# Product datasheet
## Characteristics

# 9007C52FM11

## Main

| | |
|---|---|
| Range of product | 9007 |
| Series name | Heavy duty |
| Product or component type | Limit switch |
| Product specific application | Compact 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 | Steel spring return side roller plunger with vertical roller (vertical convertible to horizontal) |
| Switch actuation | By 30° cam |
| Type of approach | 2 directions 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 | 1 |
| Contacts type and composition | 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 | SPDT-DB |
| Contact form | Form Z |
| Contacts material | Silver contacts |
| Terminals description ISO n°1 | (1-2)NC<br>(3-4)NO |
| Minimum force for tripping | 4 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>0.1 Aat 600 V DC, Q600 conforming to NEMA<br>0.27 Aat 250 V AC, Q600 conforming to NEMA<br>0.55 Aat 125 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<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 performance 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.
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|---|---|
| Height | 3.14 in |
| Depth | 2.63 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 www.p65warnings.ca.gov | For more information go to www.p65warnings.ca.gov |

## Contractual warranty

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

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
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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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