Monolithic pilot light, Harmony XB6E, square Ø 16, IP65, yellow, integral LED 24VDC polarised, connector

XB6ECV5BP

Discontinued on: 30 June 2023

Product availability: Stock - Normally stocked in distribution facility

### Main

<table>
<thead>
<tr>
<th>Range of Product</th>
<th>Harmony XB6E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product or Component Type</td>
<td>Monolithic pilot light</td>
</tr>
<tr>
<td>Device short name</td>
<td>XB6E</td>
</tr>
<tr>
<td>Bezel material</td>
<td>Plastic</td>
</tr>
<tr>
<td>Mounting diameter</td>
<td>0.63 in (16 mm)</td>
</tr>
<tr>
<td>Sale per indivisible quantity</td>
<td>5</td>
</tr>
<tr>
<td>Shape of signaling unit head</td>
<td>Square</td>
</tr>
<tr>
<td>Cap/Operator or lens colour</td>
<td>Yellow</td>
</tr>
<tr>
<td>Light source</td>
<td>Integral LED</td>
</tr>
<tr>
<td>Light block supply</td>
<td>Direct</td>
</tr>
<tr>
<td>[Us] rated supply voltage</td>
<td>24 V DC polarised</td>
</tr>
</tbody>
</table>

### Complementary

<table>
<thead>
<tr>
<th>Net Weight</th>
<th>0.01 lb(US) (0.006 kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overvoltage category</td>
<td>II IEC 60536</td>
</tr>
<tr>
<td>Operating position</td>
<td>Any position</td>
</tr>
<tr>
<td>Marking</td>
<td>CE</td>
</tr>
<tr>
<td>Connections - terminals</td>
<td>Insulated faston 2.8 x 0.5 mm</td>
</tr>
<tr>
<td></td>
<td>Solder terminal &lt;= 0.75 mm² AWG 19</td>
</tr>
<tr>
<td></td>
<td>Fast connector socket</td>
</tr>
<tr>
<td>Tightening torque</td>
<td>5.31…8.85 lbf.in (0.6…1 N.m)</td>
</tr>
<tr>
<td>[Ui] rated insulation voltage</td>
<td>250 V 3)IEC 60947-1</td>
</tr>
<tr>
<td>[Uimp] rated impulse withstand voltage</td>
<td>2.5 kV IEC 60947-1</td>
</tr>
<tr>
<td>Signalling type</td>
<td>Steady</td>
</tr>
<tr>
<td>Current Consumption</td>
<td>10 mA</td>
</tr>
<tr>
<td>Service life</td>
<td>30000 h</td>
</tr>
</tbody>
</table>

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
Environment

Ambient Air Temperature for Storage
-40…158 °F (-40…70 °C)

Ambient air temperature for operation
14…131 °F (-10…55 °C)

IP degree of protection
IP65 IEC 60529

Standards
UL 508
CSA C22.2 No 14
JIS C 852
IEC 60947-1
IEC 60947-5-1
JIS C8201-5-1
JIS C8201-1

Product Certifications
cURus
CCC

Vibration resistance
1 mm 10…55 Hz IEC 60068-2-6

Shock resistance
10 gn 11 ms half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category
22459-PUSHBUTTONS, 16MM

Discount Schedule
CS2

GTIN
3389110626490

Returnability
No

Packing Units

Unit Type of Package 1
PCE

Number of Units in Package 1
1

Package 1 Height
0.98 in (2.500 cm)

Package 1 Width
1.57 in (4.000 cm)

Package 1 Length
3.54 in (9.000 cm)

Package 1 Weight
0.39 oz (11.000 g)

Unit Type of Package 2
BB1

Number of Units in Package 2
5

Package 2 Height
1.38 in (3.500 cm)

Package 2 Width
3.54 in (9.000 cm)

Package 2 Length
7.28 in (18.500 cm)

Package 2 Weight
2.15 oz (61.000 g)

Unit Type of Package 3
S01

Number of Units in Package 3
50

Package 3 Height
5.91 in (15.000 cm)

Package 3 Width
5.91 in (15.000 cm)

Package 3 Length
15.75 in (40.000 cm)

Package 3 Weight
26.46 oz (750.000 g)

Offer Sustainability

Sustainable offer status
Green Premium product

California proposition 65
WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecy! phthalate (DIDP), which is known to the...
State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

<table>
<thead>
<tr>
<th>Regulation/Information</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>REACH Regulation</td>
<td>REACH Declaration</td>
</tr>
<tr>
<td>REACH free of SVHC</td>
<td>Yes</td>
</tr>
<tr>
<td>EU RoHS Directive</td>
<td>Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration</td>
</tr>
<tr>
<td>Mercury free</td>
<td>Yes</td>
</tr>
<tr>
<td>China RoHS Regulation</td>
<td>China RoHS declaration</td>
</tr>
<tr>
<td>RoHS exemption information</td>
<td>Yes</td>
</tr>
<tr>
<td>Environmental Disclosure</td>
<td>Product Environmental Profile</td>
</tr>
<tr>
<td>Circularity Profile</td>
<td>End of Life Information</td>
</tr>
<tr>
<td>WEEE</td>
<td>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.</td>
</tr>
</tbody>
</table>

**Contractual warranty**

| Warranty | 18 months |
Pilot Light

Square Head

(1) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)
(2) Seal (thickness: 0.5 mm / 0.01 in.)
e  panel thickness: 0.5 mm (0.01 in.) ≤ e ≤ 6 mm (0.24 in.)
Product data sheet

Mounting and Clearance

Panel Cut-Out and Mounting

Circular or Square Head

Recommended replacement(s)