

PS2 Dual Pressure Controls are designed for use on high and low pressure applications in refrigeration and heat pump systems. By operating a set of electrical contacts, pressure is kept inside certain limits.

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 wire seal
- 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



Options

- Different pressure connections
- Automatic and manual reset versions
- Factory set to customer specification
- Different types of mounting brackets

Specifications

- SPDT switch rated for 120 VAC/240VAC at 24FLA and 144 LRA
- Agency approvals include: UL/CUL file number E85974, VDE 0631/0660, TÜV, CE 73/23/EWG, CE 93/68/EWG
- Low and high pressure versions available with TUV approval according to DIN 32733 to meet requirements of DIN 8901 and DIN 8975

Nomenclature example: PS2-Y7A

PS2	Y	7	A
Product Name	Function	Pressure Ranges	Pressure Connector Type
PS2 = Adjustable Dual Pressostat PSB = Customer special Version	<p>A = <u>Both sides</u>: Pressure controls, Automatic reset, Internal range and differential adjustments.</p> <p>L = <u>Left side</u>: Pressure control, Automatic reset, Internal range and differential adjustments. <u>Right side</u>: Pressure cut out, External manual reset, Internal range and differential adjustments.</p> <p>X = <u>Both sides</u>: Pressure controls, Automatic reset, External range and differential adjustments.</p> <p>Y = <u>Left side</u>: Pressure control, Automatic reset, External range and differential reset, External range and differential adjustments.</p> <p>LOW PRESSURE MANUAL RESET: Cut outs with manual reset function and in combination with the low pressure side of Pressure Ranges 7 & 9 have a low pressure manual reset function (15 psig differential).</p> <p>HIGH PRESSURE MANUAL RESET: Cut outs with manual reset function and in combination with the high pressure side of Pressure Ranges 7 & 9 have a high pressure manual reset function (60 psig differential).</p>	<p>7 = Left side: 15" Hg to 100 psig (-0.5 to 7 bar) Right side: 90 to 450 psig (6 to 31 bar)</p>	<p>A = 7/16" -20 UNF male for 1/4" SAE flare fitting</p> <p>K* = 7/16" -20 UNF flare nut with 1 meter (3 ft.) cap tube</p> <p>L = 1/4" ODM solder with 1 meter (3 ft.) cap tube</p> <p>* Controls with housing variants X/Y have extended copper ends, without Schrader valve depressor. All other housing variants have Schrader valve depressors and brass end fitting with copper gasket.</p>

Ordering Information

Dual Pressure Control	PCN	Adjustment Range				Factory Setting PSIG		Pressure Connection
		Upper Setpoint		Different Setpoint				
		Left psig	Right (psig)	Left psig	Right (psig)	Left psig	Right (psig)	
Continued Pressure Limiter/Pressure Cut Out for Low Pressure/High Pressure Protection								
PS2-Y7A	097954	15" Hg to 100	90 to 450	7 to 72	Convertible Auto/Manual Reset	50/65	290	7/16" -20 UNF
PS2-Y7K	097943							Capillary Nut