

# XPEB510

Single foot switch, Harmony XPE, plastic, 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                      | Plastic                |
| Foot switch type              | Single foot switch     |
| Device short name             | XPEB                   |
| Provided Equipment            | Cover                  |
| Trigger mechanism             | With trigger mechanism |
| Contact operation             | 1 step                 |
| Contacts type and composition | 1 NC + 1 NO            |
| Color                         | Blue                   |

## Complementary

|                                        |                                                                                                                                                                                                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Positive opening                       | With EN/IEC 60947-5-1 appendix K                                                                                                                                                                                                      |
| Connections - terminals                | Screw clamp terminal, <= 1 x 2.5 mm <sup>2</sup> with or without cable end<br>Screw clamp terminal, <= 2 x 1.5 mm <sup>2</sup> with or without cable end                                                                              |
| Mechanical durability                  | 10000000 cycles                                                                                                                                                                                                                       |
| [Ie] rated operational current         | 3 A, 240 V, AC-15, A300<br>0.27 A, 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A                                                                                                                                                     |
| [Ui] rated insulation voltage          | 500 V 3)EN/IEC 60947-1<br>500 V 3)NF C 20-040 group C<br>500 V 3)VDE 0110 group C<br>300 VUL 508<br>300 VCSA C22.2 No 14                                                                                                              |
| [Uimp] rated impulse withstand voltage | 6 kV EN/IEC 60947-1                                                                                                                                                                                                                   |
| Maximum resistance across terminals    | 25 MOhm IEC 60255-7 category 3<br>25 MOhm NF C 93-050 method A                                                                                                                                                                        |
| Short-circuit protection               | 10 A cartridge fuse gG EN/IEC 60947-5-1<br>10 A cartridge fuse gG VDE 0660-200                                                                                                                                                        |
| Rated operational power in W           | 10 W DC-13 60 cyc/mn, 5000000 cycles, 24 V 0.5 EN/IEC 60947-5-1 appendix C<br>4 W DC-13 60 cyc/mn, 5000000 cycles, 120 V 0.5 EN/IEC 60947-5-1 appendix C<br>7 W DC-13 60 cyc/mn, 5000000 cycles, 48 V 0.5 EN/IEC 60947-5-1 appendix C |
| Net Weight                             | 1.54 lb(US) (0.7 kg)                                                                                                                                                                                                                  |

## Environment

|                                       |                                               |
|---------------------------------------|-----------------------------------------------|
| Standards                             | NF E 09-031                                   |
| Product Certifications                | CSA[RETURN]JUL                                |
| Protective treatment                  | TH                                            |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C)                    |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                    |
| Vibration resistance                  | 5 gn 10...500 Hz)IEC 60068-2-6                |
| Shock resistance                      | 30 gn IEC 60068-2-27                          |
| Overvoltage category                  | Class II EN/IEC 61140<br>Class II NF C 20-030 |
| IP degree of protection               | IP66 conforming to IEC 60529                  |

## Packing Units

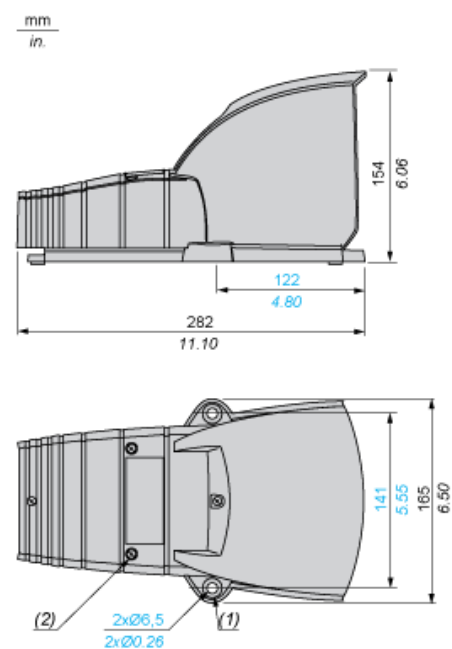
|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 6.69 in (17.000 cm)      |
| Package 1 Width              | 6.77 in (17.200 cm)      |
| Package 1 Length             | 11.22 in (28.500 cm)     |
| Package 1 Weight             | 34.32 oz (973.000 g)     |
| Unit Type of Package 2       | S04                      |
| Number of Units in Package 2 | 6                        |
| Package 2 Height             | 11.81 in (30.000 cm)     |
| Package 2 Width              | 15.75 in (40.000 cm)     |
| Package 2 Length             | 23.62 in (60.000 cm)     |
| Package 2 Weight             | 14.63 lb(US) (6.635 kg)  |
| Unit Type of Package 3       | P06                      |
| Number of Units in Package 3 | 24                       |
| Package 3 Height             | 29.53 in (75.000 cm)     |
| Package 3 Width              | 23.62 in (60.000 cm)     |
| Package 3 Length             | 31.50 in (80.000 cm)     |
| Package 3 Weight             | 84.28 lb(US) (38.228 kg) |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>               |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                        |
| Mercury free               | Yes                                                                                                                               |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        | No need of specific recycling operations                                                                                          |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.      |

Plastic Foot Switch with Protective Cover

Dimensions



- (1) Ø 16 x 4 counterbored hole.  
(2) 4 cover fixing screws: stainless steel. Tightening torque: 1 N.m.

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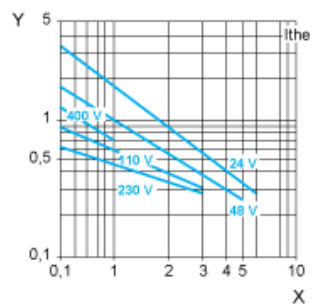
## Electrical Durability of Contacts

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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".