



### 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 (low torque)9007C lever |
| Switch actuation              | From left and right<br>CW and CCW                                  |
| Type of approach              | Lateral approach, 2 programmable directions                        |
| 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                | (3-4)NO<br>(7-8)NO<br>(1-2)NC<br>(5-6)NC                                                                                                                                                                                                                                       |
| 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                                                                                                                                                                                                                                                                           |

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 TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                                        |                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| [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             | 25.806 cm |
| Package 1 Width              | 10.16 cm  |
| Package 1 Length             | 65.548 cm |
| Package 1 Weight             | 566.99 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 |
|----------|-----------|