# Product data sheet
## Characteristics

# 9007C54C
## Limit switch, 9007, 600 V 10amp c +options



### 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 stay put without operating lever -)9007C lever |
| Switch actuation | From left and right<br>CW and CCW |
| Type of approach | Lateral approach, 1 direction programmable |
| Electrical connection | Screw-clamp terminals AWG 22...AWG 12), 1…2 |
| Cable entry | 1 entry for 1/2" - 14 NPT 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 | (1-2)NC<br>(3-4)NO |
| Maximum actuation speed | 90 Ft/Min with 45° cam angle, levers only<br>130 ft/min with 30° cam angle, levers only |
| Tripping angle | 45 ° |
| Maximum displacement angle | 90 ° |
| Repeat accuracy | +/- 0.002 in linear travel of cam |
| [Ie] rated operational current | 1.2 A 600 V AC, A600 NEMA<br>0.1 A 600 V DC, Q600 NEMA |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 600 V 3)UL 508 contact block<br>600 V 3)CSA C22.2 No 14 contact block |
| [Uimp] rated impulse withstand voltage | 2.5 KV AC 1 min CE<br>2.2 KV AC 1 min UL<br>2.64 kV AC 1 s CSA |
| Short-circuit protection | 10 A CC non-time delay |
| Electrical durability | 1000000 cycles |

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.
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| | |
|---|---|
| Local signalling | without |
| Mechanical durability | 10000000 cycles |
| Width | 1.55 in (39.37 mm) |
| Height | 4.02 in (102.11 mm) |
| Depth | 2.5 in (63.50 mm) |
| Net Weight | 1.25 lb(US) (0.57 kg) |

## Environment

| | |
|---|---|
| Shock resistance | 60 gn 9 ms IEC 60068-2-27 |
| Vibration resistance | 25 gn 10…150 Hz)IEC 60068-2-6 |
| NEMA degree of protection | NEMA 1 Nema type 250<br>NEMA 2 Nema type 250<br>NEMA 4 Nema type 250<br>NEMA 6 Nema type 250<br>NEMA 6P Nema type 250<br>NEMA 12 Nema type 250<br>NEMA 13 Nema type 250 |
| IP degree of protection | IP67 conforming to IEC 60529 |
| Electrical shock protection class | Class 0 IEC 61140 |
| Ambient air temperature for operation | -20…185 °F (-29…85 °C) standard environment |
| Ambient Air Temperature for Storage | -20…185 °F (-29…85 °C) |
| Environmental characteristic | Standard environment |
| Protective treatment | Epoxy powder coat |

## Ordering and shipping details

| | |
|---|---|
| Category | 21499-9007 C LIMIT SWITCHES |
| Discount Schedule | DS1 |
| GTIN | 785901783893 |
| Returnability | Yes |
| Country of origin | MX |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.60 in (4.064 cm) |
| Package 1 Width | 2.80 in (7.112 cm) |
| Package 1 Length | 4.10 in (10.414 cm) |
| Package 1 Weight | 20.00 oz (566.991 g) |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 5.00 in (12.7 cm) |
| Package 2 Width | 6.00 in (15.24 cm) |
| Package 2 Length | 8.80 in (22.352 cm) |
| Package 2 Weight | 12.74 lb(US) (5.779 kg) |

## Offer Sustainability

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|---|---|
| Sustainable offer status | Green Premium product |
| 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 |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |

| | |
|---|---|
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |

## Contractual warranty

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