



### Main

|                              |   |
|------------------------------|---|
| Range of product             | Square D Pumptrol                                 |
| Pressure sensor name         | 9013FH  |
| Pressure sensor size         | 150 psi   |
| Value of setting             | Off at 115 psi                                    |
| Electrical circuit type      | Power circuit                                     |
| Product specific application | Control small electrically driven air compressors |
| Quantity per set             | 1   |
| Type of packing              | Individual  |

### Complementary

|                                     |   |
|-------------------------------------|---|
| Pressure sensor type                | Electromechanical pressure switch   |
| Controlled fluid                    | Air (-22...257 °F)  |
| Adjustable range on rising pressure | 70...150 psi  |
| Approximate fixed differential      | 30 psi  |
| Destruction pressure                | 220 psi   |
| Pressure actuator                   | Diaphragm   |
| Pressure switch type of operation   | Regulation between 2 thresholds   |
| Scale type                          | Fixed differential  |
| Setting                             | Internal  |
| Local display                       | Without   |
| Contacts type and composition       | 2 NC, snap action, DPST-DB, Form YY   |
| Cable entry number                  | 2 0.88 in cable entries with 0.84 in across flats UL 508  |
| Electrical connection               | Screw-clamp terminals, clamping capacity: 10 AWG<br>Screw-clamp terminals, clamping capacity: 5.261 mm <sup>2</sup> |
| Fluid connection type               | 0.25 inch NPT external 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<br>Nitrile (Buna-N) or equivalent rubber diaphragm                           |
| Material                            | Polypropylene cover<br>Noryl thermoplastic resin or equivalent cover  |
| Operating position                  | Any position  |
| Motor power kW                      | 1.5 kW (2 hp) at 230 V AC, 1 phase  |

Disclaimer: 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

1.1 kW (1.5 hp) at 115 V AC, 1 phase  
 1.5 kW (2 hp) at 115 V AC, 3 phases  
 2.2 kW (3 hp) at 230 V AC, 3 phases  
 0.75 kW (1 hp) at 460 V AC, 3 phases  
 0.75 kW (1 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                  |
| [Ui] rated insulation voltage | 575 V conforming to UL 508 |
| Product weight                | 1 lb(US)                   |
| Repeat accuracy               | +/- 3 %                    |
| Terminals description ISO n°1 | L1-T1<br>L2-T2             |
| Width                         | 2.78 in                    |
| Height                        | 3.92 in                    |
| Depth                         | 3.76 in                    |
| Factory modification          | -                          |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | CE<br>UL 508                              |
| 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<br>CSA file LR25490 |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| RoHS (date code: YYWW)           | Will not be compliant<br><a href="#">Will not be compliant</a>   |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a> |
| Product environmental profile    | Available<br><a href="#">Product Environmental Profile</a>   |
| Product end of life instructions | Available<br><a href="#">End of Life Information</a>   |

## Contractual warranty

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