

## Main

|                               |                          |
|-------------------------------|--------------------------|
| Range of product              | 9007                     |
| Series name                   | Severe duty foundry      |
| Product or component type     | Limit switch             |
| Device application            | Universal foundry switch |
| Device short name             | 9007T/FT                 |
| Body type                     | Fixed                    |
| Head type                     | Rotary head              |
| Sale per indivisible quantity | 1                        |

## Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base plate style                             | Style B                                                                                                                                                                                                                                                                                                                          |
| Body material                                | Cast zinc                                                                                                                                                                                                                                                                                                                        |
| Fixing mode                                  | By the body                                                                                                                                                                                                                                                                                                                      |
| Movement of operating head                   | Rotary                                                                                                                                                                                                                                                                                                                           |
| Type of operator                             | Spring return without operating lever                                                                                                                                                                                                                                                                                            |
| Contact sequence number                      | 6                                                                                                                                                                                                                                                                                                                                |
| Function available                           | 2 stages sequential                                                                                                                                                                                                                                                                                                              |
| Switch actuation                             | CCW<br>From right                                                                                                                                                                                                                                                                                                                |
| Type of approach                             | Lateral approach                                                                                                                                                                                                                                                                                                                 |
| Electrical connection                        | Screw-clamp terminals AWG 22...AWG 12                                                                                                                                                                                                                                                                                            |
| Cable entry                                  | 1 entry for M20 - 20 mm BS 4568                                                                                                                                                                                                                                                                                                  |
| Number of poles                              | 1                                                                                                                                                                                                                                                                                                                                |
| Switch function                              | SPDT-DB                                                                                                                                                                                                                                                                                                                          |
| Contact form                                 | Form Z                                                                                                                                                                                                                                                                                                                           |
| Contact operation                            | Snap action                                                                                                                                                                                                                                                                                                                      |
| Contacts usage                               | -                                                                                                                                                                                                                                                                                                                                |
| Contacts material                            | Silver flashed copper                                                                                                                                                                                                                                                                                                            |
| Positive opening                             | Without                                                                                                                                                                                                                                                                                                                          |
| Minimum torque for tripping                  | 12 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                               | 9 ° initial<br>16 ° final                                                                                                                                                                                                                                                                                                        |
| Maximum displacement angle                   | 88 °                                                                                                                                                                                                                                                                                                                             |
| Repeat accuracy                              | +/- 0.004 in linear travel of cam on 1.5 in lever arm                                                                                                                                                                                                                                                                            |
| Contact code designation                     | A600 480 V AC 6.25 A NEMA rating designation<br>A600 240 V AC 12.5 A NEMA rating designation<br>A600 120 V AC 20 A NEMA rating designation<br>P600 600 V DC 0.2 A NEMA rating designation<br>P600 250 V DC 1 A NEMA rating designation<br>P600 120 V DC 5 A NEMA rating designation<br>A600 600 V AC 5 A NEMA rating designation |
| [Ithe] conventional enclosed thermal current | 20 A                                                                                                                                                                                                                                                                                                                             |
| [Ui] rated insulation voltage                | 600 V 3 IEC 609470-1<br>600 V 3 UL 508<br>600 V 3 CSA C22.2 No 14                                                                                                                                                                                                                                                                |
| [Uimp] rated impulse withstand voltage       | 2.5 kV AC for 1 minute CE<br>2.2 kV AC for 1 minute UL<br>2.64 kV AC for 1 minute CSA                                                                                                                                                                                                                                            |
| Short-circuit protection                     | 20 A Bussmann class CC KTK-R-21 fuse non-time delay                                                                                                                                                                                                                                                                              |
| Width                                        | 2.25 in                                                                                                                                                                                                                                                                                                                          |

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Height                        | 4.66 in                                         |
| Depth                         | 3.41 in                                         |
| Product weight                | 2.57 lb(US)                                     |
| Terminals description ISO n°1 | A (left side contact)<br>B (right side contact) |

## Environment

|                                       |                                                                                                                        |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| shock resistance                      | 30 gn 9 ms IEC 60068-2-27                                                                                              |
| vibration resistance                  | 10 gn 10...55 Hz IEC 60068-2-6                                                                                         |
| NEMA degree of protection             | NEMA 1 Nema type 250<br>NEMA 2 Nema type 250<br>NEMA 4 Nema type 250<br>NEMA 12 Nema type 250<br>NEMA 13 Nema type 250 |
| IP degree of protection               | IP67 IEC 60529                                                                                                         |
| electrical shock protection class     | Class 0 IEC 61140                                                                                                      |
| ambient air temperature for operation | -10...185 °F                                                                                                           |
| ambient air temperature for storage   | -10...185 °F                                                                                                           |
| protective treatment                  | Corrosion resistant gray paint                                                                                         |

## 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

**Вы можете приобрести в компании MosChip.**

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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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