

# XENG1191

Harmony XAC, Single contact block, spring return, 2-speed, spring return, front mounting, 2 NO + 1 NC



## Main

|                               |                         |
|-------------------------------|-------------------------|
| Range of product              | Harmony XAC             |
| Product or component type     | Contact block           |
| Component name                | XENG                    |
| Electrical circuit type       | Control circuit         |
| Contact block application     | 2-speed                 |
| Contact block type            | Single                  |
| Type of operator              | Spring return           |
| Product compatibility         | XACA<br>XACA9...head    |
| Contacts type and composition | 1 NC + 2 NO             |
| Mounting of block             | Front mounting          |
| Contact operation             | Slow-break<br>Staggered |

## 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, U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A conforming to IEC 60947-5-1 appendix A<br>A600 AC-15, U <sub>e</sub> = 600 V, I <sub>e</sub> = 1.2 A conforming to IEC 60947-5-1 appendix A<br>Q600 DC-13, U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A conforming to IEC 60947-5-1 appendix A<br>Q600 DC-13, U <sub>e</sub> = 600 V, I <sub>e</sub> = 0.1 A conforming to IEC 60947-5-1 appendix A |
| [I <sub>the</sub> ] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                                                                                                                                            |
| [U <sub>i</sub> ] rated insulation voltage                | 600 V (pollution degree 3) conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                                                                            |
| [U <sub>imp</sub> ] rated impulse withstand voltage       | 6 kV IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                                |
| Maximum resistance across terminals                       | 25 MOhm                                                                                                                                                                                                                                                                                                                                                                                                         |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating force               | 18 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 | (21-22)NC<br>(33-34)NO_CL<br>(13-14)NO                                                                                                                                                                                                                                                                                                                                                                                                     |
| Net weight                    | 0.04 kg                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Environment

|                                       |                                                    |
|---------------------------------------|----------------------------------------------------|
| Standards                             | UL 508<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14      |
| 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

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 42 g    |
| Package 1 Height             | 3 cm    |
| Package 1 width              | 4 cm    |
| Package 1 Length             | 5.5 cm  |
| Unit Type of Package 2       | S02     |
| Number of Units in Package 2 | 100     |
| Package 2 Weight             | 4.55 kg |
| Package 2 Height             | 15 cm   |
| Package 2 width              | 30 cm   |
| Package 2 Length             | 40 cm   |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| 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)<br><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>                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</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 |
|----------|-----------|