# Product data sheet
## Characteristics

# 9007CR61G
## Limit switch, 9007, 9007CR 2 NO/NC, side push rod plunger



### 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 | 2 |
| Contacts type and composition | 2(NC-NO) |
| Contact operation | Snap action |
| Positive opening | Without |
| Level or class | Class I Division 1 Groups B/C/D<br>Class II Division 1 Groups E/F/G |
| Sale per indivisible quantity | 1 |

### Complementary

| | |
|---|---|
| Body material | Aluminium |
| Head material | Zinc |
| Function Available | - |
| Switch Function | DPDT-DB |
| Contact form | Form ZZ |
| Contacts material | Silver contacts |
| Terminals description ISO n°1 | (3-4)NO<br>(7-8)NO<br>(1-2)NC<br>(5-6)NC |
| 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>0.11 A 250 V DC, R300 NEMA<br>0.55 A 125 V DC, R300 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 |

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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| | |
|---|---|
| [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) |
| Net Weight | 2.5 lb(US) (1.13 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<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 | 785901348344 |
| 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 www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure | Product Environmental Profile |

## Contractual warranty

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