

9038DG8N5

Mechanical alternator, Square D Pumptrol,
closed tank, NEMA 1, flange top mounted, 4NC
DPST DB contacts



Main

Range of Product	Pumptrol
Product or Component Type	Mechanical alternator
Device Application	Top mounted closed tank
Device short name	9038D
Product Specific Application	Liquid level control
Electrical circuit type	Power circuit with control duty alarm
Quantity per Set	Set of 1
Type of Packing	Individual

Complementary

Product destination	For open tank or sump
Device mounting	Flange
Cable entry number	8 knock-outs for 1/2" or 3/4" conduit UL 508
Contacts type and composition	4 NC, snap action, DPST-DB, Form YY
Controlled fluid	Fresh water specific gravity of 0.85 in or higher 0...220 °F (-18...104 °C) Sea water specific gravity of 0.85 in or higher 0...220 °F (-18...104 °C) Hydraulic oil specific gravity of 0.85 in or higher 0...220 °F (-18...104 °C) Corrosive fluid specific gravity of 0.85 in or higher 0...220 °F (-18...104 °C)
Motor power kW	1.5 KW 2 hp)115 V AC, 1 phase 2.2 KW 3 hp)115 V AC, 3 phase 2.2 KW 3 hp)230 V AC, 1 phase 3.7 KW 5 hp)230 V AC, 3 phase 0.75 KW 1 hp)460 V AC, 3 phase 0.75 KW 1 hp)475 V AC, 3 phase 0.18 KW 0.25 hp)32 V DC 0.37 KW 0.5 hp)115 V DC 0.37 KW 0.5 hp)230 V DC
Electrical connection	Screw-clamp terminals 10 AWG
Contact operation	Contacts close on liquid rise
Float movement	Variable fixed
Float position	Any
Float rod angle	Horizontal
Short-circuit protection	20 A cartridge fuse gG
Local signalling	Without
Materials in contact with fluid	Stainless steel 316 Stainless steel 304 Nitrile (Buna-N) or equivalent rubber Yellow brass
Enclosure Material	Painted cold-rolled steel
Operating position	Vertical position only
Electrical durability	100 cycles 60 cyc/mn
Mechanical durability	300 cycles
Terminal block type	8 terminals
Maximum operating rate	60 cyc/mn
[Ui] rated insulation voltage	575 V UL 508
Terminals description ISO n°1	Line-load-load-line
Depth	4.47 in (113.54 mm)
Width	6.84 in (173.74 mm)

Factory modification	Addition of a third, high-water alarm circuit (SPST-NO-DB)
Kit composition	Float switch Rod and float are to be chosen in accessories
Length	2.63 in (66.80 mm)

Environment

Standards	UL 508 CE
Ambient Air Temperature for Operation	-22...200 °F (-30...93 °C)
Ambient Air Temperature for Storage	-22...200 °F (-30...93 °C)
NEMA degree of protection	NEMA 1 UL 50
Product Certifications	UL Listed CSA

Ordering and shipping details

Category	21601-9037,9038 COMMERCIAL FLOAT SWITCHES
Discount Schedule	CP7G
GTIN	785901154440
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.76 in (29.871 cm)
Package 1 Width	4.63 in (11.76 cm)
Package 1 Length	29.87 in (75.872 cm)
Package 1 Weight	7.60 lb(US) (3.447 kg)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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