

Product data sheet

Specifications



Limit switch, 9007, 600 V 10amp c +options

9007C52KC

Main

| | |
|-------------------------------|--|
| Range of product | 9007 |
| Series name | Heavy duty |
| Product or component type | Limit switch |
| Product specific application | Compact box |
| Device short name | 9007C |
| Body type | Plug-in |
| Head type | Multi-directional head |
| Material | Metal |
| Fixing mode | By the body |
| Movement of operating head | Multi-directional |
| Type of operator | Steel spring return wobble stick (coil spring extension) |
| Switch actuation | By any moving part |
| Type of approach | Multi-directional approach, multi-directional approach |
| 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 | (1-2)NC |

(3-4)NO

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|---|--|
| Tripping angle | 10 ° |
| Maximum displacement angle | 90 ° |
| [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 0.1 A at 600 V DC, Q600 conforming to NEMA 0.27 A at 250 V AC, Q600 conforming to NEMA 0.55 A at 125 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 | 39.37 mm |
| Height | 184.40 mm |
| Depth | 45.47 mm |
| Net weight | 0.57 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 standard environment |
| Ambient air temperature for storage | -29...85 °C |
| 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 | 12.903 cm |
| Package 1 Width | 5.08 cm |
| Package 1 Length | 32.774 cm |
| Package 1 Weight | 566.991 g |

Offer Sustainability

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|--------------------------|---|
| 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 |
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Recommended replacement(s)