Product data sheet
Characteristics

9036DW31
float switch, open tank, NEMA 4, pedestal mounted, 2 NC, DPST DB contacts, 1 HP



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 UL 508
Contacts type and composition	2 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 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 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 gG
Local signalling	Without
Enclosure Material	Cast Aluminium
Operating position	Vertical position only
Electrical durability	100 cycles 60 cyc/mn
Mechanical durability	300 cycles
Terminal block type	4 terminals
Maximum operating rate	60 cyc/mn
[Ui] rated insulation voltage	575 V UL 508
Net Weight	4.17 lb(US) (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 choosen in accessories

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Standards	UL 508 CE
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 4 UL 50
Product Certifications	CSA file LR25490 UL listed file E12158

Ordering and shipping details

Category	21591-9036 COMMERCIAL FLOAT SWITCHES
Discount Schedule	CP7G
GTIN	785901064350
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.50 in (16.5 cm)
Package 1 Width	7.52 in (19.1 cm)
Package 1 Length	11.18 in (28.4 cm)
Package 1 Weight	3.92 lb(US) (1.78 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
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