



### Main

|                               |                      |
|-------------------------------|----------------------|
| Range of product              | Harmony XB7          |
| Product or component type     | Pilot light          |
| Device short name             | XB7                  |
| Mounting diameter             | 0.87 in (22 mm)      |
| Sale per indivisible quantity | 10                   |
| Shape of signaling unit head  | Round                |
| Cap/operator or lens colour   | Clear                |
| Light source                  | LED                  |
| Bulb base                     | Integral LED         |
| [Us] rated supply voltage     | 24 V AC/DC, 50/60 Hz |
| Device presentation           | Monolithic product   |

### Complementary

|                                        |                                                                                                                                                                                                                                                                                  |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                                 | 1.14 in (29 mm)                                                                                                                                                                                                                                                                  |
| Width                                  | 1.14 in (29 mm)                                                                                                                                                                                                                                                                  |
| Depth                                  | 2.13 in (54 mm)                                                                                                                                                                                                                                                                  |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                                                                                                                                                                                                        |
| Product weight                         | 0.04 lb(US) (0.02 kg)                                                                                                                                                                                                                                                            |
| Device mounting                        | Fixing hole: Ø 0.89 in (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: 0.04...0.24 in (1...6 mm)<br>>= 30 x 40 mm on support panel, plastic, thickness: 0.08...0.24 in (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                      | 7.08...10.62 lbf.in (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                  | 19.2...30 V DC<br>21.6...26.4 V AC                                                                                                                                                                                                                                               |
| Current consumption                    | 20...27 mA                                                                                                                                                                                                                                                                       |
| Service life                           | 70000 h at rated voltage and 25 °C                                                                                                                                                                                                                                               |

### Environment

|                                       |                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------|
| protective treatment                  | TH                                                                                    |
| ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                            |
| ambient air temperature for operation | -13...131 °F (-25...55 °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<br>CSA C22.2 No 14     |
| vibration resistance          | 5 gn ( $f = 2 \dots 500$ Hz) conforming to IEC 60068-2-6                          |
| shock resistance              | 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27 |
| electromagnetic compatibility | Disturbing field emission, class B conforming to EN 55011                         |

## Offer Sustainability

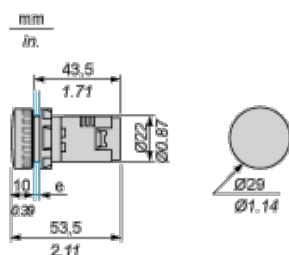
|                                                                                                                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Green Premium product                                                                                                            | Green Premium product                                                                                                            |
| Compliant - since 1145 - Schneider Electric declaration of conformity                                                            | Compliant - since 1145 - Schneider Electric declaration of conformity                                                            |
| Reference not containing SVHC above the threshold                                                                                | Reference not containing SVHC above the threshold                                                                                |
| Available                                                                                                                        | Available                                                                                                                        |
| Available                                                                                                                        | Available                                                                                                                        |
| WARNING: This product can expose you to chemicals including:                                                                     | WARNING: This product can expose you to chemicals including:                                                                     |
| Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Pilot Light with Screw Terminal

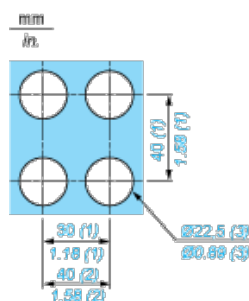
### Dimensions



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).

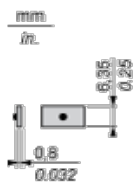
## Mounting

### Diameter of Finished Fixing Holes

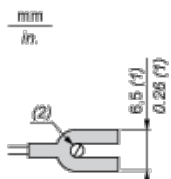


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value:  $\varnothing 22.3$  (0; + 0.4) mm/ $\varnothing 0.88$  (0; + 0.02) in.

## Faston Clip Connection

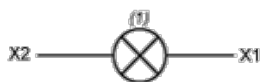


## “U” Type Tag Connection



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

## Wiring Diagram



- (1) LED