Product data sheet
Characteristics

9013FHG12J52B7PU2
air compressor switch 9013FH - fixed differential - Off at 125 psi - low hp



Main

Range of product	Square D Pumptrol
Pressure sensor name	9013FH
Pressure sensor size	150 psi
Value of setting	Off at 125 psi
Electrical circuit type	Power circuit
Product specific application	Control small electrically driven air compressors
Quantity per set	1
Type of packing	Individual

Complementary

Pressure sensor type	Electromechanical pressure switch
Controlled fluid	Air (-22...257 °F)
Adjustable range on rising pressure	70...150 psi
Approximate fixed differential	30 psi
Destruction pressure	220 psi
Pressure actuator	Diaphragm
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Fixed differential
Setting	Internal
Local display	Without
Contacts type and composition	2 NC, snap action, DPST-DB, Form YY
Cable entry number	2 0.88 in cable entries with 0.84 in across flats UL 508
Electrical connection	Slip-on connectors (line and load terminals)
Fluid connection type	0.25 inch NPSF internal conforming to UL 508
Short-circuit protection	20 A by cartridge fuse, type gG
Materials in contact with fluid	Zinc plated steel or equivalent flange Nitrile (Buna-N) or equivalent rubber diaphragm
Material	Polypropylene cover Noryl thermoplastic resin or equivalent cover
Operating position	Any position
Motor power kW	1.5 kW (2 hp) at 230 V AC, 1 phase 1.1 kW (1.5 hp) at 115 V AC, 1 phase

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	1.5 kW (2 hp) at 115 V AC, 3 phases 2.2 kW (3 hp) at 230 V AC, 3 phases 0.75 kW (1 hp) at 460 V AC, 3 phases 0.75 kW (1 hp) at 575 V AC, 3 phases
Electrical durability	100000 cycles at 10 cyc/mn
Mechanical durability	300000 cycles
Terminal block type	4 terminals
Operating rate	10 cyc/mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Product weight	1.15 lb(US)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L1-T1 L2-T2
Width	2.78 in
Height	3.71 in
Depth	3.76 in
Factory modification	Pulsation plug Supplied with 1 grommet

Environment

Standards	CE UL 508
Ambient air temperature for operation	-33...257 °F
Ambient air temperature for storage	-33...257 °F
Protective treatment	None
NEMA degree of protection	NEMA 1 conforming to UL 50
IP degree of protection	IP20 conforming to IEC 60529
Product certifications	UL listed file E12158 CSA file LR25490

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual

Contractual warranty

Warranty period	18 months