





Pressure Controls Series PS3 / Standard types

Compact Pressure Switch with fixed switch-point settings

Features

- Maximum allowable pressure up to 45 bar / test pressure up to 50 bar
- High and low pressure switches
- High temperature version with snubber for direct compressor mounting (range 6)
- Direct mounting reduces the number of joints and thus avoiding potential leakage
- Precise setting and repeatability
- IP 65 protection if used with PS3-Nxx cables with plug (acc. EN 175301-803), no additional gasket required (molded into plug)
- Cables with plug to be ordered separately

Standards

-  per Low Voltage Directive
-  per PED Directive 97/23 EG, TÜV appr. versions only
- Manufactured and tested to  standards on our own responsibility
-  Underwriter Laboratories (File No. E85974) (Released for 43 bar)



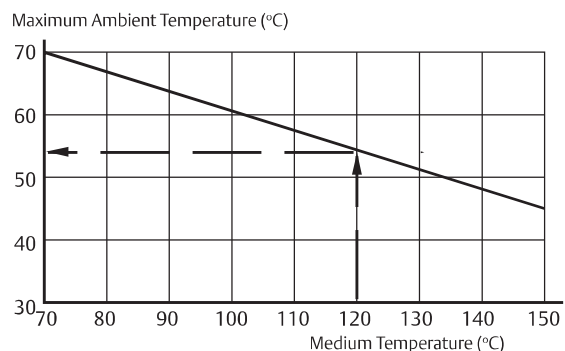
PS3

Technical Data

Protection according to EN 60529 / IEC 529	IP 00 IP 30 with terminal cover IP 65 with PS3-Nxx cables with plug or Plug DIN 43650
Inductive Amp. (AC)	3A / 230V AC
Inductive Amp. (DC)	0.1A / 230V DC
Motor rating. full load Amp.	6A / 120/240V AC
Motor rating. locked rotor Amp.	36A / 120/240V AC

Temperature range TS * ambient. storage and transportation medium	-40 °C .. 70 °C -40 °C .. 70 °C (150°C range 6)
Pressure Range PS	- 0.6 .. 43 bar
Vibration resistance (10..950 Hz)	4 g
Type of contacts	1 SPDT
Medium compatibility	HFC, HCFC

*Note: For high temperature applications, i. e., medium temperatures between 70 °C and 150 °C, the maximum ambient temperature must be derated as per drawing. E.g.: on medium temperature 120 °C the ambient temperature of 55 °C around the switch housing should not be exceeded.



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Pressure Control Type	Part No.	Fixed setting		Reset	Max. Temperature		Leakage Test Pressure bar	Pressure Connection
		Cut-out bar	Cut-in bar		Ambient °C	Pressure Connection °C		
High Pressure Controls								
PS3-A6S	0 715 603	16.0	11.0	auto	+70	+150	50	7/16"-20UNF female thread with Schrader opener
PS3-A6S	0 715 604	19.0	15.0					
PS3-A6S	0 715 600	26.5	22.5					
Low Pressure Controls / Pressure Limiter for low pressure protection PSL TÜV / EN 12263								
PS3-W1S	0 714 760	-0.3	1.2	auto	+70	+70	30	7/16"-20UNF female thread with Schrader opener
PS3-W1S	0 714 761	0.3	1.8					
PS3-W1S	0 714 762	2.0	3.5					
Pressure Limiter for high pressure protection PSH TÜV / EN 12263								
PS3-W6S	0 715 831	14.0	10.0	auto	+70	+150	50	7/16"-20UNF female thread with Schrader opener and snubber
PS3-W6S	0 715 556	21.0	16.0					
PS3-W6S	0 715 555	25.0	20.0					
PS3-W6S	0 715 567	29.0	23.0					
PS3-W6S	0 715 550	33.5	27.5					
PS3-W6S	0 715 553	40.0	33.0					
Pressure Cut-Out for high pressure protection PZH with snubber for direct compressor mounting TÜV / EN 12263								
PS3-B6S	0 715 568	19.2	approx. 5 bar below cut-out	external manual reset	+70	+150	50	7/16"-20UNF female thread with Schrader opener and snubber
PS3-B6S	0 715 564	22.7						
PS3-B6S	0 715 563	27.3						
PS3-B6S	0 715 569	29.5						
PS3-B6S	0 715 560	36.0						

Selection Chart Cable Assemblies

Temperature Range -50 to 80°C / no UL		Length (mtr.)	Leads
Type	Part No.		
PS3-N15	804 580	1.5	3 x 0.75 mm ²
PS3-N30	804 581	3.0	
PS3-N60	804 582	6.0	



Plug according to EN 175301	Part No.
PG9	801 012
PG11	801 013