



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                     | Plunger head  |
| Material                      | Metal   |
| Fixing mode                   | By the body   |
| Movement of operating head    | Linear  |
| Type of operator              | Stainless steel spring return side plunger (adjustable) |
| Switch actuation              | On end  |
| Type of approach              | Lateral approach, 1 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                | (5-6)NC<br>(3-4)NO<br>(1-2)NC<br>(7-8)NO   |
| Repeat accuracy                              | +/- 0.001 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                 | 68.83 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             | 5.08 cm   |
| Package 1 Width              | 7.112 cm  |
| Package 1 Length             | 10.795 cm |
| Package 1 Weight             | 566.991 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: 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 |
|----------|-----------|