



## 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     | 120 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<br>>= 30 x 40 mm on support panel, metal, thickness: 1...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<br>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<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Cross head compatible with Philips no 1 screwdriver<br>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                  | 100...132 V AC                                                                                                                                                                                                                                                                   |
| Current consumption                    | 18...21 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<br>IP20 (rear face) conforming to IEC 60529 |

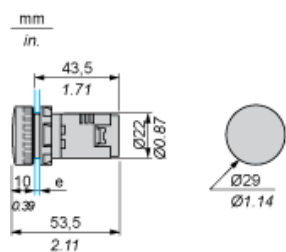
|                           |                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------|
| NEMA degree of protection | NEMA 12 conforming to UL 50 E<br>NEMA 4 conforming to UL 50 E                         |
| Standards                 | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>JIS C 4520<br>UL 508<br>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                                                        |

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Pilot Light with Screw Terminal

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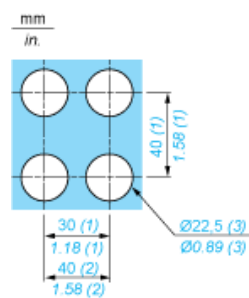
Dimensions



e 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).

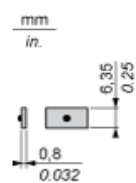
## Mounting

### Diameter of Finished Fixing Holes

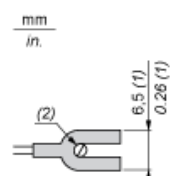


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

### 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.

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Wiring Diagram

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