

Product data sheet

Specifications



Float switch, Square D Pumptrol, open tank, NEMA 4, pedestal mounted, 2 NC DPST DB contacts

9036DW31

Main

Range of product	Square D Pumptrol
Product or component type	Float switch
Device application	Open tank general purpose
Device short name	9036D
Product specific application	Liquid level control
Electrical circuit type	Power circuit
Quantity per set	Set of 1
Type of packing	Individual

Complementary

Product destination	For open tank or sump
Device mounting	Pedestal
Cable entry number	2 conduit entries for 3/4"-14 NPT conforming to UL 508
Contacts type and composition	2 NC, snap action, DPST-DB, Form YY
Controlled fluid	Fresh water at specific gravity of 0.85 in or higher Sea water at specific gravity of 0.85 in or higher Hydraulic oil at specific gravity of 0.85 in or higher Corrosive fluid at specific gravity of 0.85 in or higher
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 adjustable
Float position	Any
Float rod angle	Vertical
Force down to trip	8 ozf
Force up to trip	8 ozf
Short-circuit protection	20 A cartridge fuse, type gG

Local signalling	Without
Enclosure material	Cast aluminium
Operating position	Vertical position only
Electrical durability	100 cycles, operating rate <60 cyc/mn
Mechanical durability	300 cycles
Terminal block type	4 terminals
Maximum operating rate	60 cyc/mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Net weight	1.89 kg
Terminals description ISO n°1	Line-load-load-line
Factory modification	Without
Kit composition	Float switch Rod and float are to be chosen in accessories

Environment

Standards	UL 508 CE
Ambient air temperature for operation	-30...104 °C
Ambient air temperature for storage	-30...104 °C
NEMA degree of protection	NEMA 4 conforming to UL 50
Product certifications	CSA file LR25490 UL listed file E12158

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.5 cm
Package 1 Width	19.1 cm
Package 1 Length	28.4 cm
Package 1 Weight	1.78 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
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
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Recommended replacement(s)