



Main

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| Range of product | 9007 |
| Series name | Heavy duty |
| Product or component type | Limit switch |
| Product specific application | Standard box |
| Device short name | 9007C |
| Body type | Plug-in |
| Head type | Plunger head |
| Material | Metal |
| Fixing mode | By the body |
| Movement of operating head | Linear |
| Type of operator | Steel spring return side roller plunger with vertical roller (vertical convertible to horizontal) |
| Switch actuation | By 30° cam |
| Type of approach | Vertical approach, 2 directions |
| Electrical connection | Screw-clamp terminals (AWG 22...AWG 12), 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 |
| Sale per indivisible quantity | 1 |

Complementary

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|-------------------------------|-----------------|
| Body material | Zinc |
| Head material | Zinc |
| Function available | - |
| Switch function | SPDT-DB |
| Contact form | Form Z |
| Contacts material | Silver contacts |
| Terminals description ISO n°1 | (3-4)NO |

(1-2)NC

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| Repeat accuracy | +/- 0.001 in linear travel of cam |
| [Ie] rated operational current | 1.2 A at 600 V AC, A600 conforming to NEMA 0.1 A at 600 V DC, Q600 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 | 1.55 in |
| Height | 4.02 in |
| Depth | 2.63 in |
| Product weight | 1.25 lb(US) |

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 | -20...185 °F for standard environment |
| Ambient air temperature for storage | -20...185 °F |
| Environmental characteristic | Standard environment |
| Protective treatment | Epoxy powder coat |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |

Contractual warranty

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| Warranty | 18 months |
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