

PS2 Dual Pressure Controls are designed for use on high and low pressure applications in refrigeration, air conditioning, and heat pump systems. This control react to changes in either low or high side pressures, providing single-device control of the compressor or other electrical device.

Features

- Adjustable pressures and differentials
- Narrow adjustable differential depending on model
- Range and differential pointer in units bar and psig
- Range and differential individually lockable by tab
- High rated SPDT contacts for all versions
- Captive terminal and cover screws
- Manual toggle for system checkout and override
- Factory installed wire bridge for reduced installation effort
- High side convertible from manual to auto reset.

Options

- Different pressure connections
- Automatic and manual reset versions
- Factory set to customer specification



Specifications

- SPDT switch rated for 12FLA and 72LRA at 240VAC and 16FLA and 96LRA at 120VAC
- Agency approvals include: UL/CUL file number E85974, CE per (LVD) low voltage directive

Nomenclature example: PS2-Y7A

PS2	Function		Pressure Range	Connection Type
Adjustable Dual Pressure Control	X = Auto reset	Internal range and differential adjustments	7 = Left side: 9" Hg to 102 psig (-0.3 to 7 bar) Right side: 87 to 464 psig (6 to 32 bar)	A = 1/4" SAE flare fitting K = 1 m (3 ft.) cap tube w/1/4" flare nut L = 1 m (3 ft.) cap tube w/ 1/4" ODM solder connection
	Y = Low side: Auto reset Y = High side: Convertible reset	External range and external differential		

Ordering Information

Dual Pressure Control	PCN	Low Pressure Side			High Pressure Side			Connection Type
		Pressure Range	Differential	Factory Setting	Pressure Range	Differential	Factory Setting	
PS2-Y7A	099008	9" Hg to 102 psig	15 to 73 psig	49/65 psig	87 to 464 psig	Fixed	290 psig	1/4" SAE flare fitting
PS2-Y7K	099009							1 m (3 ft.) cap tube w/ 1/4" flare nut

Dimensional Diagram mm (in)

