

PS2 Dual Pressure Controls are designed for use on high and low pressure applications in refrigeration, airconditioning, 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	Y	7	A
Product Name	Function	Pressure Ranges	Pressure Connector Type
PS2 = Adjustable Dual Pressure Control	X = <u>Both sides</u> : Pressure controls, Automatic reset, Internal range and differential adjustments. Y = <u>Low sides</u> : Pressure control, Automatic reset, External range and differential reset. External manual reset and differential adjustments. <u>High sides</u> : Convertible from external manual reset to automatic reset, external 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 = 7/16" -20 UNF male for 1/4" SAE flare fitting K* = 7/16" -20 UNF flare nut with 1 meter (3 ft.) cap tube L = 1/4" ODM solder with 1 meter (3 ft.) cap tube

### Ordering Information

Dual Pressure Control	PCN	Low Pressure Side			High Pressure Side			Pressure Connection
		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	7/16" -20 UNF (1*4" SAE)
PS2-Y7K	099009							Capillary tube/Flare Nut

### Dimensional Diagram mm (in)

