



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 | Rotary head |
| Material | Metal |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Zinc spring return without operating lever (low differential)9007C lever |
| Switch actuation | From left and right CW and CCW |
| Type of approach | Lateral approach, 1 or 2 programmable direction |
| Electrical connection | Screw-clamp terminals (AWG 22...AWG 12), 1...2 |
| Cable entry | 1 entry for 1/2" - 14 NPT conforming to ANSI B.1.20.1 |
| 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 Class II Division 1 Groups E/F/G |
| Sale per indivisible quantity | 1 |

Complementary

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| 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 | (5-6)NC (1-2)NC (3-4)NO (7-8)NO |
| Minimum torque for tripping | 0.5 N.m |
| Maximum actuation speed | 90 Ft/Min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only |
| Tripping angle | 5 ° |
| Maximum displacement angle | 90 ° |
| Repeat accuracy | +/- 0.001 in linear travel of cam |

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| [Ie] rated operational current | 1.2 A at 600 V AC, A600 conforming to NEMA 1.5 A at 480 V AC, A600 conforming to NEMA 3 A at 240 V AC, A600 conforming to NEMA 6 A at 120 V AC, A600 conforming to NEMA 0.11 A at 250 V DC, R300 conforming to NEMA 0.55 A at 125 V DC, R300 conforming to NEMA |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 600 V (pollution degree 3) conforming to UL 508 for contact block 600 V (pollution degree 3) conforming to CSA C22.2 No 14 for contact block |
| [Uimp] rated impulse withstand voltage | 2.5 KV AC 1 min conforming to CE 2.2 KV AC 1 min conforming to UL 2.64 kV AC 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 | 69.09 mm |
| Height | 154.9 mm |
| Depth | 70.87 mm |
| Net weight | 1.1 kg |

Environment

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| Shock resistance | 60 gn for 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 1 conforming to Nema type 250 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 |
| IP degree of protection | IP67 conforming to IEC 60529 |
| Electrical shock protection class | Class 0 conforming to IEC 61140 |
| Ambient air temperature for operation | -29...85 °C for hazardous location |
| Ambient air temperature for storage | -20...185 °F |
| Environmental characteristic | Standard environment |
| Protective treatment | Epoxy powder coat |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 17.742 cm |
| Package 1 Width | 6.985 cm |
| Package 1 Length | 45.064 cm |
| Package 1 Weight | 1.134 kg |

Offer Sustainability

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| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisobutyl 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 |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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