

9038DG8N5

Mechanical alternator, Pumptrol, mech closed tank, NEMA 1, flange top mounted, 4 NC 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 conforming to UL 508
Contacts type and composition	4 NC, snap action, DPST-DB, Form YY
Controlled fluid	Fresh water at specific gravity of 0.85 in or higher -18...104 °C Sea water at specific gravity of 0.85 in or higher -18...104 °C Hydraulic oil at specific gravity of 0.85 in or higher -18...104 °C Corrosive fluid at specific gravity of 0.85 in or higher -18...104 °C
Motor power kW	1.5 KW (2 hp) at 115 V AC, 1 phase 2.2 KW (3 hp) at 115 V AC, 3 phases 2.2 KW (3 hp) at 230 V AC, 1 phase 3.7 KW (5 hp) at 230 V AC, 3 phases 0.75 KW (1 hp) at 460 V AC, 3 phases 0.75 KW (1 hp) at 475 V AC, 3 phases 0.18 KW (0.25 hp) at 32 V DC 0.37 KW (0.5 hp) at 115 V DC 0.37 kW (0.5 hp) at 230 V DC
Electrical connection	Screw-clamp terminals, clamping capacity: 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, type 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, operating rate <60 cyc/mn
Mechanical durability	300 cycles
Terminal block type	8 terminals
Maximum operating rate	60 cyc/mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Terminals description ISO n°1	Line-load-load-line
Depth	113.54 mm
Width	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	66.80 mm

Environment

Standards	UL 508 CE
Ambient air temperature for operation	-30...93 °C
Ambient air temperature for storage	-30...93 °C
NEMA degree of protection	NEMA 1 conforming to UL 50
Product certifications	UL listed[RETURN]CSA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29.871 cm
Package 1 Width	11.76 cm
Package 1 Length	75.872 cm
Package 1 Weight	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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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