Product data sheet
Characteristics

9013FSW2J24
Pumptrol, water pump switch 9013FS, adjustable diff., 40 60 PSI

Commercial status
End of Commercialisation : APR 20, 2022

⚠ End of Commercialisation

Main

Range of product	Pumptrol
Pressure sensor name	9013FS
Pressure sensor size	448.16 KPa (34.47…310.26 kPa)
Value of setting	40...60 psi
Electrical circuit type	Power circuit
Product specific application	Control electrically driven water pumps
Quantity per set	1
Type of packing	Individual

Complementary

Pressure sensor type	Electromechanical pressure switch
Controlled fluid	Fresh water (-0…70 °C)
Adjustable range on rising pressure	137.90…448.16 KPa
Approximate adjustable differential	103.42…206.84 KPa
Destruction pressure	1516.85 KPa
Pressure actuator	Diaphragm
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Setting	Internal
Local display	Without
Contacts type and composition	2 NC, snap action, DPST-DB, Form YY
Cable entry number	2 22.35 mm cable entries with 0.84 in across flats conforming to UL 508
Electrical connection	Screw-clamp terminals, clamping capacity: 10 AWG Screw-clamp terminals, clamping capacity: 5.261 mm²
Fluid connection type	0.25 inch NPSF internal conforming to UL 508
Short-circuit protection	20 A 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	Vertical 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 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, operating rate <10 cyc/mn

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Mechanical durability	300000 Cycles
Terminal block type	4 terminals
Maximum operating rate	10 Cyc/Mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Net weight	0.45 Kg
Repeat accuracy	+/- 3 %
Terminals description ISO n°1	L1-T1 L2-T2
Width	70.61 Mm
Height	71.12 Mm
Depth	95.50 Mm
Factory modification	-

Environment

Standards	NSF ANSI 61 Annex G UL 508 CE
Ambient air temperature for operation	-30…70 °C
Ambient air temperature for storage	-30…70 °C
Protective treatment	None
NEMA degree of protection	NEMA 3R conforming to UL 50
IP degree of protection	IP20 conforming to IEC 60529
Product certifications	CSA[RETURN]UL listed

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25.806 Cm
Package 1 Width	10.16 Cm
Package 1 Length	65.548 Cm
Package 1 Weight	453.592 G

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and- Di-isodecyl phthalate (DIDP), which is known to the State of California to- cause birth defects or other reproductive harm. For more information go- to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months

Product Life Status : End of commercialisation