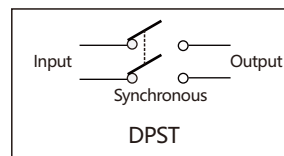
Electrical overview

Switching load	26A at 120VAC,50HZ 20A at 240VAC,60HZ
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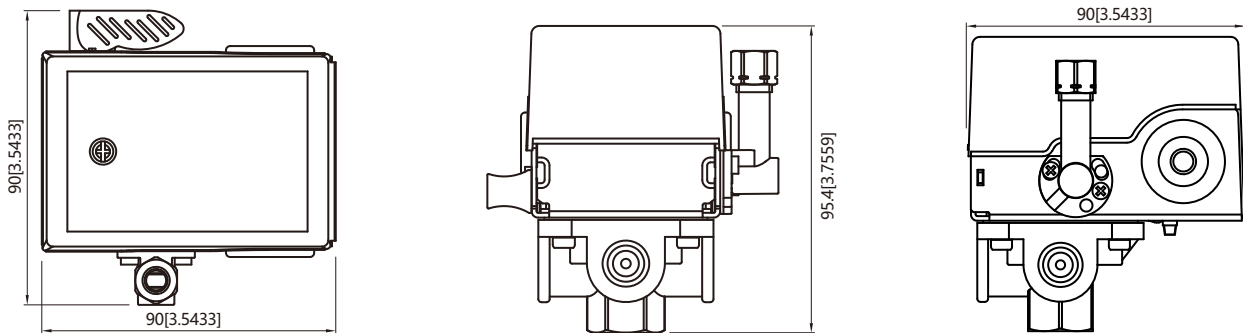
Operating conditions

Medium	Air,non-flammable,non-hazardous and non-corrosive gas
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Contact version



Dimensions in mm(in)



Ordering information

Example part number:CPS23-125ARK4INDW

Model CPS23 air compressor pressure switch,pressure range:95...125psi,differential pressure range:25...65psi,maximum working:200psi; unloading valve:Φ6.0mm;handle:red handle;connector:NPT1/4;interface type:four ports/female thread;form of unloading valve:none; direction of unloading valve: 270°(down); threaded connection: wire terminal cover.

C P S 2 3 - 1 2 5 A R K 4 I N D W

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Name	Certification
CPS23	-
ANW9715	CSA

Model	Pressure Range	Differential Pressure Range	MAX. Working Pressure
125	95...125psi	25...65psi	200psi
135	100...135psi		
150	120...150psi		
175	145...175psi		
200	150...200psi		

Unloading Valve
N None
A Φ6.0mm
B Φ6.4mm
C Φ6.5mm

Handle
N None
R Red handle
B Black handle

1bar=100kPa=0.1MPa=14.5psi

Process Connection
K NPT1/4
L R1/4
M G1/4

Interface Type
1I Single port/Female thread
4I Four ports/Female thread
1O Single port/Male thread
2IO Double female and male thread

Form Of Unloading Valve
N None
S Short
L Long

Direction Of Unloading Valve
R 45°(upper right)
U 90°(upwards)
L 180°(left)
D 270°(down)

Threaded Connection
M Metal threaded connection
W Wire terminal cover

Please make separate remarks for special requirements.