

# Product data sheet

Specifications



## Limit switch, 9007, 600 V 10amp c +options

9007C52A2

### Main

|                               |   |
|-------------------------------|---|
| Range of product              | 9007  |
| Series name                   | Heavy duty  |
| Product or component type     | Limit switch  |
| Product specific application  | Compact 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              | From left and right<br>CW and CCW                         |
| 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               | 1   |
| Contacts type and composition | 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               | SPDT-DB         |
| Contact form                  | Form Z          |
| Contacts material             | Silver contacts |
| Terminals description ISO n°1 | (3-4)NO         |

(1-2)NC

|   |  |
|---|--|
| <b>Maximum actuation speed</b>                      | 90 ft/min with 45° cam angle, levers only<br>130 ft/min with 30° cam angle, levers only  |
| <b>Tripping angle</b>                               | 5 °  |
| <b>Maximum displacement angle</b>                   | 90 °   |
| <b>Repeat accuracy</b>                              | +/- 0.001 in linear travel of cam  |
| <b>[Ie] rated operational current</b>               | 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>0.1 A at 600 V DC, Q600 conforming to NEMA<br>0.27 A at 250 V AC, Q600 conforming to NEMA<br>0.55 A at 125 V DC, Q600 conforming to NEMA |
| <b>[Ithe] conventional enclosed thermal current</b> | 10 A   |
| <b>[Ui] rated insulation voltage</b>                | 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  |
| <b>[Uimp] rated impulse withstand voltage</b>       | 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   |
| <b>Short-circuit protection</b>                     | 10 A by CC fuse, protection type: non-time delay   |
| <b>Electrical durability</b>                        | 1000000 cycles   |
| <b>Local signalling</b>                             | without  |
| <b>Mechanical durability</b>                        | 10000000 cycles  |
| <b>Width</b>  | 39.37 mm   |
| <b>Height</b>                                       | 79.76 mm   |
| <b>Depth</b>  | 63.50 mm   |
| <b>Product weight</b>                               | 0.57 kg  |

## Environment

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

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type of Package 1</b>       | PCE      |
| <b>Number of Units in Package 1</b> | 1        |
| <b>Package 1 Height</b>             | 4.318 cm |
| <b>Package 1 Width</b>              | 7.112 cm |

|                              |           |
|------------------------------|-----------|
| Package 1 Length             | 10.668 cm |
| Package 1 Weight             | 489.88 g  |
| Unit Type of Package 2       | S02       |
| Number of Units in Package 2 | 25        |
| Package 2 Height             | 15.0 cm   |
| Package 2 Width              | 30.0 cm   |
| Package 2 Length             | 40.0 cm   |
| Package 2 Weight             | 12.405 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| 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> |

## Contractual warranty

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

## Recommended replacement(s)