

# 9038AR1N5

Mechanical alternator, Pumptrol, mech open tank, NEMA 7/9, pedestal mounted, 4 NC DPST DB



## Main

|                              |   |
|------------------------------|---|
| Range of product             | 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 with control duty alarm                         |
| Quantity per set             | Set of 1  |
| Type of packing              | Individual  |

## Complementary

|                               |  |
|-------------------------------|--|
| Product destination           | For open tank  |
| Device mounting               | Pedestal   |
| Cable entry number            | 2 conduit entries for 3/4"-14 NPT 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<br>Sea water at specific gravity of 0.85 in or higher<br>Hydraulic oil at specific gravity of 0.85 in or higher<br>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<br>2.2 KW (3 hp) at 115 V AC, 3 phases<br>2.2 KW (3 hp) at 230 V AC, 1 phase<br>3.7 KW (5 hp) at 230 V AC, 3 phases<br>0.75 KW (1 hp) at 460 V AC, 3 phases<br>0.75 KW (1 hp) at 475 V AC, 3 phases<br>0.18 KW (0.25 hp) at 32 V DC<br>0.37 KW (0.5 hp) at 115 V DC<br>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   |
| 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           | 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  |
| Factory modification          | Addition of a third, high-water alarm circuit (SPST-NO-DB)   |
| Kit composition               | Rod and float are to be chosen in accessories<br>Float switch  |

## Environment

|                                       |                               |
|---------------------------------------|-------------------------------|
| Standards                             | CE<br>UL 508                  |
| Ambient air temperature for operation | -30...93 °C                   |
| Ambient air temperature for storage   | -30...93 °C                   |
| NEMA degree of protection             | NEMA 7/9 conforming to UL 698 |
| Product certifications                | UL listed HazLoc[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             | 10.115 kg |

## Offer Sustainability

|  |   |
|--|---|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|