



## Main

|                           |                              |
|---------------------------|------------------------------|
| Range of product          | Harmony XAC                  |
| Product or component type | Contact block                |
| Component name            | XESD                         |
| Electrical circuit type   | Control circuit              |
| Contact block application | Single speed                 |
| Contact block type        | Double                       |
| Type of operator          | 2 spring return              |
| Product compatibility     | XACB<br>XACM                 |
| Mechanical interlocking   | With mechanical interlocking |
| Mounting of block         | Front mounting               |
| Contact operation         | Snap action                  |

## Complementary

|  |   |
|--|---|
| Connections - terminals                                  | Screw clamp terminals, connection capacity: 1 x 2.5 mm <sup>2</sup> with or without cable end<br>Screw clamp terminals, connection capacity: 2 x 1.5 mm <sup>2</sup> with or without cable end  |
| Mechanical durability                                    | 1000000 cycles  |
| Contact code designation                                 | A300 AC-15, U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A conforming to IEC 60947-5-1 appendix A<br>Q300 DC-13, U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A conforming to IEC 60947-5-1 appendix A   |
| [I <sub>th</sub> ] conventional enclosed thermal current | 10 A  |
| [U <sub>i</sub> ] rated insulation voltage               | 500 V (degree of pollution: 3) conforming to IEC 60947-1  |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 6 kV conforming to IEC 60947-1  |
| Resistance across terminals                              | <= 25 MOhm  |
| Operating force  | 15 N<br>25 N  |
| Short-circuit protection                                 | 10 A fuse protection by cartridge fuse type gG  |
| Rated operational power in W                             | 140 W DC-13 for 1000000 cycles, operating rate = 60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C<br>140 W DC-13 for 1000000 cycles, operating rate = 60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C<br>95 W DC-13 for 1000000 cycles, operating rate = 60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C                               |
| Rated operational power in VA                            | 100 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 48 V 50/60 Hz, load factor = 0.5 (inductive load)<br>450 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 127 V 50/60 Hz, load factor = 0.5 (inductive load)<br>50 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 24 V 50/60 Hz, load factor = 0.5 (inductive load)<br>750 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 230 V 50/60 Hz, load factor = 0.5 (inductive load) |
| Terminals description ISO n°1                            | (13-14-11-12)OF<br>B  |
| Terminals description ISO n°2                            | (23-24-21-22)OF<br>B  |
| Terminal identifier                                      | (11-12)NC<br>(13-14)NO  |
| Product weight   | 0.31 lb(US) (0.14 kg)   |

## Environment

|                                       |  |
|---------------------------------------|--|
| standards                             | EN 60947-5-1<br>IEC 60947-5-1<br>CSA C22.2 No 14 |
| ambient air temperature for operation | -13...158 °F (-25...70 °C)                       |
| ambient air temperature for storage   | -40...158 °F (-40...70 °C)                       |

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.

|                                   |   |
|-----------------------------------|---|
| vibration resistance              | 15 gn (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| shock resistance                  | 100 gn conforming to IEC 60068-2-27                 |
| electrical shock protection class | Class II conforming to IEC 61140                    |

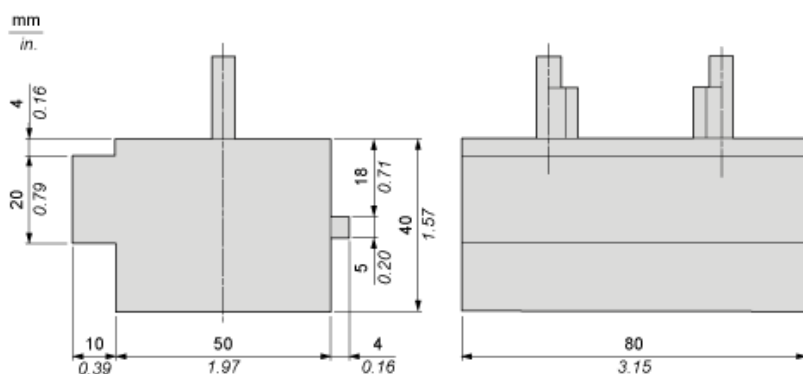
## Offer Sustainability

|  |  |
|--|--|
| WARNING: This product can expose you to chemicals including:   | WARNING: This product can expose you to chemicals including:   |
| Nickel compounds, which is known to the State of California to cause cancer, and   | Nickel compounds, 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>                              |

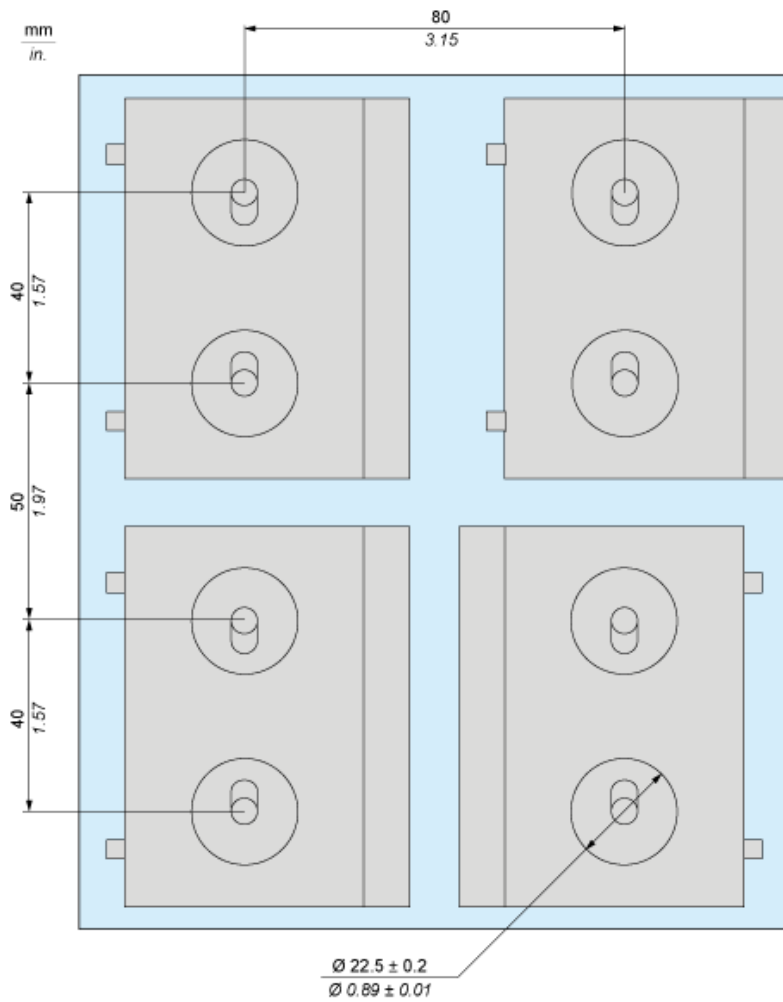
## Contractual warranty

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

## Dimensions



## Mounting



## Rated Operational Power

### AC Supply 50/60 Hz

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Power broken in VA for 1 million operating cycles, AC-15 utilization category

| Voltage           | V | 24 | 48  | 127 | 230 |
|-------------------|---|----|-----|-----|-----|
| Inductive circuit | W | 50 | 100 | 450 | 750 |

### DC Supply

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Power broken in W for 1 million operating cycles, DC-13 utilization category

| Voltage           | V | 24  | 48  | 120 |
|-------------------|---|-----|-----|-----|
| Inductive circuit | W | 140 | 140 | 95  |



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

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