

# Product data sheet

## Characteristics

# 9007AP321

Snap switch, 9007AO, metal roller plunger head, 15A at 120VAC, 1NO/1NC, open type



### Main

|                           |                   |
|---------------------------|-------------------|
| Range of Product          | 9007              |
| Series name               | Heavy duty        |
| Product or Component Type | Snap limit switch |
| Device short name         | 9007AO/CO         |
| Body type                 | Fixed             |

### Complementary

|   |   |
|---|---|
| Mounting Mode                               | Panel mounting non-oil tight  |
| Operator profile                            | Plunger head  |
| Material                                    | Metal   |
| Body Material                               | Cast zinc   |
| Operator material                           | Cast zinc   |
| Fixing Mode                                 | By the head   |
| Movement of operating head                  | Linear  |
| Type of operator                            | Spring return roller plunger steel bushing mounted  |
| Switch actuation                            | By 30° cam  |
| Type of approach                            | Traverse approach, 2 directions   |
| Electrical connection                       | 1...2 6 binder head screw terminals AWG 22...AWG 14)  |
| Number of poles                             | 1   |
| Contacts type and composition               | NC-NO SPDT-DB   |
| Contact form                                | Form Z  |
| Contact operation                           | Snap action   |
| Number of steps                             | 1   |
| Contacts material                           | Silver contacts   |
| Positive opening                            | Without   |
| Terminals description ISO n°1               | (1-2)NC<br>(3-4)NO  |
| Minimum force for tripping                  | 1.25 lbf  |
| Maximum force for tripping                  | 1.25 lbf  |
| [Ie] rated operational current              | 5 A 600 V AC, A600 NEMA rating designation<br>6 A 480 V AC, A600 NEMA rating designation<br>10 A 240 V AC, A600 NEMA rating designation<br>15 A 120 V AC, A600 NEMA rating designation<br>0.02 A 600 V DC<br>0.2 A 250 V DC<br>0.5 A 125 V DC |
| [Ith] conventional enclosed thermal current | 15 A  |
| [Ui] rated insulation voltage               | 600 V 3)UL 508 contact block<br>600 VCSA C22.2 No 14 contact block  |
| Width                                       | 0.83 in (21.08 mm)  |
| Height                                      | 2.5 in (63.50 mm)   |
| Depth                                       | 2.69 in (68.33 mm)  |
| Net Weight                                  | 0.1 lb(US) (0.05 kg)  |

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.

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| NEMA degree of protection             | NEMA 1 Nema type 250         |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Ambient Air Temperature for Operation | -20...185 °F (-29...85 °C)   |
| Ambient Air Temperature for Storage   | -20...185 °F (-29...85 °C)   |

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 21491-9007 A SNAP SWITCHES |
| Discount Schedule     | DS1                        |
| GTIN                  | 785901809418               |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 1.60 oz (45.359 g)         |
| Returnability         | No                         |
| Country of origin     | MX                         |

## Packing Units

|                        |                     |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE                 |
| Package 1 Height       | 5.10 in (12.954 cm) |
| Package 1 width        | 9.60 in (24.384 cm) |
| Package 1 Length       | 11.00 in (27.94 cm) |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Diisobutyl 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>   |

## Contractual warranty

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