

Product data sheet

Characteristics

9013FHG39J69

air compressor switch 9013FH - fixed differential - Off at 120 psi - high hp

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	Square D Pumptrol
Pressure sensor name	9013FH
Pressure sensor size	150 psi
Value of setting	Off at 120 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 adjustable 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	Screw-clamp terminals, clamping capacity: 5.261 mm ² Screw-clamp terminals, clamping capacity: 10 AWG
Fluid connection type	0.25 inch NPT external conforming to UL 508
Short circuit protection	20 A by cartridge fuse, type gG
Materials in contact with fluid	Nitrile (Buna-N) or equivalent rubber diaphragm Zinc plated steel or equivalent flange
Material	Noryl thermoplastic resin or equivalent cover Polypropylene cover
Operating position	Any position
Motor power kW	3.7 kW (5 hp) at 230 V AC, 3 phases 2.2 kW (3 hp) at 230 V AC, 1 phase 2.2 kW (3 hp) at 115 V AC, 3 phases 1.5 kW (2 hp) at 115 V AC, 1 phase
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 lb(US)
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L1-T1 L2-T2
Width	2.78 in
Height	3.92 in

Depth	3.76 in
Factory modification	-

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

Ordering and shipping details

Category	21533 - 9013 FHG (INDIVIDUAL-DISCOUNT CP7I)
Discount Schedule	CP7I
GTIN	00785901137801
Nbr. of units in pkg.	1
Package weight(Lbs)	1.00
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	MX

Contractual warranty

Period	18 months
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