



## Main

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

## 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                         | 1.2 kg   |

## Environment

|  |   |
|--|---|
| Standards                                  | EN/IEC 60947-5-1<br>VDE 0660-200  |
| 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 ( $f = 10 \dots 500 \text{ Hz}$ ) 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                    | IP66 conforming to IEC 60529  |

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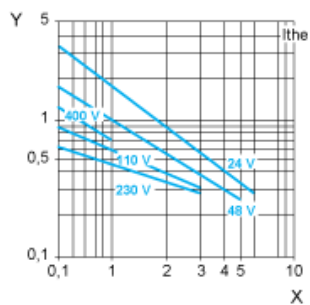
Electrical Durability of Contacts

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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".