



## 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                     | Plunger head                                   |
| Material                      | Metal                                          |
| Fixing mode                   | By the body                                    |
| Movement of operating head    | Linear                                         |
| Type of operator              | Stainless steel spring return plunger (-)      |
| Switch actuation              | On end                                         |
| Type of approach              | 1 direction vertical 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                           | -                                                                                                                                                                                                                                                                        |
| Switch function                              | DPDT-DB                                                                                                                                                                                                                                                                  |
| Contact form                                 | Form ZZ                                                                                                                                                                                                                                                                  |
| Contacts material                            | Silver contacts                                                                                                                                                                                                                                                          |
| Terminals description ISO n°1                | (1-2)NC<br>(3-4)NO<br>(5-6)NC<br>(7-8)NO                                                                                                                                                                                                                                 |
| Minimum force for tripping                   | 3 lbf                                                                                                                                                                                                                                                                    |
| Repeat accuracy                              | +/- 0.001 in linear travel of cam                                                                                                                                                                                                                                        |
| [Ie] rated operational current               | 1.2 Aat 600 V AC, A600 conforming to NEMA<br>1.5 Aat 480 V AC, A600 conforming to NEMA<br>3 Aat 240 V AC, A600 conforming to NEMA<br>6 Aat 120 V AC, A600 conforming to NEMA<br>0.11 Aat 250 V DC, R300 conforming to NEMA<br>0.55 Aat 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 508for contact block<br>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<br>2.2 kV ACfor 1 min conforming to UL<br>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                                                                                                                                                                                                                                                                  |

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.

|                |             |
|----------------|-------------|
| Height         | 4.5 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 1 conforming to Nema type 250<br>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 |
| 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 °Ffor standard environment                                                                                                                                                                                                                                      |
| ambient air temperature for storage   | -20...185 °F                                                                                                                                                                                                                                                              |
| environmental characteristic          | Standard environment                                                                                                                                                                                                                                                      |
| protective treatment                  | Epoxy powder coat                                                                                                                                                                                                                                                         |

## Offer Sustainability

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Not Green Premium product                                                                                                  | Not Green Premium product                                                                                                  |
| Will not be Compliant                                                                                                      | Will not be Compliant                                                                                                      |
| Reference not containing SVHC above the threshold                                                                          | Reference not containing SVHC above the threshold                                                                          |
| Available                                                                                                                  | Available                                                                                                                  |
| Need no specific recycling operations                                                                                      | Need no specific recycling operations                                                                                      |
| WARNING: This product can expose you to chemicals including:                                                               | WARNING: This product can expose you to chemicals including:                                                               |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Contractual warranty

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