

Product data sheet

Specifications



Double contact block, Harmony XAC, spring return, front mounting, 2 speed CO+N O staggered

XESD1281

Main

| | |
|-------------------------------|------------------------------|
| Range of product | Harmony XAC |
| Product or component type | Contact block |
| Component name | XESD |
| Electrical circuit type | Control circuit |
| Contact block application | 2-speed |
| Contact block type | Double |
| Type of operator | 2 spring return |
| Product compatibility | XACB XACM |
| Mechanical interlocking | With mechanical interlocking |
| Contacts type and composition | 1 C/O + 1 NO |
| Mounting of block | Front mounting |
| Contact operation | Staggered Snap action |

Complementary

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|--|--|
| Connections - terminals | Screw clamp terminals, 1 x 2.5 mm ² with or without cable end Screw clamp terminals, 2 x 1.5 mm ² with or without cable end |
| Mechanical durability | 1000000 cycles |
| Contact code designation | A300 AC-15, U _e = 240 V, I _e = 3 A conforming to IEC 60947-5-1 appendix A Q300 DC-13, U _e = 250 V, I _e = 0.27 A conforming to IEC 60947-5-1 appendix A |
| [I _{th}] conventional enclosed thermal current | 10 A |
| [U _i] rated insulation voltage | 500 V (pollution degree 3) conforming to IEC 60947-1 |
| [U _{imp}] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 |
| Maximum resistance across terminals | 25 MOhm |
| Operating force | 15 N 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 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 |

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

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|--------------------------------------|---|
| 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) 450 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 127 V 50/60 Hz, load factor = 0.5 (inductive load) 50 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 24 V 50/60 Hz, load factor = 0.5 (inductive load) 750 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 230 V 50/60 Hz, load factor = 0.5 (inductive load) |
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|--------------------------------------|--------------------------------------|
| Terminals description ISO n°1 | B (33-34)NO_CL (13-14-11-12)OF |
|--------------------------------------|--------------------------------------|

| | |
|--------------------------------------|--------------------------------------|
| Terminals description ISO n°2 | (43-44)NO_CL (23-24-21-22)OF B |
|--------------------------------------|--------------------------------------|

| | |
|----------------------------|------------------------|
| Terminal identifier | (13-14)NO (11-12)NC |
|----------------------------|------------------------|

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|-----------------------|---------|
| Product weight | 0.19 kg |
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Environment

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|------------------|--|
| Standards | CSA C22.2 No 14 IEC 60947-5-1 EN 60947-5-1 |
|------------------|--|

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|--|-------------|
| Ambient air temperature for operation | -25...70 °C |
|--|-------------|

| | |
|--|-------------|
| Ambient air temperature for storage | -40...70 °C |
|--|-------------|

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|-----------------------------|--|
| Vibration resistance | 15 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 |
|-----------------------------|--|

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|-------------------------|-------------------------------------|
| Shock resistance | 100 gn conforming to IEC 60068-2-27 |
|-------------------------|-------------------------------------|

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|--|----------------------------------|
| Electrical shock protection class | Class II conforming to IEC 61140 |
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Packing Units

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|-------------------------------|-----|
| Unit Type of Package 1 | PCE |
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|-------------------------------------|---|
| Number of Units in Package 1 | 1 |
|-------------------------------------|---|

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|-------------------------|--------|
| Package 1 Height | 7.0 cm |
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| | |
|------------------------|--------|
| Package 1 Width | 7.0 cm |
|------------------------|--------|

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|-------------------------|--------|
| Package 1 Length | 9.0 cm |
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|-------------------------|---------|
| Package 1 Weight | 185.0 g |
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| Unit Type of Package 2 | S03 |
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|-------------------------------------|----|
| Number of Units in Package 2 | 42 |
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| Package 2 Height | 30.0 cm |
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|------------------------|---------|
| Package 2 Width | 30.0 cm |
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|-------------------------|---------|
| Package 2 Length | 40.0 cm |
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| Package 2 Weight | 8.358 kg |
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Offer Sustainability

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|-------------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
|-------------------------|-----------------------------------|

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|---------------------------|-----|
| REACH free of SVHC | Yes |
|---------------------------|-----|

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| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
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|-------------------------------|-----|
| Toxic heavy metal free | Yes |
|-------------------------------|-----|

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|---------------------|-----|
| Mercury free | Yes |
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|-----------------------------------|--|
| China RoHS Regulation | China RoHS declaration |
| RoHS exemption information | Yes |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| California proposition 65 | WARNING: This product can expose you to chemicals including: 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. For more information go to www.P65Warnings.ca.gov |

Contractual warranty

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

Recommended replacement(s)

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