



## Main

|                               |                                                                     |
|-------------------------------|---------------------------------------------------------------------|
| Range of product              | 9007                                                                |
| Series name                   | Heavy duty                                                          |
| Product or component type     | Limit switch                                                        |
| Product specific application  | Hazardous location box                                              |
| Device short name             | 9007CR                                                              |
| Body type                     | Fixed                                                               |
| Head type                     | Plunger head                                                        |
| Material                      | Metal                                                               |
| Fixing mode                   | By the body                                                         |
| Movement of operating head    | Linear                                                              |
| Type of operator              | Stainless steel spring return plunger (adjustable)                  |
| 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 1/2" - 14 NPT conforming to ANSI B1.20.1                |
| Number of poles               | 2                                                                   |
| Contacts type and composition | 2(NC-NO)                                                            |
| Contact operation             | Snap action                                                         |
| Positive opening              | Without                                                             |
| Level or class                | Class I Division 1 Groups B/C/D<br>Class II Division 1 Groups E/F/G |
| Sale per indivisible quantity | 1                                                                   |

## Complementary

|                                              |                                                                                                                                                                                                                                                                          |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body material                                | Aluminium                                                                                                                                                                                                                                                                |
| Head material                                | Zinc                                                                                                                                                                                                                                                                     |
| Function available                           | 2 stages sequential                                                                                                                                                                                                                                                      |
| Switch function                              | 2 SPDT-DB                                                                                                                                                                                                                                                                |
| Contact form                                 | Form Z                                                                                                                                                                                                                                                                   |
| 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                 | 2.72 in         |
| Height                | 7.11 in         |
| Depth                 | 2.08 in         |
| Product weight        | 2.5 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 hazardous location                                                                                                                                                                                                                                        |
| 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 |
|-----------------|-----------|

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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