

## Main

|                               |                           |
|-------------------------------|---------------------------|
| Range of product              | Harmony XPE               |
| Product or component type     | Foot switch               |
| Material                      | Metal                     |
| Foot switch type              | Single foot switch        |
| Device short name             | XPEM                      |
| Trigger mechanism             | Without trigger mechanism |
| Contact operation             | 1 step                    |
| Contacts type and composition | 1 NC + 1 NO               |
| Colour                        | Blue                      |

## Complementary

|  |   |
|--|---|
| Positive opening                       | With conforming to EN/IEC 60947-5-1 appendix K  |
| Connections - terminals                | Screw clamp terminal, $\leq 1 \times 2.5 \text{ mm}^2$ with or without cable end<br>Screw clamp terminal, $\leq 2 \times 1.5 \text{ mm}^2$ with or without cable end  |
| Cable entry                            | 2 entries tapped for Pg 16 cable gland  |
| Mechanical durability                  | 15000000 cycles   |
| [Ie] rated operational current         | 3 A, 240 V, AC-15, A300<br>0.27 A, 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A   |
| [Ui] rated insulation voltage          | 500 V (pollution degree 3) conforming to EN/IEC 60947-1<br>500 V (pollution degree 3) conforming to NF C 20-040 group C<br>500 V (pollution degree 3) conforming to VDE 0110 group C<br>300 V conforming to UL 508<br>300 V conforming to CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 6 kV EN/IEC 60947-1   |
| Maximum resistance across terminals    | 25 MOhm conforming to IEC 60255-7 category 3<br>25 MOhm conforming to NF C 93-050 method A  |
| Short-circuit protection               | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1<br>10 A cartridge fuse type gG conforming to VDE 0660-200  |

Disclaimer: 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

|                              |  |
|------------------------------|--|
| Rated operational power in W | 10 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 24 V, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>4 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 120 V, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>7 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 48 V, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Net weight                   | 1.2 kg   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | VDE 0660-200<br>EN/IEC 60947-5-1  |
| Product certifications                | FIMKO<br>CSA  |
| Protective treatment                  | TC  |
| 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                      | 150 gn conforming to NF E 09-031<br>20 gn conforming to IEC 60068-2-27  |
| Overvoltage category                  | Class I conforming to EN/IEC 61140<br>Class I conforming to NF C 20-030 |
| IP degree of protection               | IP66 conforming to IEC 60529  |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 1.36 kg |
| Package 1 Height             | 8.6 cm  |
| Package 1 width              | 12 cm   |
| Package 1 Length             | 18.6 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 |
|----------|-----------|

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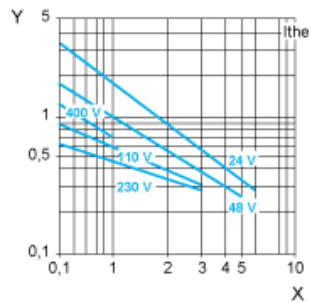
Electrical Durability of Contacts

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AC-15 Utilization Category

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

Inductive circuit:



X Current in A  
Y Millions of operating cycles

DC-13 Utilization Category

Refer to the product characteristic "Operational power in W".