

# Product data sheet

Specifications



## Snap basic limit switch, 9007, 600 VAC 15amp ao +options

9007AO6

### 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      |

6 A at 480 V AC, A600 conforming to NEMA rating designation  
10 A at 240 V AC, A600 conforming to NEMA rating designation  
15 A at 120 V AC, A600 conforming to NEMA rating designation  
0.1 A at 250 V DC  
0.25 A at 125 V DC

|                                                     |                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>[Ithe] conventional enclosed thermal current</b> | 15 A                                                                                                                       |
| <b>[Ui] rated insulation voltage</b>                | 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 |
| <b>Width</b>                                        | 21.08 mm                                                                                                                   |
| <b>Height</b>                                       | 63.50 mm                                                                                                                   |
| <b>Depth</b>                                        | 26.16 mm                                                                                                                   |
| <b>Product weight</b>                               | 0.05 kg                                                                                                                    |

## Environment

|                                              |                                    |
|----------------------------------------------|------------------------------------|
| <b>NEMA degree of protection</b>             | NEMA 1 conforming to Nema type 250 |
| <b>IP degree of protection</b>               | IP20 conforming to IEC 60529       |
| <b>Ambient air temperature for operation</b> | -29...85 °C                        |
| <b>Ambient air temperature for storage</b>   | -29...85 °C                        |

## Packing Units

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

## Offer Sustainability

|                                  |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>REACH Regulation</b>          | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                                                                                                 |
| <b>EU RoHS Directive</b>         | Not applicable, out of EU RoHS legal scope                                                                                                                                                                                                                                                                                                                                        |
| <b>Environmental Disclosure</b>  | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>California proposition 65</b> | 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> |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

## Recommended replacement(s)