



### Main

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

### Complementary

|   |   |
|---|---|
| Mounting mode   | -   |
| Operator profile  | Plunger head  |
| Material  | Metal   |
| Body material   | Cast zinc   |
| Operator material   | Cast zinc   |
| Fixing mode   | By the body   |
| Movement of operating head                                | Linear  |
| Type of operator  | Plastic spring return plunger with thermoplastic end  |
| Switch actuation  | On end  |
| Type of approach  | 1 direction vertical approach   |
| Electrical connection                                     | 1...2 cables for 6 binder head screw terminals (AWG 22...AWG 14)  |
| Number of poles   | 1   |
| Contacts type and composition                             | NC-NO, switch function: SPDT-DB   |
| Contact form  | Form Z  |
| Contacts operation  | Snap action   |
| Number of steps   | 1   |
| Contacts material   | Silver contacts   |
| Positive opening  | Without   |
| Terminals description ISO n°1                             | (1-2)NC   |
| Minimum force for tripping                                | 0.44 lbf  |
| Maximum force for tripping                                | 0.69 lbf  |
| [I <sub>e</sub> ] rated operational current               | 0.25 A at 125 V DC<br>0.1 A at 250 V DC<br>15 A at 120 V AC, A600 conforming to NEMA rating designation<br>10 A at 240 V AC, A600 conforming to NEMA rating designation<br>6 A at 480 V AC, A600 conforming to NEMA rating designation<br>5 A at 600 V AC, A600 conforming to NEMA rating designation |
| [I <sub>th</sub> e] conventional enclosed thermal current | 15 A  |
| [U <sub>i</sub> ] rated insulation voltage                | 600 V - for contact block conforming to CSA C22.2 No 14<br>600 V - for contact block (degree of pollution: 3) conforming to UL 508  |
| Width   | 0.83 in   |
| Height  | 2.5 in  |
| Depth   | 1.03 in   |
| Product weight  | 0.1 lb(US)  |

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 conforming to Nema type 250 |
| IP degree of protection               | IP20 conforming to IEC 60529       |
| Ambient air temperature for operation | -20...185 °F                       |
| Ambient air temperature for storage   | -20...185 °F                       |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1150 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Need no specific recycling operations   |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|