



### 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                     | 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         | (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

|                               |  |
|-------------------------------|--|
| Body material                 | Zinc                                     |
| Head material                 | Zinc                                     |
| Function available            | 2 stages sequential                      |
| Switch function               | 2 SPDT-DB                                |
| Contact form                  | Form Z                                   |
| Contacts material             | Silver contacts                          |
| Terminals description ISO n°1 | (1-2)NC<br>(3-4)NO<br>(5-6)NC<br>(7-8)NO |

Disclaimer: 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

|  |   |
|--|---|
| Minimum torque for tripping                  | 3 lbf.in  |
| Tripping angle                               | 10 °  |
| Maximum displacement angle                   | 90 °  |
| [Ie] rated operational current               | 0.22 A at 120 V DC<br>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<br>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<br>2.2 kV AC for 1 min conforming to UL<br>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                                       | 8.14 in   |
| Depth  | 1.79 in   |
| Product weight                               | 1.25 lb(US)   |

## Environment

|                                       |   |
|---------------------------------------|---|
| 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<br>NEMA 4 conforming to Nema type 250<br>NEMA 6 conforming to Nema type 250<br>NEMA 6P conforming to Nema type 250<br>NEMA 12 conforming to Nema type 250<br>NEMA 13 conforming to Nema type 250<br>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

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