



## Main

|                           |                                 |
|---------------------------|---------------------------------|
| Range of Product          | 9016GVG                         |
| Product or Component Type | Electromechanical vacuum switch |
| Device Application        | Power circuit application       |
| Device short name         | 9016GVG                         |
| Electrical circuit type   | Power circuit                   |

## Complementary

|   |   |
|---|---|
| Factory modification                        | 3-way lever   |
| Vacuum switch type of operation             | Regulation between two thresholds   |
| Scale type                                  | Adjustable  |
| Vacuum sensor size                          | 25 inHg   |
| Cut out range                               | 5...25 inHg   |
| Cut-in range                                | 0...20 inHg   |
| Approx adjustable differential at mid range | 5...10 inHg   |
| Value of setting                            | 3...8 inHg  |
| Maximum pressure                            | 150 psi   |
| Maximum permissible pressure - per cycle    | 150 psi (1034.21 kPa)   |
| Local display                               | Without   |
| Fluid connection type                       | 0.25 inch 18 NPSF UL 508  |
| Electrical connection                       | Screw-clamp terminals AWG 22...AWG 12   |
| Cable entry number                          | 3 knock-outs for 1/2" NPT conduit   |
| Terminal block type                         | 8 screw terminals   |
| Pressure actuator                           | Diaphragm nitrile (Buna-N)  |
| Controlled fluid                            | Air -40...250 °F (-40...121 °C))<br>Water -40...250 °F (-40...121 °C))<br>Hydraulic oil -40...250 °F (-40...121 °C))<br>Gas -40...250 °F (-40...121 °C))  |
| Materials in contact with fluid             | Nitrile (Buna-N)<br>3M Scotch-Grip 847 rubber and gasket adhesive<br>Zinc plated steel  |
| Cover Material                              | Polypropylene, noryl thermoplastic resin or equivalent  |
| Operating position                          | Any position  |
| Enclosure Material                          | Stamped metal   |
| Maximum operating rate                      | 100 cyc/mn  |
| Repeat accuracy                             | 2.5 %   |
| Motor power kW                              | 1.5 KW 2 hp)115 V AC, 1 phase<br>2.2 KW 3 hp)115 V AC, 3 phase<br>2.2 KW 3 hp)230 V AC, 1 phase<br>3.75 KW 5 hp)230 V AC, 3 phase<br>3.7 KW 5 hp)460 V AC, 1 phase<br>3.7 KW 5 hp)460 V AC, 3 phase<br>3.7 KW 5 hp)575 V AC, 1 phase<br>3.7 KW 5 hp)575 V AC, 3 phase<br>0.75 KW 1 hp)115 V DC<br>0.75 kW 1 hp)230 V DC |

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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                               |  |
|-------------------------------|--|
| Contacts type and composition | 2 NC, DPST-DB, Form YY, snap action, silver cadmium contacts |
| Short-circuit protection      | 20 A cartridge fuse gG                                       |
| Mechanical durability         | 300 cycles   |
| Setting                       | Internal   |
| Net Weight                    | 4.6 lb(US) (2.09 kg)   |
| Height                        | 7.13 in (181.10 mm)  |
| Depth                         | 4.37 in (111.00 mm)  |
| Width                         | 4.58 in (116.33 mm)  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | UL 508   |
| Product Certifications                | UL listed file E12158 CCN NKPZ<br>CSA file LR25490 |
| Protective treatment                  | None   |
| Ambient air temperature for operation | 10...185 °F (-12...85 °C)                          |
| Ambient Air Temperature for Storage   | 10...185 °F (-12...85 °C)                          |
| NEMA degree of protection             | NEMA 1 UL 698                                      |

## Ordering and shipping details

|                       |                                       |
|-----------------------|---------------------------------------|
| Category              | 21541 - 9016 COMMERCIAL VACUUM SWITCH |
| Discount Schedule     | CP7G                                  |
| GTIN                  | 785901852193                          |
| Nbr. of units in pkg. | 1                                     |
| Package weight(Lbs)   | 4.60 lb(US) (2.087 kg)                |
| Returnability         | No                                    |
| Country of origin     | MX                                    |

## Packing Units

|                        |                       |
|------------------------|-----------------------|
| Unit Type of Package 1 | PCE                   |
| Package 1 Height       | 29.54 in (75.032 cm)  |
| Package 1 width        | 11.63 in (29.54 cm)   |
| Package 1 Length       | 75.03 in (190.582 cm) |

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |

## Contractual warranty

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