



THE DATASHEET OF
2981981



9007C54A2Y247

NEMA limit switch, 9007C, heavy duty, standard, spring return lever, low differential, 10A, 600V, 1NO/1NC, NEMA 4, 13



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 differential)L100/300 lever |
| Switch actuation | From left and right 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 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 |
| Minimum torque for tripping | 4 lbf.in (0.45 N.m) |
| Maximum actuation speed | 90 Ft/Min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only |
| Tripping angle | 5 ° |
| Maximum displacement angle | 90 ° |
| Repeat accuracy | +/- 0.001 in linear travel of cam |
| [Ie] rated operational current | 1.2 A 600 V AC, A600 NEMA 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 600 V 3)CSA C22.2 No 14 contact block |

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| | |
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| [Uimp] rated impulse withstand voltage | 2.5 KV AC 1 min CE 2.2 KV AC 1 min UL 2.64 kV AC 1 s CSA |
| Short-circuit protection | 10 A CC non-time delay |
| Electrical durability | 1000000 cycles |
| 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

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|---------------------------------------|---|
| 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 NEMA 2 Nema type 250 NEMA 4 Nema type 250 NEMA 6 Nema type 250 NEMA 6P Nema type 250 NEMA 12 Nema type 250 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 | 785901045861 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 20.00 oz (566.99 g) |
| Returnability | No |
| Country of origin | MX |

Packing Units

| | |
|------------------------|----------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 10.16 in (25.806 cm) |
| Package 1 width | 4.00 in (10.16 cm) |
| Package 1 Length | 25.81 in (65.548 cm) |

Offer Sustainability


| | |
|----------------------------|---|
| 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

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

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