

# 9007C52E

NEMA limit switch, 9007C, heavy duty, compact, steel spring return top plunger, 10A, 600V, 1NO/1NC, NEMA 4, 6P, 12, 13



## 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                     | Plunger head                                  |
| Material                      | Metal                                         |
| Fixing Mode                   | By the body                                   |
| Movement of operating head    | Linear                                        |
| Type of operator              | Stainless steel spring return plunger -)      |
| Switch actuation              | On end                                        |
| Type of approach              | Vertical approach, 1 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<br>(1-2)NC                                                                                                                                                                                    |
| Repeat accuracy                              | +/- 0.001 in linear travel of cam                                                                                                                                                                     |
| [Ie] rated operational current               | 1.2 A 600 V AC, A600 NEMA<br>1.5 A 480 V AC, A600 NEMA<br>3 A 240 V AC, A600 NEMA<br>6 A 120 V AC, A600 NEMA<br>0.1 A 600 V DC, Q600 NEMA<br>0.27 A 250 V AC, Q600 NEMA<br>0.55 A 125 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        |
| Local signalling      | without               |
| Mechanical durability | 10000000 cycles       |
| Width                 | 1.55 in (39.37 mm)    |
| Height                | 3.62 in (91.95 mm)    |
| Depth                 | 1.79 in (45.47 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              | 3389119057530               |
| Returnability     | No                          |
| 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              | 2.00 in (5.08 cm)        |
| Package 1 Length             | 5.20 in (13.208 cm)      |
| Package 1 Weight             | 14.56 oz (412.769 g)     |
| Unit Type of Package 2       | S03                      |
| Number of Units in Package 2 | 25                       |
| Package 2 Height             | 11.81 in (30.0 cm)       |
| Package 2 Width              | 11.81 in (30.0 cm)       |
| Package 2 Length             | 15.75 in (40.0 cm)       |
| Package 2 Weight             | 23.95 lb(US) (10.863 kg) |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> |
| REACH Regulation          |  <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                             |
| EU RoHS Directive         | Not applicable, out of EU RoHS legal scope                                                                                                                                                                                                                                                                                                                                        |
| Environmental Disclosure  |  <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                 |

Contractual warranty

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