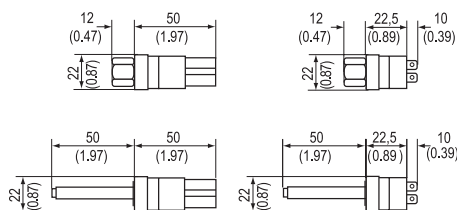


Pressure Controls

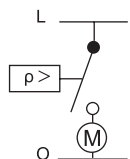
P100 Direct Mount Pressure Switches (1/3)



**P100
Pressure
Controls**



Dimensions in mm (inches)



**SPST-NO
LP protection + fan-cycle**

Wiring

Description

The P100 Series are encapsulated, non-adjustable, direct mount pressure controls typically used for low and high-pressure cut-outs for OEM applications.

The P100 series are produced according to switchpoint requirements of customers.

The small dimensions, weight and protection class makes the P100 series applicable for use without the need of additional mounting brackets.

The P100 Series can be used for all non-corrosive refrigerants like R134a; R22; R404, R410A and others.

Features

- Compact size and light weight
- Encapsulated, dust tight switch IP67
- Broad variety of electrical and pressure connections.

Application

- Computer room air conditioning
- Refrigeration/ Air conditioning condensers
- Commercial refrigeration
- Ice machines
- Food service equipment

Auto Reset Models - Selection Table

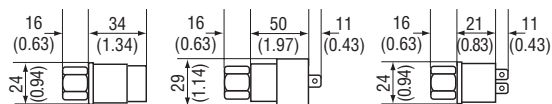
Application	Refrigerant	P (bar)		P open ± (bar) tolerance	P close ± (bar) tolerance	Connection		Electr. Termination	Switch	Ordering Codes	
		Open	Close			"1/4" SAE Fem Flare"	50 mm straight, 6 mm dia. x 7 mm reduced end, copper clad brazing tube (TIF5)				
Low Pressure Auto Reset	R134A	2,5	4	0,5	0,5	●		2 Mt.	SPST	P100AP-300D	
	R134A	2,5	4	0,5	0,5		●	2 Mt.	SPST	P100AP-301D	
	R407C	4	6	0,5	0,5	●		2 Mt.	SPST	P100AP-302D	
	R407C	4	6	0,5	0,5		●	2 Mt.	SPST	P100AP-303D	
	R404A	0,5	3	0,4	0,4	●		2 Mt.	SPST	P100AP-304D	
	R404A	0,5	3	0,4	0,4		●	2 Mt.	SPST	P100AP-305D	
	Normally Open	R404A	0,3	2,8	0,4	0,4	●		2 Mt.	SPST	P100AP-306D
		R404A	0,3	2,8	0,4	0,4		●	2 Mt.	SPST	P100AP-307D
			0,5	1,5	0,3	0,3	●		FASTON	SPST	P100AP-308D
			0,7	2,2	0,3	0,3	●		1,2 Mt.	SPST	P100AP-309D
		0,7	2,2	0,3	0,3	●		3 Mt.	SPST	P100AP-310D	
High Pressure Auto Reset	R134A	16	11	0,7	1,4	●		2 Mt.	SPST	P100CP-102D	
	R134A	16	11	0,7	1,4		●	2 Mt.	SPST	P100CP-103D	
	R407C	24	18	0,7	1,4	●		2 Mt.	SPST	P100CP-104D	
	R407C	24	18	0,7	1,4		●	2 Mt.	SPST	P100CP-105D	
	R404A	28	23	0,7	0,7	●		2 Mt.	SPST	P100CP-106D	
	R404A	28	23	0,7	0,7		●	2 Mt.	SPST	P100CP-107D	
	Normally Closed	R410A	38	28	0,7	0,7	●		2 Mt.	SPST	P100CP-108D
		R410A	38	28	0,7	0,7		●	2 Mt.	SPST	P100CP-109D
			27,6	20,7	0,7	0,7	●		FASTON	SPST	P100CP-110D
			26	20	0,7	0,7	●		2 Mt.	SPST	P100CP-111D
		26	20	0,7	0,7		●	2 Mt.	SPST	P100CP-112D	

Pressure Controls

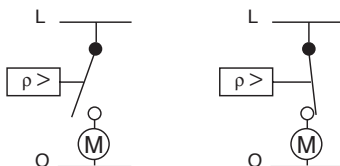
P100 Direct Mount Pressure Switches (2/3)



**P100
Pressure Controls**



Dimensions in mm (inches)



Wiring

Description

The P100 Series are encapsulated, non-adjustable, direct mount pressure controls typically used for low and high-pressure cut-outs for OEM applications.

The P100 series are produced according to switchpoint requirements of customers.

The small dimensions, weight and protection class makes the P100 series applicable for use without the need of additional mounting brackets.

The P100 Series can be used for all non-corrosive refrigerants like R134a; R22; R404, R410A and others.

Features

- Compact size and light weight
- Encapsulated, dust tight switch IP67
- Manual reset models have a trip-free design
- Models with gold-plated contacts available
- Broad variety of electrical and pressure connections

Application

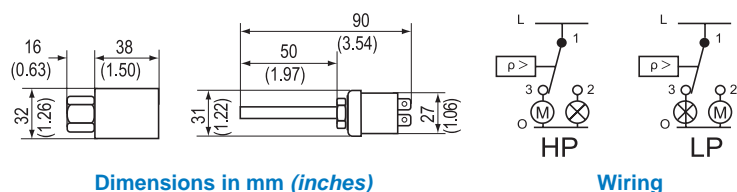
- Computer room air conditioning
- Refrigeration/Air conditioning condensers
- Commercial refrigeration
- Ice machines
- Food service equipment

Manual Reset Models - Selection Table

Application	Refrigerant	P(bar)		P open ± (bar) tolerance	P close ± (bar) tolerance	Connection		Electr. Termination	Switch	Ordering Codes
		Open	Close			"1/4" SAE Fem Flare"	50 mm straight, 6 mm dia. X 7 mm reduced end, copper clad brazing tube (TIF5)			
High Pressure Manual Reset	R134A	16		0,7	---	●		2 Mt.	SPST	P100DA-66D
	R134A	16		0,7	---		●	2 Mt.	SPST	P100DA-67D
	R407C	26		0,7	---	●		3 Mt.	SPST	P100DA-68D
	R407C	26		0,7	---		●	3 Mt.	SPST	P100DA-69D
	R404A	28		0,7	---	●		3 Mt.	SPST	P100DA-70D
	R404A	28		0,7	---		●	3 Mt.	SPST	P100DA-71D
	R410A	38		1,0	---	●		2 Mt.	SPST	P100DA-72D
	R410A	38		1,0	---		●	2 Mt.	SPST	P100DA-73D
	R407C	26		0,7	---	●		1,2 Mt.	SPST	P100DA-74D
	R410A	42		0,7	---	●		2 Mt.	SPST	P100DA-75D
	R410A	42		0,7	---		●	2 Mt.	SPST	P100DA-76D

Pressure Controls

P100 Direct Mount Pressure Switches (3/3)



Dimensions in mm (inches)

Wiring

P100 Heavy Duty Pressure Controls - Auto Reset - Selection Table

Application	Refrigerant	P (bar)		P open ± (bar) tolerance	P close ± (bar) tolerance	Connection		Electr. Termination	Switch	Ordering Codes
		Open	Close			"1/4" "SAE Fem Flare"	50 mm straight, 6 mm dia. X 7 mm reduced end, copper clad brazing tube (TIF5)			
High Pressure Auto Reset	R134A	16	11	0,7	0,7	●		2 Mt.	SPDT	P100EE-56D
	R134A	16	11	0,7	0,7		●	2 Mt.	SPDT	P100EE-57D
	R407C	24	18	0,7	0,7	●		2 Mt.	SPDT	P100EE-58D
	R407C	24	18	0,7	0,7		●	2 Mt.	SPDT	P100EE-59D
Normally closed	R404A	28	21	0,7	0,7	●		2 Mt.	SPDT	P100EE-60D
	R404A	28	21	0,7	0,7		●	2 Mt.	SPDT	P100EE-61D
	R410A	38	28	0,7	0,7		●	2 Mt.	SPDT	P100EE-63D
	R410A	38	28	0,7	0,7	●		2 Mt.	SPDT	P100EE-62D