

Overview

The **PS050** Pressure Switch is designed to accurately control compressor pressure in refrigeration systems and is also suitable for air and water applications. Featuring a durable internal micro-switch structure, it delivers stable and reliable performance. Supplied with a standard mounting bracket for easy installation, the PS050 is an ideal solution for HVAC and industrial pressure control systems.

Features

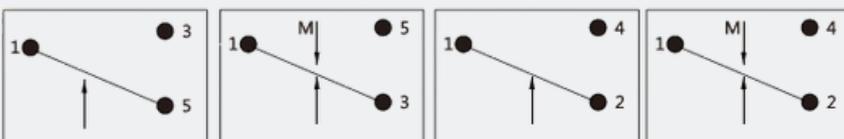
- Standard mounting bracket included.
- Durable metal construction.
- Adjustable pressure settings.
- Reliable internal micro-switch.
- Danfoss-equivalent model & quality.
- CE & RoHS certified.
- Supports AC 125V / 250V (custom ratings available).

Application

Pressure switches are typically used with fluorinated refrigerants to regulate compressor pressure in refrigeration systems. They are also suitable for controlling air and water pressure in HVAC applications.

Contact Function

Arrow means the direction of pressure increasing, M means hand reset

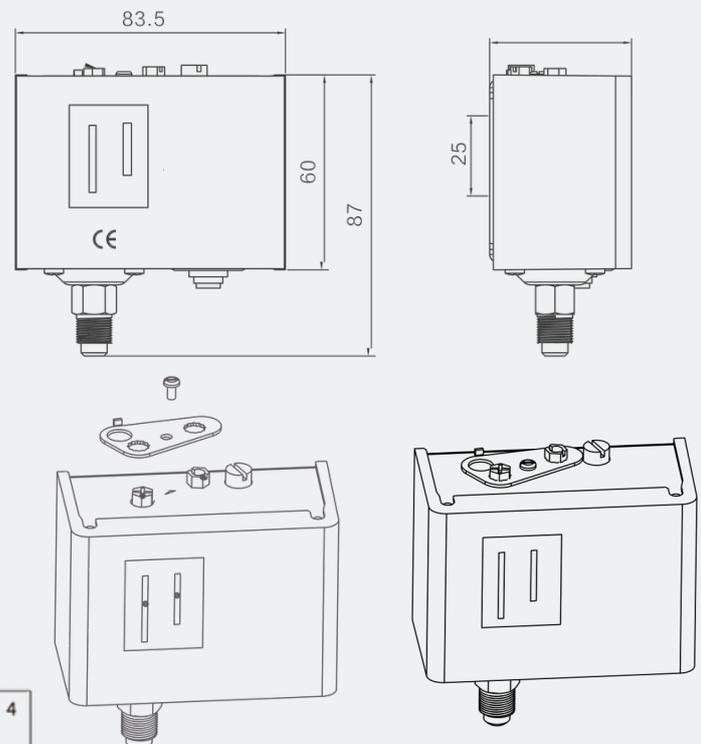


PS050

HVAC Pressure Switch



Dimensions



Dimension in : mm

Electrical Function

HVAC Pressure Switch

Rated Amps.(A)\Rated Voltage (V)	125VAC	250VAC	24VDC
Full Load	20A	10A	8A
Locked Roter	72A	72A	64A
Temperature	-20~110°C		

Specification

Model	Range(bar)		Differential(bar)		Factory Setting(bar)		Max Operating Pressure(bar)
	Min	Max	Min	Max	OFF	ON	
PS0502	-0.5	2	0.2	0.7	1	0.5	16.5
PS0503	-0.5	3	0.35	1.5	2	1	16.5
PS0506	-0.5	6	0.6	4	3	2	16.5
PS0506M	-0.5	6	Reset Differential≤1bar		3	Manual Reset	16.5
PS0508	-0.2	7.5	0.7	4	3	2	20
PS05010	1	10	1	3	6	5	16.5
PS05014	2	14	1	4	10	8	20
PS05016	3	16	1	4	10	8	35
PS05020	5	20	2	5	16	13	35
PS05030	8	30	Fixed 3 to 5bar		20	15~17	35
PS05030M	8	30	Reset Differential≤4bar		20	Manual Reset	35
PS05030D	5	30	3	10	20	15	35
PS05032	8	32	2	5	20	17	35
PS05042	8	42	4	10	30	25	46.5

Despite all attempts to guarantee accuracy in this specification, NeoWave cannot be held liable for any damage injury, loss, or expense due to errors or omissions. Product specification and design might change without prior notice in pursuit of technical enhancements.

For technical support please contact: support@neowave.tech