Product data sheet

Specifications

Complete push button, Harmony XB6, red rectangular flush pushbutton, 16mm, spring return, 1NO + 1NC, unmarked

XB6DA45B

Product availability : Stock - Normally stocked in distribution facility

Price* : 51.15 USD

<table>
<thead>
<tr>
<th>Main</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of Product</td>
<td>Harmony XB6</td>
</tr>
<tr>
<td>Product or Component Type</td>
<td>Complete push-button</td>
</tr>
<tr>
<td>Device short name</td>
<td>XB6</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>1</td>
</tr>
<tr>
<td>Shape of signaling unit head</td>
<td>Rectangular</td>
</tr>
<tr>
<td>Type of operator</td>
<td>spring return</td>
</tr>
<tr>
<td>Operator profile</td>
<td>Red flush, unmarked</td>
</tr>
<tr>
<td>Contacts type and composition</td>
<td>1 NO + 1 NC</td>
</tr>
<tr>
<td>Contact operation</td>
<td>Slow-break</td>
</tr>
<tr>
<td>Connections - terminals</td>
<td>Faston connectors 2.6 x 0.5 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Complementary</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CAD overall width</td>
<td>0.94 in (24 mm)</td>
</tr>
<tr>
<td>CAD overall height</td>
<td>0.71 in (18 mm)</td>
</tr>
<tr>
<td>CAD overall depth</td>
<td>2.24 in (57 mm)</td>
</tr>
</tbody>
</table>
| Terminals description ISO n°1 | (13-14)NO  
(21-22)NC |
| Net Weight | 0.05 lb(US) (0.022 kg) |
| Operating position | Any position |
| Positive opening | With EN/IEC 60947-5-1 appendix K |
| Operating travel | 0.04 in (1 mm) NO changing electrical state  
0.08 in (2 mm) NC changing electrical state  
0.14 in (3.5 mm) total travel |
| Operating force | 3.5 N NO changing electrical state  
4.5 N NC changing electrical state |
| Mechanical durability | 2000000 cycles |
| Contacts material | Silver alloy (AgNi) |

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.
### Short-circuit protection

6 A cartridge fuse gG

### [U] rated insulation voltage

250 V 3)EN/IEC 60947-1

### [Uimp] rated impulse withstand voltage

4 kV EN/IEC 60947-1

### [Ie] rated operational current

3 A 120 V, AC-15, B300 EN/IEC 60947-5-1
1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1
0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1
0.22 A DC-15, DC-13, R300 EN/IEC 60947-5-1

### Electrical durability

1000000 cycles, AC-15 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C

### Electrical reliability

\[ \Lambda = 10^{exp(-8)} \text{ V 1 mA with confidence level of 90 \% IEC 60947-5-4} \]

### 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 IEC 61140

#### IP degree of protection

IP65 IEC 60529

#### NEMA degree of protection

NEMA 13 UL 50
NEMA 4 UL 50
NEMA 4X UL 50
NEMA 13 CSA C22.2 No 94
NEMA 4 CSA C22.2 No 94
NEMA 4X CSA C22.2 No 94

#### Standards

- CSA C22.2 No 14
- JIS C 4520
- EN/IEC 60947-1
- EN/IEC 60947-5-5
- EN/IEC 60947-5-1
- JIS C 852
- UL 508

#### Product Certifications

- GOST
- CCC
- CSA
- UL

#### Vibration resistance

+/- 3 mm 2…500 Hz IEC 60068-2-6
5 gn 2…500 Hz IEC 60068-2-6

#### Shock resistance

30 gn 18 ms half sine wave acceleration IEC 60068-2-27
50 gn 11 ms half sine wave acceleration IEC 60068-2-27

### Ordering and shipping details

#### Category

22459-PUSHBUTTONS, 16MM

#### Discount Schedule

CS2

#### GTIN

3389110764369

#### Returnability

Yes

#### Country of origin

MX

### Packing Units

#### Unit Type of Package 1

PCE

#### Number of Units in Package 1

1

#### Package 1 Height

0.79 in (2.000 cm)

#### Package 1 Width

0.79 in (2.000 cm)

#### Package 1 Length

2.36 in (6.000 cm)

#### Package 1 Weight

0.56 oz (16.000 g)
Unit Type of Package 2  S01
Number of Units in Package 2  60
Package 2 Height  5.91 in (15.000 cm)
Package 2 Width  5.91 in (15.000 cm)
Package 2 Length  15.75 in (40.000 cm)
Package 2 Weight  2.42 lb(US) (1.099 kg)

Unit Type of Package 3  P06
Number of Units in Package 3  1920
Package 3 Height  29.53 in (75.000 cm)
Package 3 Width  31.50 in (80.000 cm)
Package 3 Length  23.62 in (60.000 cm)
Package 3 Weight  95.17 lb(US) (43.168 kg)

Offer Sustainability
Sustainable offer status  Green Premium product
California proposition 65  WARNING: This product can expose you to chemicals including: Di-isodecyl 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
REACH Regulation  REACH Declaration
REACH free of SVHC  Yes
EU RoHS Directive  Pro-active compliance (Product out of EU RoHS legal scope)
EU RoHS Declaration
Toxic heavy metal free  Yes
Mercury free  Yes
China RoHS Regulation  China RoHS declaration
RoHS exemption information  Yes
Environmental Disclosure  Product Environmental Profile
Circularity Profile  End of Life Information
WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty
Warranty  18 months
Rectangular Head Pushbutton

Dimensions

- panel thickness 1 to 6 mm/0.03 to 2.48 in.
Panel Cut-out

For Rectangular Head

Recommended replacement(s)