

# 9038CG33N4R

Mechanical alternator, Pumptrol, mech closed tank, NEMA 1, screw in bushing, 4 NO DPST DB contacts



## Main

|                              |                                                               |
|------------------------------|---------------------------------------------------------------|
| Range of product             | Pumptrol                                                      |
| Product or component type    | Mechanical alternator                                         |
| Device application           | Closed tank with bushing                                      |
| Device short name            | 9038C                                                         |
| 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 closed tank                                                                                                                                                                                                                                                                                                                        |
| Device mounting                 | Screw-in bushing                                                                                                                                                                                                                                                                                                                       |
| Cable entry number              | 8 knock-outs for 1/2" or 3/4" conduit conforming to UL 508                                                                                                                                                                                                                                                                             |
| Contacts type and composition   | 4 NO, snap action, DPST-DB, Form XX                                                                                                                                                                                                                                                                                                    |
| Controlled fluid                | Fresh water at specific gravity of 0.85 in or higher -18...104 °C<br>Sea water at specific gravity of 0.85 in or higher -18...104 °C<br>Hydraulic oil at specific gravity of 0.85 in or higher -18...104 °C<br>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<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 open on liquid rise                                                                                                                                                                                                                                                                                                           |
| Float movement                  | 4...7.75 in adjustable                                                                                                                                                                                                                                                                                                                 |
| Float position                  | Right                                                                                                                                                                                                                                                                                                                                  |
| Float rod angle                 | 90° (offset)                                                                                                                                                                                                                                                                                                                           |
| Short-circuit protection        | 20 A cartridge fuse, type gG                                                                                                                                                                                                                                                                                                           |
| Local signalling                | With external pointer                                                                                                                                                                                                                                                                                                                  |
| Materials in contact with fluid | Stainless steel 316<br>Stainless steel 304<br>Cast iron<br>Nitrile (Buna-N) or equivalent rubber<br>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                                                                                                                                                                                                                                                                                                             |
| Net weight                      | 2.81 kg                                                                                                                                                                                                                                                                                                                                |
| Terminals description ISO n°1   | Line-load-load-line                                                                                                                                                                                                                                                                                                                    |

|                      |                                |
|----------------------|--------------------------------|
| Factory modification | Two-level non-alternating unit |
| Kit composition      | Rod<br>Float<br>Float switch   |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Standards                             | UL 508<br>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             | 2.812 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 <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 |
|----------|-----------|