# Product datasheet

Specifications


## spring return contact block - 2 NC - front mounting, 30 or 40 mm centres

XENC1141

**EAN Code: 3389110643060**

## Main

| | |
|---|---|
| **Range of product** | Harmony XAC |
| **Product or component type** | Contact block |
| **Component name** | XENC |
| **Electrical circuit type** | Control circuit |
| **Contact block application** | Single speed |
| **Contact block type** | Single |
| **Type of operator** | Spring return |
| **Product compatibility** | XACM<br>XACB |
| **Mechanical interlocking** | Without mechanical interlock |
| **Contacts type and composition** | 2 NC |
| **Mounting of block** | Front mounting |
| **Contact operation** | Slow-break |

## Complementary

| | |
|---|---|
| **Connections - terminals** | Screw clamp terminals, 1 x 2.5 mm² with or without cable end<br>Screw clamp terminals, 2 x 1.5 mm² with or without cable end |
| **Mechanical durability** | 1000000 cycles |
| **Contact code designation** | A300 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A<br>Q300 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A |
| **[Ithe] conventional enclosed thermal current** | 10 A |
| **[Ui] rated insulation voltage** | 500 V (pollution degree 3) conforming to IEC 60947-1 |
| **[Uimp] rated impulse withstand voltage** | 6 kV conforming to IEC 60947-1 |
| **Maximum resistance across terminals** | 25 MOhm |
| **Short-circuit protection** | 10 A fuse protection by cartridge fuse type gG |
| **Rated operational power in W** | 42 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<br>45 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>60 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 |

| | |
|---|---|
| **Rated operational power in VA** | 140 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 24 V 50/60 Hz, load factor = 0.5 (inductive load)<br>385 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 48 V 50/60 Hz, load factor = 0.5 (inductive load)<br>455 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 230 V 50/60 Hz, load factor = 0.5 (inductive load)<br>525 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 127 V 50/60 Hz, load factor = 0.5 (inductive load) |
| **Terminals description ISO n°1** | (21-22)NC<br>(11-12)NC |
| **Terminal identifier** | (13-14)NO<br>(11-12)NC |
| **Net weight** | 0.02 kg |

## Environment

| | |
|---|---|
| **Standards** | CSA C22.2 No 14<br>IEC 60947-5-1<br>EN 60947-5-1 |
| **Ambient air temperature for operation** | -25…70 °C |
| **Ambient air temperature for storage** | -40…70 °C |
| **Vibration resistance** | 15 gn (f= 10…500 Hz) conforming to IEC 60068-2-6 |
| **Shock resistance** | 100 gn conforming to IEC 60068-2-27 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 3.5 cm |
| **Package 1 Width** | 4.0 cm |
| **Package 1 Length** | 6.0 cm |
| **Package 1 Weight** | 28.0 g |
| **Unit Type of Package 2** | S01 |
| **Number of Units in Package 2** | 10 |
| **Package 2 Height** | 15.0 cm |
| **Package 2 Width** | 15.0 cm |
| **Package 2 Length** | 40.0 cm |
| **Package 2 Weight** | 374.0 g |

## Logistical informations

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|---|---|
| **Country of origin** | CZ |

## Contractual warranty

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|---|---|
| **Warranty** | 18 months |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Use Better

#### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | **Pro-active compliance (Product out of EU RoHS legal scope)** |
| REACh Regulation | **REACh Declaration** |

### Use Again

#### Repack and remanufacture

| | |
|---|---|
| Take-back | **No** |
| WEEE | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |

## Performance Curves

### 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 | 140 | 385 | 525 | 455 |

#### 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 | 60 | 45 | 42 |