



### Main

|                               |                          |
|-------------------------------|--------------------------|
| Range of product              | Harmony XB7              |
| Product or component type     | 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   | Blue                     |
| Light source                  | LED                      |
| Bulb base                     | Integral LED             |
| [Us] rated supply voltage     | 230...240 V AC, 50/60 Hz |
| Device presentation           | Monolithic product       |

### 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, metal, thickness: 1...6 mm<br>>= 30 x 40 mm on support panel, plastic, thickness: 2...6 mm                                                                                                                                                       |
| Fixing mode                            | Fixing nut beneath head recommended torque: 2...2.4 N.m                                                                                                                                                                                                                          |
| Connections - terminals                | Screw clamp terminals : <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals : 1 x 0.22...2 x 2.5 mm² without 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                    | Cross head compatible with JIS No 1 screwdriver<br>Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head compatible with flat Ø 5.5 mm 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

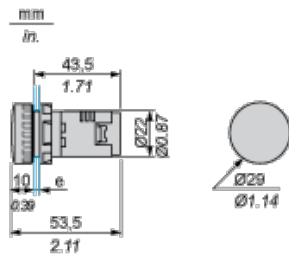
|                                       |                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------|
| protective treatment                  | TH                                                                                    |
| ambient air temperature for storage   | -40...70 °C                                                                           |
| ambient air temperature for operation | -25...70 °C                                                                           |
| overvoltage category                  | Class II conforming to IEC 60536                                                      |
| IP degree of protection               | IP20 (rear face) conforming to IEC 60529<br>IP65 (front 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                            |

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|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| 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 compatibility | Disturbing field emission, class B conforming to EN 55011                             |

## Pilot Light with Screw Terminal

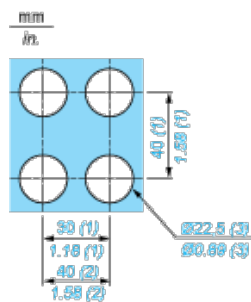
### Dimensions



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).

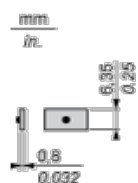
## Mounting

### Diameter of Finished Fixing Holes

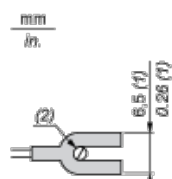


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

## 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.

Wiring Diagram

