



### Main

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

### 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                             | Spring return plunger plastic with thermoplastic end                                                                                                                                                                                                                                                  |
| Switch actuation                             | On end                                                                                                                                                                                                                                                                                                |
| Type of approach                             | Vertical approach, 1 direction                                                                                                                                                                                                                                                                        |
| 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                                                                                                                                                                                                                                                                                                |
| 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                   | 0.63 lbf                                                                                                                                                                                                                                                                                              |
| Maximum force for tripping                   | 0.88 lbf                                                                                                                                                                                                                                                                                              |
| [Ie] rated operational current               | 5 A at 600 V AC, A600 conforming to NEMA rating designation<br>6 A at 480 V AC, A600 conforming to NEMA rating designation<br>10 A at 240 V AC, A600 conforming to NEMA rating designation<br>15 A at 120 V AC, A600 conforming to NEMA rating designation<br>0.1 A at 250 V DC<br>0.25 A at 125 V DC |
| [Ithe] conventional enclosed thermal current | 15 A                                                                                                                                                                                                                                                                                                  |
| [Ui] rated insulation voltage                | 600 V (pollution degree 3) conforming to UL 508 for contact block<br>600 V conforming to CSA C22.2 No 14 for contact block                                                                                                                                                                            |
| Width                                        | 21.08 mm                                                                                                                                                                                                                                                                                              |
| Height                                       | 63.5 mm                                                                                                                                                                                                                                                                                               |
| Depth                                        | 26.16 mm                                                                                                                                                                                                                                                                                              |
| Net weight                                   | 0.05 kg                                                                                                                                                                                                                                                                                               |

## 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                       |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 2.3 cm  |
| Package 1 Width              | 10.2 cm |
| Package 1 Length             | 15.2 cm |
| Package 1 Weight             | 36.3 g  |

## Offer Sustainability

|                                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Disclosure                   |  <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                   |
| Circularity Profile                        | No need of specific recycling operations                                                                                                                                                                                                                                                                                                                                          |
| 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> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>                                                                                                                                                                                                                                                                                                    |

## Contractual warranty

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