

Product data sheet

Characteristics

9007C62N2M11P5

9007C limit switch - 2 NO/NC - rotary head - CW
+CCW - low torque



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 | Rotary head |
| Material | Metal |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Zinc spring return without operating lever (low torque) 9007C lever |
| Switch actuation | From left and right CW and CCW |
| Type of approach | 2 programmable directions lateral approach |
| Electrical connection | (AWG 22...AWG 12) screw-clamp terminals, 1...2 |
| Cable entry | 1 entry for M20 x 1.5 mm conforming to BS 4568 |
| 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

| | |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Minimum torque for tripping | 1.56 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 | 0.22 A at 120 V DC 6 A at 120 V AC, A150 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 | 1 LED indicator light (light ON when switch is actuated) at 24...120 V AC/DC service life: 100000 h |
| 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 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 NEMA 1 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 |

Contractual warranty

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