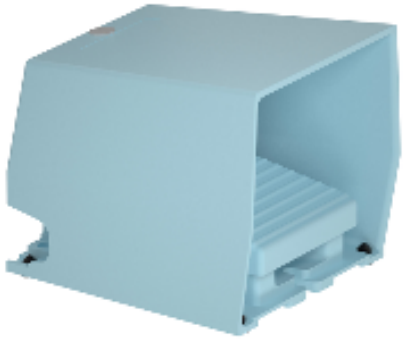
# Product data sheet
## Characteristics

# XPEM510
Single foot switch, Harmony XPE, metal, blue, with cover, trigger mechanism, 1 step, 1 contact 1NC+NO, IP66



## 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 | With trigger mechanism |
| Contact operation | 1 step |
| Contacts type and composition | 1 NC + 1 NO |
| Colour | Blue |

## Complementary

| | |
|---|---|
| Positive opening | With conforming to 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 IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 500 V (pollution degree 3) conforming to 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 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 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 I<br>4 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 120 V, load factor: 0.5 conforming to<br>7 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 48 V, load factor: 0.5 conforming to IE |
| Net weight | 2.57 Kg |

## Environment

| | |
|---|---|
| Standards | NF E 09-031 |
| Product certifications | CSA[RETURN]FIMKO |
| 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 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 Height | 21.200 Cm |
| Package 1 Width | 21.500 Cm |
| Package 1 Length | 21.500 Cm |
| Package 1 Weight | 2.649 Kg |
| Unit Type of Package 2 | S06 |
| 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 | 93.070 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 13 |
| Total lifecycle Carbon footprint | 19 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 17.2561291857 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 17 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.3360733956 |
| Carbon footprint of the distribution phase [A4] | 0.3 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.4102094808 |
| Carbon footprint of the installation phase [A5] | 0.4 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 |
| REACh free of SVHC | Yes |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 1.0759362398 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 1 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 19 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

| | |
|---|---|
| Product Life Status : | Commercialised |