

# Product datasheet

Specifications



Single foot switch, Harmony XPE,  
metal, blue, with cover, 1 step, 2  
contacts 1NC+NO, IP66

XPEM311

## Main

|                               |                           |
|-------------------------------|---------------------------|
| Range Of Product              | Harmony XPE               |
| Product Or Component Type     | Foot switch               |
| Material                      | Metal                     |
| Foot Switch Type              | Single foot switch        |
| Device Short Name             | XPEM                      |
| Provided Equipment            | Cover                     |
| Trigger Mechanism             | Without trigger mechanism |
| Contact Operation             | 1 step                    |
| Contacts Type And Composition | 2 NC + NO                 |
| Colour                        | Blue                      |

## Complementary

|  |  |
|--|--|
| Positive Opening                       | With conforming to EN/IEC 60947-5-1 appendix K   |
| Connections - Terminals                | Screw clamp terminal, <= 1 x 2.5 mm² with or without cable end<br>Screw clamp terminal, <= 2 x 1.5 mm² 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 conforming to 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   |
| 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                             | 2.42 kg  |

## Environment

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

|                                       |   |
|---------------------------------------|---|
| Standards                             | NF E 09-031   |
| 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<br>IP669 conforming to NF C 20-010         |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 22.100 cm |
| Package 1 Width              | 22.000 cm |
| Package 1 Length             | 22.000 cm |
| Package 1 Weight             | 2.478 kg  |
| Unit Type Of Package 2       | P06       |
| Number Of Units In Package 2 | 30        |
| Package 2 Height             | 75.000 cm |
| Package 2 Width              | 60.000 cm |
| Package 2 Length             | 80.000 cm |
| Package 2 Weight             | 88.720 kg |

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

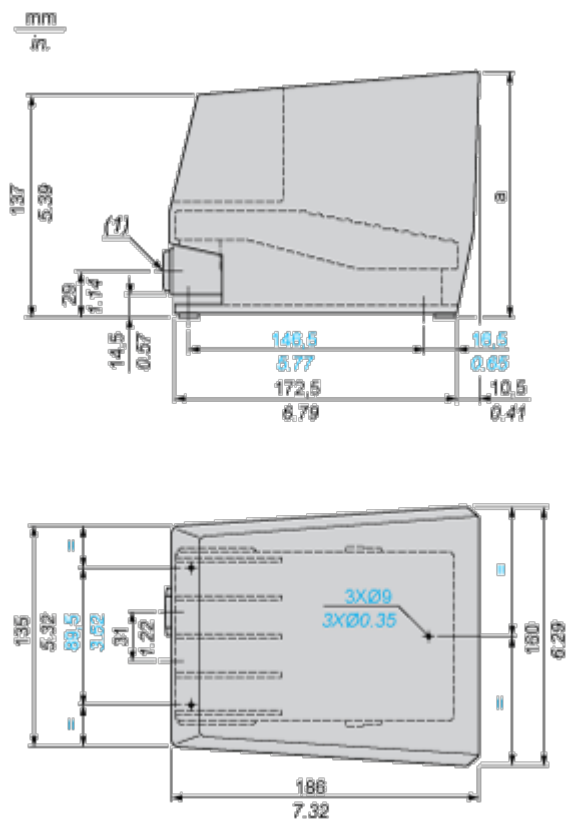
## Well-being performance

|                       |   |     |
|-----------------------|---|-----|
| ✓                     | Reach Free Of Svhc  |     |
| ✓                     | Toxic Heavy Metal Free  |     |
| ✓                     | Mercury Free  |     |
| ✓                     | Rohs Exemption Information  | Yes |
|                       |   |     |
| Reach Regulation      | REACH Declaration   |     |
| Eu Rohs Directive     | Pro-active compliance (Product out of EU RoHS legal scope)<br>EU RoHS Declaration   |     |
| China Rohs Regulation | China RoHS declaration  |     |
| Weee                  | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |     |

Dimensions Drawings

Single Pedal Metal Foot Switch with Protective Cover

Dimensions



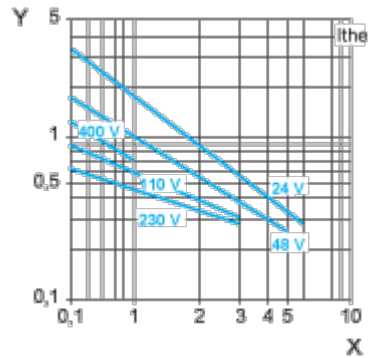
(1) 2 tapped entries for n° 16 (Pg 16) cable gland. For ISO M20, use adaptor DE9RA620.

Performance Curves

Electrical Durability of Contacts

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”.