

# Product data sheet

Specifications



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

9007C54B2Y1901

### 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         | Male connector, connector type: 7/8" - 16 UN - 2 A mini connector, 5 pins |
| 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 | (1-2)NC<br>(3-4)NO |

|   |   |
|---|---|
| <b>Minimum torque for tripping</b>                  | 0.45 N.m  |
| <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>                               | 10 °  |
| <b>Maximum displacement angle</b>                   | 90 °  |
| <b>Repeat accuracy</b>                              | +/- 0.002 in linear travel of cam   |
| <b>[Ie] rated operational current</b>               | 0.55 A at 120 V DC<br>0.27 A at 240 V DC<br>3 A at 240 V AC conforming to NEMA<br>6 A at 120 V AC conforming to NEMA                            |
| <b>[Ithe] conventional enclosed thermal current</b> | 6 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>                                       | 102.11 mm   |
| <b>Depth</b>  | 63.50 mm  |
| <b>Net 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>             | 25.806 cm |
| <b>Package 1 Width</b>              | 10.16 cm  |
| <b>Package 1 Length</b>             | 65.548 cm |

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Package 1 Weight 566.991 g

## Offer Sustainability

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Sustainable offer status Green Premium product

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REACH Regulation [REACH Declaration](#)

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EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)  
[EU RoHS Declaration](#)

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Mercury free Yes

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RoHS exemption information [Yes](#)

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Environmental Disclosure [Product Environmental Profile](#)

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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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Contractual warranty

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Warranty 18 months

## Recommended replacement(s)