



Main

|                               |   |
|-------------------------------|---|
| Range of product              | 9007  |
| Series name                   | Heavy duty  |
| Product or component type     | Limit switch  |
| Product specific application  | Standard box  |
| Device short name             | 9007C   |
| Body type                     | Plug-in   |
| Head type                     | Rotary head   |
| Material                      | Metal   |
| Fixing mode                   | By the body   |
| Movement of operating head    | Rotary  |
| Type of operator              | Zinc spring return without operating lever (-)9007C lever |
| Switch actuation              | CW and CCW<br>From left and right                         |
| Type of approach              | Lateral approach, 1 or 2 programmable direction           |
| Electrical connection         | Screw-clamp terminals (AWG 22...AWG 12), 1...2            |
| Cable entry                   | 1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1      |
| Number of poles               | 2   |
| Contacts type and composition | 2(NC-NO)  |
| Contact operation             | Snap action   |
| Positive opening              | Without   |
| Sale per indivisible quantity | 1   |

Complementary

|  |  |
|--|--|
| Body material                                | Zinc   |
| Head material                                | Zinc   |
| Function available                           | -  |
| Switch function                              | DPDT-DB  |
| Contact form                                 | Form ZZ  |
| Contacts material                            | Silver contacts  |
| Terminals description ISO n°1                | (7-8)NO<br>(1-2)NC<br>(5-6)NC<br>(3-4)NO   |
| Maximum actuation speed                      | 90 Ft/Min with 45° cam angle, levers only<br>130 ft/min with 30° cam angle, levers only  |
| Tripping angle                               | 10 °   |
| Maximum displacement angle                   | 90 °   |
| Repeat accuracy                              | +/- 0.002 in linear travel of cam  |
| [Ie] rated operational current               | 1.2 A at 600 V AC, A600 conforming to NEMA<br>1.5 A at 480 V AC, A600 conforming to NEMA<br>3 A at 240 V AC, A600 conforming to NEMA<br>6 A at 120 V AC, A600 conforming to NEMA<br>0.11 A at 250 V DC, R300 conforming to NEMA<br>0.55 A at 125 V DC, R300 conforming to NEMA |
| [Ithe] conventional enclosed thermal current | 10 A   |

|  |   |
|--|---|
| [Ui] rated insulation voltage          | 600 V (pollution degree 3) conforming to UL 508 for contact block<br>600 V (pollution degree 3) conforming to CSA C22.2 No 14 for contact block |
| [Uimp] rated impulse withstand voltage | 2.5 KV AC 1 min conforming to CE<br>2.2 KV AC 1 min conforming to UL<br>2.64 kV AC 1 s conforming to CSA  |
| Short-circuit protection               | 10 A by CC fuse, protection type: non-time delay  |
| Electrical durability                  | 1000000 cycles  |
| Local signalling                       | without   |
| Mechanical durability                  | 10000000 cycles   |
| Width                                  | 39.37 mm  |
| Height                                 | 102.11 mm   |
| Depth                                  | 63.5 mm   |
| Net weight                             | 0.57 kg   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Shock resistance                      | 60 gn for 9 ms conforming to IEC 60068-2-27   |
| Vibration resistance                  | 25 gn (f= 10...150 Hz) conforming to IEC 60068-2-6  |
| NEMA degree of protection             | NEMA 1 conforming to Nema type 250<br>NEMA 2 conforming to Nema type 250<br>NEMA 4 conforming to Nema type 250<br>NEMA 6 conforming to Nema type 250<br>NEMA 6P conforming to Nema type 250<br>NEMA 12 conforming to Nema type 250<br>NEMA 13 conforming to Nema type 250 |
| IP degree of protection               | IP67 conforming to IEC 60529  |
| Electrical shock protection class     | Class 0 conforming to IEC 61140   |
| Ambient air temperature for operation | -29...85 °C for standard environment  |
| Ambient air temperature for storage   | -20...185 °F  |
| Environmental characteristic          | Standard environment  |
| Protective treatment                  | Epoxy powder coat   |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 6.858 cm   |
| Package 1 Width              | 10.668 cm  |
| Package 1 Length             | 4.064 cm   |
| Package 1 Weight             | 576.062 g  |
| Unit Type of Package 2       | S03        |
| Number of Units in Package 2 | 25         |
| Package 2 Height             | 30.0 cm    |
| Package 2 Width              | 30.0 cm    |
| Package 2 Length             | 40.0 cm    |
| Package 2 Weight             | 15.063 kg  |
| Unit Type of Package 3       | PAL        |
| Number of Units in Package 3 | 600        |
| Package 3 Height             | 101.6 cm   |
| Package 3 Width              | 101.6 cm   |
| Package 3 Length             | 121.92 cm  |
| Package 3 Weight             | 349.266 kg |

### Offer Sustainability

|  |   |
|--|---|
| Sustainable offer status                   | Green Premium product   |
| 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: 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> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |

### Contractual warranty

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