



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 | 2 directions 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 | 2 |
| Contacts type and composition | 2(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 | DPDT-DB |
| Contact form | Form ZZ |
| Contacts material | Silver contacts |
| Terminals description ISO n°1 | (1-2)NC (3-4)NO (5-6)NC (7-8)NO |
| Repeat accuracy | +/- 0.001 in linear travel of cam |
| [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 degree of pollution 3 conforming to UL 508 for contact block 600 V degree of pollution 3 conforming to CSA C22.2 No 14 for contact block |
| [Uimp] rated impulse withstand voltage | 2.5 kV AC for 1 min conforming to CE 2.2 kV AC for 1 min conforming to UL 2.64 kV AC for 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 |

The information provided in this documentation contains general descriptions and/or technical characteristics 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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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| Height | 4.02 in |
| Depth | 2.63 in |
| Product weight | 1.25 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 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 | Not Green Premium product |
| RoHS (date code: YYWW) | Will not be Compliant |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

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| Warranty period | 18 months |
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