

Product Datasheet

Characteristic

9007C54B2Y128

LIMIT SWITCH 600V 10AMP C +OPTIONS



Main

| | |
|-------------------------------|--|
| 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 | rotary head |
| material | metal |
| fixing mode | by the body |
| movement of operating head | rotary |
| type of operator | zinc spring return without operating lever (-) 9007C lever |
| switch actuation | from left and right CW and CCW |
| type of approach | 1 or 2 programmable direction lateral 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 |
| contacts 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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| minimum torque for tripping | 4 lbf.in |
| maximum actuation speed | 90 ft/min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only |
| tripping angle | 10 ° |
| maximum displacement angle | 90 ° |
| repeat accuracy | +/- 0.002 in linear travel of cam |
| [Ie] rated operational current | 1.2 Aat 600 V AC, A600 conforming to NEMA 0.1 Aat 600 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 | 1.55 in |
| height | 4.02 in |
| depth | 2.5 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 |
| class of protection against electric shock | class 0 conforming to IEC 61140 |
| ambient air temperature for operation | -40...185 °F low temperature |
| ambient air temperature for storage | -40...185 °F |
| environmental characteristic | low temperature |
| protective treatment | epoxy powder coat |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1150 - 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 |

Contractual warranty

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