



### 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                     | Plunger head                                                        |
| Material                      | Metal                                                               |
| Fixing Mode                   | By the body                                                         |
| Movement of operating head    | Linear                                                              |
| Type of operator              | Stainless steel spring return side plunger -)                       |
| Switch actuation              | On end                                                              |
| Type of approach              | Lateral 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                                                             |
| 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 force for tripping                   | 4 lbf                                                                                                                                                                                                 |
| 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                    | 2.72 in (69.09 mm)     |
| Height                   | 6.1 in (154.94 mm)     |
| Depth                    | 2.48 in (62.99 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              | 785901763390                |
| Returnability     | No                          |
| Country of origin | MX                          |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 2.90 in (7.366 cm)     |
| Package 1 Width              | 3.50 in (8.89 cm)      |
| Package 1 Length             | 6.40 in (16.256 cm)    |
| Package 1 Weight             | 2.50 lb(US) (1.134 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 |
|----------|-----------|