



### Main

|                              |              |
|------------------------------|--------------|
| Range of product             | 9007         |
| Series name                  | Heavy duty   |
| Product or component type    | Limit switch |
| Device short name            | 9007AW       |
| Product specific application | Precision    |
| Body type                    | Plug-in      |

### Complementary

|                                              |                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting mode                                | Surface mounting                                                                                                                                                                                                                                                                                                           |
| Operator profile                             | Plunger head                                                                                                                                                                                                                                                                                                               |
| Material                                     | Metal                                                                                                                                                                                                                                                                                                                      |
| Body material                                | Cast zinc                                                                                                                                                                                                                                                                                                                  |
| Operator material                            | Cast zinc                                                                                                                                                                                                                                                                                                                  |
| Fixing mode                                  | By the body                                                                                                                                                                                                                                                                                                                |
| Movement of operating head                   | Linear                                                                                                                                                                                                                                                                                                                     |
| Type of operator                             | Steel spring return roller plunger with micrometer adjustment                                                                                                                                                                                                                                                              |
| Switch actuation                             | By 30° cam                                                                                                                                                                                                                                                                                                                 |
| Type of approach                             | 2 directions traverse approach                                                                                                                                                                                                                                                                                             |
| Electrical connection                        | 1...2 cables screw-clamp terminals (AWG 22...AWG 12)                                                                                                                                                                                                                                                                       |
| Cable entry                                  | 1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1                                                                                                                                                                                                                                                                       |
| Number of poles                              | 1                                                                                                                                                                                                                                                                                                                          |
| Contacts type and composition                | NC-NO, switch function: SPDT-DB                                                                                                                                                                                                                                                                                            |
| Contact form                                 | Form Z                                                                                                                                                                                                                                                                                                                     |
| Contact operation                            | Snap action                                                                                                                                                                                                                                                                                                                |
| Number of steps                              | 1                                                                                                                                                                                                                                                                                                                          |
| Contacts material                            | Silver contacts                                                                                                                                                                                                                                                                                                            |
| Positive opening                             | Without                                                                                                                                                                                                                                                                                                                    |
| Terminals description ISO n°1                | (1-2)NC<br>(3-4)NO                                                                                                                                                                                                                                                                                                         |
| Minimum force for tripping                   | 3 lbf                                                                                                                                                                                                                                                                                                                      |
| Repeat accuracy                              | +/- 0.001 in                                                                                                                                                                                                                                                                                                               |
| [Ie] rated operational current               | 6 A at 480 V AC, A600 conforming to NEMA rating designation<br>10 A at 240 V AC, A600 conforming to NEMA rating designation<br>15 A at 120 V AC, A600 conforming to NEMA rating designation<br>0.02 A at 600 V DC<br>0.2 A at 250 V DC<br>0.5 A at 125 V DC<br>5 A at 600 V AC, A600 conforming to NEMA rating designation |
| [Ithe] conventional enclosed thermal current | 15 A                                                                                                                                                                                                                                                                                                                       |
| [Ui] rated insulation voltage                | 600 V (degree of pollution: 3) conforming to UL 508 - for contact block<br>600 V conforming to CSA C22.2 No 14 - for contact block                                                                                                                                                                                         |
| Width                                        | 2.53 in                                                                                                                                                                                                                                                                                                                    |
| Height                                       | 3.68 in                                                                                                                                                                                                                                                                                                                    |
| Depth                                        | 1.44 in                                                                                                                                                                                                                                                                                                                    |
| Product weight                               | 1.25 lb(US)                                                                                                                                                                                                                                                                                                                |

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.

## Environment

|                                       |                                                                                                                                                                                              |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 12 conforming to Nema type 250<br>NEMA 13 conforming to Nema type 250 |
| IP degree of protection               | IP65 conforming to IEC 60529                                                                                                                                                                 |
| ambient air temperature for operation | 0...185 °F                                                                                                                                                                                   |
| ambient air temperature for storage   | 0...185 °F                                                                                                                                                                                   |
| protective treatment                  | Epoxy powder coat                                                                                                                                                                            |

## Offer Sustainability

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Green Premium product                                                                                                      | Green Premium product                                                                                                      |
| Compliant - since 1150 - Schneider Electric declaration of conformity                                                      | Compliant - since 1150 - Schneider Electric declaration of conformity                                                      |
| 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 |
|-----------------|-----------|



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.