

Product data sheet

Specifications



Mechanical alternator, Square D Pumptrol, mech open tank, NEMA 1, pedestal mounted, 4 NC DPST DB contacts

9038AG1

Main

Range of product	Square D Pumptrol
Product or component type	Mechanical alternator
Device application	Open tank
Device short name	9038A
Product specific application	Mechanically alternating the operation of two pumps or motors
Electrical circuit type	Power circuit
Quantity per set	Set of 1
Type of packing	Individual

Complementary

Product destination	For open tank
Device mounting	Pedestal
Cable entry number	4 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 Sea water specific gravity of 0.85 in or higher Hydraulic oil specific gravity of 0.85 in or higher Corrosive fluid specific gravity of 0.85 in or higher
Motor power kW	1.5 kW 2 hp)115 V AC, 1 phase 2.2 kW 3 hp)115 V AC, 3 phases 2.2 kW 3 hp)230 V AC, 1 phase 3.7 kW 5 hp)230 V AC, 3 phases 0.75 kW 1 hp)460 V AC, 3 phases 0.75 kW 1 hp)475 V AC, 3 phases 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 adjustable
Float position	Any
Float rod angle	Vertical
Force down to trip	20 ozf at minimum adjustment 17 ozf at maximum adjustment
Force up to trip	18 ozf at minimum adjustment 16 ozf at maximum adjustment

Short-circuit protection	20 A cartridge fuse gG
Local signalling	Without
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
Factory modification	Without
Kit composition	Rod and float are to be chosen in accessories Float switch

Environment

Standards	CE UL 508
Ambient air temperature for operation	-22...220 °F (-30...104 °C)
Ambient air temperature for storage	-22...220 °F (-30...104 °C)
NEMA degree of protection	NEMA 1 UL 50
Product certifications	UL listed file E12158 CSA file LR25490

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.20 in (13.2 cm)
Package 1 Width	5.71 in (14.5 cm)
Package 1 Length	10.00 in (25.4 cm)
Package 1 Weight	4.52 lb(US) (2.05 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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Recommended replacement(s)