

# Product data sheet

## Characteristics

# XACS102

Harmony XAC, Single contact block, spring return, screw clamp terminal, 1 NC



### Main

|                               |                 |
|-------------------------------|-----------------|
| Range of product              | Harmony XAC     |
| Product or component type     | Contact block   |
| Component name                | XACS            |
| Electrical circuit type       | Control circuit |
| Contact block type            | Single          |
| Type of operator              | Spring return   |
| Product compatibility         | XACA            |
| Contacts type and composition | 1 NC            |
| Mounting of block             | Base mounting   |
| Contact operation             | Slow-break      |

### Complementary

|  |  |
|--|--|
| Connections - terminals                      | Screw clamp terminals, 1 x 0.5...1 x 2.5 mm <sup>2</sup> without cable end<br>Screw clamp terminals, 1 x 0.5...2 x 1.5 mm <sup>2</sup> with cable end  |
| Mechanical durability                        | 1000000 cycles   |
| Contact code designation                     | A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A<br>A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A<br>Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A<br>Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A  |
| [Ithe] conventional enclosed thermal current | 10 A   |
| [Ui] rated insulation voltage                | 600 V (pollution degree 3) conforming to IEC 60947-1   |
| [Uiimp] rated impulse withstand voltage      | 6 kV IEC 60947-1   |
| Maximum resistance across terminals          | 25 MΩ  |
| Operating force                              | 8 N  |
| Short-circuit protection                     | 10 A fuse protection by cartridge fuse type gG   |
| Rated operational power in W                 | 40 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>48 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>65 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 |
| Terminals description ISO n°1                | (11-12)NC  |

### Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>UL 508      |
| 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                |
| Overvoltage category                  | Class II conforming to IEC 61140                   |

### Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.038 kg |
| Package 1 Height | 0.500 dm |
| Package 1 width  | 0.600 dm |
| Package 1 Length | 0.800 dm |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| REACH Regulation           |  <a href="#">REACH Declaration</a>  |
| REACH free of SVHC         | Yes  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes  |
| Mercury free               | Yes  |
| RoHS exemption information |  <a href="#">Yes</a>  |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins  |

## Contractual warranty

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