

# Product data sheet

Specifications



## Limit switch plug in unit, 9007, 600 V 10 A c

9007CO54

### Main

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Range of product                      | 9007                                 |
| Series name                           | Heavy duty                           |
| Product or component type             | Limit switch plug-in unit            |
| Device short name                     | 9007C                                |
| Body type                             | Standard plug-in                     |
| Product compatibility                 | 9007C                                |
| Local display                         | Without                              |
| Number of poles                       | 1                                    |
| Contacts type and composition         | NC-NO                                |
| Contact operation                     | Snap action                          |
| Number of steps                       | 1                                    |
| Positive opening                      | Without                              |
| Ambient air temperature for operation | -29...85 °C for standard environment |
| Environmental characteristic          | Standard environment                 |
| Sale per indivisible quantity         | 1                                    |

### Complementary

|                                 |                 |
|---------------------------------|-----------------|
| Associated head                 | 9007C           |
| Associated connection component | 9007CT54        |
| Body material                   | Zinc            |
| Function available              | -               |
| Switch function                 | SPDT-DB         |
| Contact form                    | Form Z          |
| Contacts material               | Silver contacts |

|                                |   |
|--------------------------------|---|
| [Ie] rated operational current | 1.2 A at 600 V AC, A600 conforming to NEMA rating designation<br>1.5 A at 480 V AC, A600 conforming to NEMA rating designation<br>3 A at 240 V AC, A600 conforming to NEMA rating designation<br>6 A at 120 V AC, A600 conforming to NEMA rating designation<br>0.1 A at 600 V DC, Q600 conforming to NEMA rating designation<br>0.27 A at 250 V AC, Q600 conforming to NEMA rating designation<br>0.55 A at 125 V DC, Q600 conforming to NEMA rating designation |
|--------------------------------|---|

|   |  |
|---|--|
| <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 conforming to CSA C22.2 No 14 |
| <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>Mechanical durability</b>                        | 10000000 cycles  |
| <b>Terminals description ISO n°1</b>                | (1-2)NC<br>(3-4)NO   |
| <b>Width</b>  | 39.37 mm   |
| <b>Height</b>                                       | 79.76 mm   |
| <b>Depth</b>  | 45.47 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 storage</b> | -29...85 °C   |
| <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 |
| <b>Package 1 Weight</b>             | 199.581 g |
| <b>Unit Type of Package 2</b>       | S03       |
| <b>Number of Units in Package 2</b> | 25        |
| <b>Package 2 Height</b>             | 30.0 cm   |
| <b>Package 2 Width</b>              | 30.0 cm   |
| <b>Package 2 Length</b>             | 40.0 cm   |
| <b>Package 2 Weight</b>             | 27.463 kg |

## Offer Sustainability

|                                 |                       |
|---------------------------------|-----------------------|
| <b>Sustainable offer status</b> | Green Premium product |
|---------------------------------|-----------------------|

|                                   |   |
|-----------------------------------|---|
| <b>REACH Regulation</b>           | <a href="#">REACH Declaration</a>   |
| <b>EU RoHS Directive</b>          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>   |
| <b>Mercury free</b>               | Yes   |
| <b>RoHS exemption information</b> | Yes   |
| <b>Environmental Disclosure</b>   | <a href="#">Product Environmental Profile</a>   |
| <b>California proposition 65</b>  | 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

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

## Recommended replacement(s)