



## 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 (-)<br>L100/300 lever |
| Switch actuation              | From left and right<br>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<br>B1.20.1          |
| 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 torque for tripping                               | 4 lbf.in                                                                                                                                                                                                                                                                 |
| Maximum actuation speed                                   | 90 ft/min with 45° cam angle, levers only<br>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                                                                                                                                                                                                                                        |
| [I <sub>e</sub> ] 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 |
| [I <sub>the</sub> ] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                     |
| [U <sub>i</sub> ] 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                                                                                                                          |
| [U <sub>imp</sub> ] 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                                                                                                                                                        |

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.

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| 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

|                                       |                                                                                                                                                                                                                                                                           |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|-----------------|-----------|

## Данный компонент на территории Российской Федерации

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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