

# 9007CR53J

NEMA limit switch, 9007C, heavy duty, standard, spring return wobble stick, Delrin, 10A, 600V, 1NO/1NC, NEMA 7/9



## Main

|                               |                                                                     |
|-------------------------------|---------------------------------------------------------------------|
| Range of Product              | 9007                                                                |
| Series name                   | Heavy duty                                                          |
| Product or Component Type     | Limit switch                                                        |
| Product Specific Application  | Hazardous location box                                              |
| Device short name             | 9007CR                                                              |
| Body type                     | Fixed                                                               |
| Head type                     | Multi-directional head                                              |
| Material                      | Metal                                                               |
| Fixing Mode                   | By the body                                                         |
| Movement of operating head    | Multi-directional                                                   |
| Type of operator              | Acetal resin spring return wobble stick -)                          |
| Switch actuation              | By any moving part                                                  |
| Type of approach              | Multi-directional approach, multi-directional approach              |
| 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                                                             |
| Level or class                | Class II Division 1 Groups E/F/G<br>Class I Division 1 Groups B/C/D |
| Sale per indivisible quantity | 1                                                                   |

## Complementary

|                                              |                                                                                                                                                                                                       |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body Material                                | Aluminium                                                                                                                                                                                             |
| 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                                                                                                                                                                                    |
| Minimum torque for tripping                  | 3 lbf.in (0.34 N.m)                                                                                                                                                                                   |
| Tripping angle                               | 10 °                                                                                                                                                                                                  |
| Maximum displacement angle                   | 90 °                                                                                                                                                                                                  |
| [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                                                                                                                                 |

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|                                        |                                                                |
|----------------------------------------|----------------------------------------------------------------|
| [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                                  | 2.72 in (69.09 mm)                                             |
| Height                                 | 10.35 in (262.89 mm)                                           |
| Depth                                  | 2.08 in (52.83 mm)                                             |
| Product Weight                         | 2.5 lb(US) (1.13 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) hazardous location                                                                                                                           |
| 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              | 785901960799                |
| Returnability     | No                          |
| Country of origin | MX                          |

## Packing Units

|                              |                      |
|------------------------------|----------------------|
| Unit Type of Package 1       | PCE                  |
| Number of Units in Package 1 | 1                    |
| Package 1 Height             | 6.50 in (16.516 cm)  |
| Package 1 Width              | 2.56 in (6.502 cm)   |
| Package 1 Length             | 16.52 in (41.951 cm) |
| Package 1 Weight             | 34.56 oz (979.76 g)  |

## 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 |
|----------|-----------|