

Product availability: Stock - Normally stocked in distribution facility



Main

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|-------------------------------|---|
| 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 plunger (-) |
| Switch actuation | On end |
| Type of approach | 1 direction vertical approach |
| Electrical connection | (AWG 22...AWG 12) screw-clamp terminals, 1...2 |
| Cable entry | 1 entry for 1/2" - 14 NPT conforming to 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 Class I Division 1 Groups B/C/D |
| Sale per indivisible quantity | 1 |

Complementary

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|--|---|
| 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 (3-4)NO |
| Minimum force for tripping | 3 lbf |
| Repeat accuracy | +/- 0.001 in linear travel of cam |
| [Ie] rated operational current | 1.2 Aat 600 V AC, A600 conforming to NEMA 1.5 Aat 480 V AC, A600 conforming to NEMA 3 Aat 240 V AC, A600 conforming to NEMA 6 Aat 120 V AC, A600 conforming to NEMA 0.1 Aat 600 V DC, Q600 conforming to NEMA 0.27 Aat 250 V AC, Q600 conforming to NEMA 0.55 Aat 125 V DC, Q600 conforming to NEMA |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 600 V degree of pollution 3 conforming to UL 508for contact block 600 V degree of pollution 3 conforming to CSA C22.2 No 14for contact block |
| [Uimp] rated impulse withstand voltage | 2.5 kV ACfor 1 min conforming to CE 2.2 kV ACfor 1 min conforming to UL 2.64 kV ACfor 1 s conforming to CSA |

| | |
|--------------------------|--|
| Short-circuit protection | 10 A by CC fuse, protection type: non-time delay |
| Electrical durability | 1000000 cycles |
| Local signalling | Without |
| Mechanical durability | 10000000 cycles |
| Width | 2.72 in |
| Height | 6.58 in |
| Depth | 2.08 in |
| Product weight | 2.5 lb(US) |

Environment

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|---------------------------------------|---|
| Shock resistance | 60 gn (duration = 9 ms) conforming to IEC 60068-2-27 |
| Vibration resistance | 25 gn (f = 10...150 Hz) conforming to IEC 60068-2-6 |
| NEMA degree of protection | NEMA 2 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 6 conforming to Nema type 250 NEMA 6P conforming to Nema type 250 NEMA 12 conforming to Nema type 250 NEMA 13 conforming to Nema type 250 NEMA 1 conforming to Nema type 250 |
| IP degree of protection | IP67 conforming to IEC 60529 |
| Electrical shock protection class | Class 0 conforming to IEC 61140 |
| Ambient air temperature for operation | -20...185 °Ffor hazardous location |
| Ambient air temperature for storage | -20...185 °F |
| Environmental characteristic | Standard environment |
| Protective treatment | Epoxy powder coat |

Ordering and shipping details

| | |
|-----------------------|-------------------------------|
| Category | 21499 - 9007 C LIMIT SWITCHES |
| Discount Schedule | DS1 |
| GTIN | 00785901763383 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.0499999999999998 |
| Returnability | Y |
| Country of origin | MX |

Offer Sustainability

| | |
|----------------------------------|--|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1150 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| - - - - - Substance 1 | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| - - - - - Substance 2 | Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| - - - - - More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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

Mouser Electronics

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