

# XB6AV4BB

red complete pilot light Ø16 with integral LED  
12...24V

Product availability: Stock - Normally stocked in distribution facility



## Main

|                               |                      |
|-------------------------------|----------------------|
| Range of product              | Harmony XB6          |
| Product or component type     | Complete pilot light |
| Device short name             | XB6                  |
| Bezel material                | Plastic              |
| Mounting diameter             | 0.63 in (16 mm)      |
| Sale per indivisible quantity | 1                    |
| Shape of signaling unit head  | Round                |
| Cap/operator or lens colour   | Red                  |
| Light source                  | LED                  |
| Bulb base                     | Integral LED         |
| Light block supply            | Direct               |
| [Us] rated supply voltage     | 12...24 V AC/DC      |

## Complementary

|                                        |                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------|
| Height                                 | 0.71 in (18 mm)                                                                                 |
| Width                                  | 0.71 in (18 mm)                                                                                 |
| Depth                                  | 2.24 in (57 mm)                                                                                 |
| Terminals description ISO n°1          | (+ -)PL                                                                                         |
| Product weight                         | 0.03 lb(US) (0.015 kg)                                                                          |
| Operating position                     | Any position                                                                                    |
| Connections - terminals                | Faston connectors (2.8 x 0.5 mm)                                                                |
| [Ui] rated insulation voltage          | 250 V (degree of pollution: 2) conforming to EN/IEC 60947-1                                     |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60947-1                                                               |
| Signalling type                        | Steady                                                                                          |
| Supply voltage limits                  | 6...30 V AC/DC                                                                                  |
| Current consumption                    | 15 mA                                                                                           |
| Surge withstand                        | 1 kV direct contact conforming to IEC 61000-4-5<br>2 kV in free air conforming to IEC 61000-4-5 |

## Environment

|                                       |                                                                                                                                                                                                                    |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TC                                                                                                                                                                                                                 |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                                                                                                                         |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                                                                                                                                                         |
| Electrical shock protection class     | Class II conforming to IEC 61140                                                                                                                                                                                   |
| IP degree of protection               | IP65 conforming to IEC 60529                                                                                                                                                                                       |
| NEMA degree of protection             | NEMA 4 conforming to CSA C22.2 No 94<br>NEMA 13 conforming to CSA C22.2 No 94<br>NEMA 4X conforming to CSA C22.2 No 94<br>NEMA 13 conforming to UL 50<br>NEMA 4 conforming to UL 50<br>NEMA 4X conforming to UL 50 |

|                                       |                                                                                                                                                                        |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-5<br>UL 508<br>JIS C 4520<br>JIS C 852<br>CSA C22.2 No 14                                                         |
| Product certifications                | CSA<br>UL<br>CCC<br>GOST                                                                                                                                               |
| Vibration resistance                  | +/- 3 mm (f = 2...500 Hz) conforming to IEC 60068-2-6<br>5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6                                                             |
| Shock resistance                      | 30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27 |
| Resistance to fast transients         | 2 kV conforming to IEC 61000-4-4                                                                                                                                       |
| Resistance to electromagnetic fields  | 9.14 V/yd (10 V/m) conforming to IEC 61000-4-3                                                                                                                         |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2                                     |
| Electromagnetic emission              | Class B conforming to EN 55011                                                                                                                                         |

### Ordering and shipping details

|                       |                           |
|-----------------------|---------------------------|
| Category              | 22459 - PUSHBUTTONS, 16MM |
| Discount Schedule     | CS2                       |
| GTIN                  | 00785901325611            |
| Nbr. of units in pkg. | 1                         |
| Package weight(Lbs)   | 0.02                      |
| Returnability         | Y                         |
| Country of origin     | MX                        |

### Offer Sustainability

|                           |                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| California proposition 65 | WARNING: This product can expose you to chemicals including:                                                                     |
| ----- Substance 1         | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| ----- Substance 2         | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.       |
| ----- More information    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

### Contractual warranty

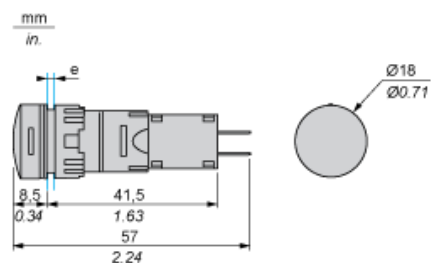
|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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Circular Head Pilot Light

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Dimensions



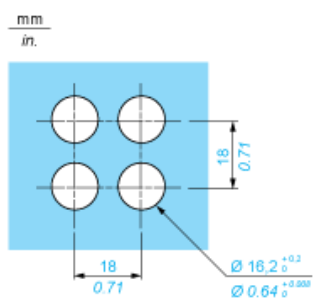
e panel thickness 1 to 6 mm/0.03 to 0.23 in.

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## Panel Cut-out

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### For Square or Circular Head



# Mouser Electronics

Authorized Distributor

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[XB6AV4BB](#)