



PS2-Y7A

## PS2 SERIES PRESSURE SWITCH DUAL CONTROL

PS2 Dual Pressure Controls are designed for use on high and low pressure applications in refrigeration, air conditioning, and heat pump systems. This control reacts 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.
- Automatic and manual reset models available

### SPECIFICATIONS

Electrical Ratings ..... SPDT Switch Rated for 12 FLA and 72 LRA at 240 VAC  
 .....and 16 FLA and 96 LRA at 120 VAC  
 UL/CUL File Number ..... E85974  
 .....CE per (LVD) Low Voltage Directive

### MODEL NUMBER NOMENCLATURE - Example: PS2-Y7A

SERIES	FUNCTION		PRESSURE RANGE	CONNECTION TYPE
PS2	-Y		7	A
Dual Adjustable Pressure Switch	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 Male Flare K = 1 m (3 ft.) Cap Tube, 1/4" Flare Nut L = 1 m (3 ft.) Cap Tube, 1/4" ODM Solder Connection
	Y = Low Side: Auto Reset High Side: Convertible Reset	External range and differential adjustments		

### PS2 PRESSURE SWITCH DUAL CONTROL

FUNCTION	LOW PRESSURE SIDE			HIGH PRESSURE SIDE			CONNECTION TYPE	MODEL NUMBER	ITEM NUMBER
	PRESSURE RANGE	DIFFERENTIAL RANGE	FACTORY SETTING	PRESSURE RANGE	DIFFERENTIAL	FACTORY SETTING			
Auto Reset	4.4 to 102 psig, 0.3 to 7 bar	15 to 73 psig	49/65 psig	87 to 464 psig	Fixed	290 psig	1/4" SAE Male Flare	PS2-Y7A	099008
Manual Reset	4.4 to 102 psig, 0.3 to 7 bar	15 to 73 psig	49/65 psig	87 to 464 psig	Fixed	290 psig	1 m (3 ft.) Cap Tube w/1/4" Flare Nut	PS2-Y7K	099009