Product data sheet

XB7EV03MP
round pilot light Ø 22 - green - integral LED - 230 V - screw clamp terminals

Main
- Range of product: Harmony XB7
- Product or component type: Monolithic pilot light
- Device short name: XB7
- Mounting diameter: 22 mm
- Sale per indivisible quantity: 10
- Shape of signaling unit head: Round
- Cap/Operator or lens colour: Green
- Light source: LED
- Bulb base: Integral LED

[Us] rated supply voltage: 230...240 V AC, 50/60 Hz

Complementary

Height: 29 mm
Width: 29 mm
Depth: 54 mm

Terminals description ISO n°1: (X1-X2)PL
Product weight: 0.02 kg
Device mounting: Fixing hole: Ø 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-5-1
Fixing center: >= 30 x 40 mm on support panel, plastic, thickness: 2...6 mm
Fixing mode: Fixing nut beneath head recommended torque: 2.2 N.m (+/- 0.2 N.m)
Connections - terminals: Screw clamp terminals: 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1
Screw clamp terminals: <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1
Tightening torque: 0.8...1.2 N.m conforming to EN 60947-1
Shape of screw head: Slotted head compatible with flat Ø 5.5 mm screwdriver
Slotted head compatible with flat Ø 4 mm screwdriver
Cross head compatible with pozidriv No 1 screwdriver
Cross head compatible with Philips no 1 screwdriver
Cross head compatible with JIS No 1 screwdriver

[Ui] rated insulation voltage: 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage: 6 kV conforming to EN/IEC 60947-1
Signalling type: Steady
Supply voltage limits: 195...264 V AC
Current consumption: 16...20 mA
Service life: 70000 h at rated voltage and 25 °C

Environment

Protective treatment: TH
Ambient air temperature for storage: -40...70 °C
Ambient air temperature for operation: -25...70 °C
Class of protection against electric shock: Class II conforming to IEC 60536
IP degree of protection: IP65 (front face) conforming to IEC 60529
IP20 (rear face) conforming to IEC 60529
| NEMA degree of protection | NEMA 12 conforming to UL 50 E  
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<td>NEMA 4 conforming to UL 50 E</td>
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| Standards                | EN/IEC 60947-1  
|                          | EN/IEC 60947-5-1  
|                          | JIS C 4520  
|                          | UL 508  
|                          | CSA C22.2 No 14  |
| Vibration resistance     | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance         | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Electromagnetic emission | Class B conforming to EN 55011 |
Pilot Light with Screw Terminal

Dimensions

- Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).
Mounting

Diameter of Finished Fixing Holes

(1) Minimum value.
(2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
(3) Standard value: $\varnothing$ 22.3 (0; + 0.4) mm/$\varnothing$ 0.88 (0; + 0.02) in.

Faston Clip Connection

“U” Type Tag Connection

(1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
(2) M3 screw clamp terminal.
Wiring Diagram

(1) LED

X1

X2