Product datasheet

Characteristics

9013GSG2J25
pump or compressor switch 9013GS - adjustable diff. - 60-80 psi

Main
- Range of product: Square D Pump traveller
- Pressure sensor name: 9013GS
- Pressure sensor size: 80 psi (5...60 psi)
- Value of setting: 60...80 psi
- Electrical circuit type: Power circuit
- Product specific application: Control electrically driven water pumps and air compressors
- Quantity per set: 1
- Type of packing: Individual

Complementary
- Pressure sensor type: Electromechanical pressure switch
- Controlled fluid: Air (-22...257 °F), Fresh water (-22...257 °F)
- Adjustable range on rising pressure: 20...80 psi
- Approximate adjustable differential: 15...30 psi
- Destruction pressure: 300 psi
- Pressure actuator: Diaphragm
- Pressure switch type of operation: Regulation between 2 thresholds
- Scale type: Adjustable differential
- Setting: Internal
- Local display: Without
- Contacts type and composition: 2 NC, snap action, DPST-DB, Form YY
- Cable entry number: 3 knock-outs for 1/2" conduit UL 508
- Electrical connection: Screw-clamp terminals, clamping capacity: 10 AWG
- Fluid connection type: 0.25 inch NPSF internal conforming to UL 508
- Short circuit protection: 20 A by cartridge fuse, type gG
- Materials in contact with fluid: Zinc plated steel or equivalent flange
- Nitrile (Buna-N) or equivalent rubber diaphragm
- Material: Polypropylene cover
- Noryl thermoplastic resin or equivalent cover
- Operating position: Any position
- 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
- 0.75 kW (1 hp) at 115 V DC
- 0.75 kW (1 hp) at 230 V DC
- 3.75 kW (5 hp) at 230 V AC, 3 phases
- 3.7 kW (5 hp) at 460 V AC, 1 phase
- 3.7 kW (5 hp) at 460 V AC, 3 phases
- 3.7 kW (5 hp) at 575 V AC, 1 phase
- 3.7 kW (5 hp) at 575 V AC, 3 phases

Electrical durability: 100000 cycles at 10 cyc/mn
Mechanical durability: 300000 cycles
Terminal block type: 4 terminals
Operating rate: 10 cyc/mn
[U] rated insulation voltage: 575 V conforming to UL 508
Product weight: 2.25 lb(US)
Repeat accuracy: +/- 3%
| Terminals description ISO n°1 | L1-T1  
|-------------------------------|-------
|                               | L2-T2 |
| CAD overall width             | 3.44 in |
| CAD overall height            | 5.4 in  |
| CAD overall depth             | 3.88 in |
| Factory modification          | -     |

### Environment

| Standards                              | CE  
|----------------------------------------|-----
|                                        | UL 508 |
|                                        | NSF ANSI 372 |
| Ambient air temperature for operation | -33...257 °F |
| Ambient air temperature for storage   | -33...257 °F |
| Protective treatment                  | None |
| NEMA degree of protection             | NEMA 1 conforming to UL 50 |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Product certifications               | UL listed file E12158  
|                                        | CSA file LR25490 |

### Offer Sustainability

<table>
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<tr>
<th>Sustainable offer status</th>
<th>Green Premium product</th>
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<tr>
<td>RoHS</td>
<td>Compliant - since 1150 - Schneider Electric declaration of conformity</td>
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<tr>
<td>REACh</td>
<td>Reference not containing SVHC above the threshold</td>
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<tr>
<td>Product environmental profile</td>
<td>Available</td>
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<td>Product end of life instructions</td>
<td>Available</td>
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