

# XPEM611

single foot switch - IP66 - with cover - metallic - blue - 2 NC + 2 NO



## Main

|                               |                           |
|-------------------------------|---------------------------|
| Range of product              | Harmony XPE               |
| Product or component type     | Foot switch               |
| Material                      | Metal                     |
| Foot switch type              | Single foot switch        |
| Device short name             | XPEM                      |
| Protective cover              | With                      |
| Trigger mechanism             | Without trigger mechanism |
| Contacts operation            | 2 steps                   |
| Contacts type and composition | 2 NC + NO                 |
| Colour                        | Blue                      |

## Complementary

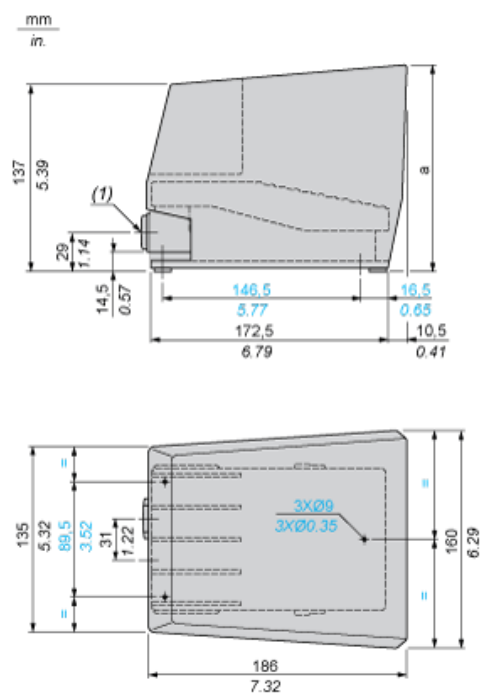
|                                        |                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Positive opening                       | With conforming to EN/IEC 60947-5-1 appendix K                                                                                                                                                                                                                                                                                                                               |
| Connections - terminals                | Screw clamp terminal: $\leq 2 \times 1.5 \text{ mm}^2$ with or without cable end<br>Screw clamp terminal: $\leq 1 \times 2.5 \text{ mm}^2$ with or without cable end                                                                                                                                                                                                         |
| Cable entry                            | 2 entries tapped for Pg 16 cable gland                                                                                                                                                                                                                                                                                                                                       |
| Mechanical durability                  | 15000000 cycles                                                                                                                                                                                                                                                                                                                                                              |
| [Ie] rated operational current         | 0.27 A, 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A<br>3 A, 240 V, AC-15, A300                                                                                                                                                                                                                                                                              |
| [Ui] rated insulation voltage          | 500 V, degree of pollution: 3 conforming to VDE 0110 group C<br>500 V, degree of pollution: 3 conforming to NF C 20-040 group C<br>500 V, degree of pollution: 3 conforming to EN/IEC 60947-1<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                                                                                                                                                                                                                                                                                                                                            |
| Resistance across terminals            | $\leq 25 \text{ m}\Omega$ conforming to NF C 93-050 method A<br>$\leq 25 \text{ m}\Omega$ conforming to IEC 60255-7 category 3                                                                                                                                                                                                                                               |
| Short circuit protection               | 10 A by cartridge fuse type gG conforming to VDE 0660-200<br>10 A by cartridge fuse type gG conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                   |
| Operational power in W                 | 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<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>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 |
| Product weight                         | 2.42 kg                                                                                                                                                                                                                                                                                                                                                                      |

## Environment

|                                            |                                                                         |
|--------------------------------------------|-------------------------------------------------------------------------|
| Standards                                  | NF E 09-031                                                             |
| Product certifications                     | CSA<br>FIMKO                                                            |
| Protective treatment                       | TC                                                                      |
| Ambient air temperature for operation      | -25...70 °C                                                             |
| Ambient air temperature for storage        | -40...70 °C                                                             |
| Vibration resistance                       | 15 gn ( $f = 10...500 \text{ Hz}$ ) conforming to IEC 60068-2-6         |
| Shock resistance                           | 20 gn conforming to IEC 60068-2-27<br>150 gn conforming to NF E 09-031  |
| Class of protection against electric shock | Class I conforming to NF C 20-030<br>Class I conforming to EN/IEC 61140 |
| IP degree of protection                    | IP669 conforming to NF C 20-010<br>IP66 conforming to IEC 60529         |

Single Pedal Metal Foot Switch with Protective Cover

Dimensions



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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".