XB4FW33G5
Illuminated push button flush mounted, metal, green, Ø30, integral LED, 120V AC 1 NO + 1 NC

Characteristics

Main

<table>
<thead>
<tr>
<th>Range of product</th>
<th>Harmony XB4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product or component type</td>
<td>Illuminated push-button</td>
</tr>
<tr>
<td>Device short name</td>
<td>XB4F</td>
</tr>
<tr>
<td>Bezel material</td>
<td>Chromium plated metal</td>
</tr>
<tr>
<td>Fixing collar material</td>
<td>Zamak</td>
</tr>
<tr>
<td>Mounting diameter</td>
<td>1.20 in (30.5 mm)</td>
</tr>
<tr>
<td>Sale per indivisible quantity</td>
<td>1</td>
</tr>
<tr>
<td>Head type</td>
<td>Built-in-flush</td>
</tr>
<tr>
<td>Shape of signaling unit head</td>
<td>Round</td>
</tr>
<tr>
<td>Type of operator</td>
<td>Spring return</td>
</tr>
<tr>
<td>Operator profile</td>
<td>Green flush</td>
</tr>
<tr>
<td>Operator additional information</td>
<td>With plain lens</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>Screw clamp terminals, &lt;= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1</td>
</tr>
<tr>
<td>Light source</td>
<td>Protected LED</td>
</tr>
<tr>
<td>Bulb base</td>
<td>Integral LED</td>
</tr>
<tr>
<td>[Us] rated supply voltage</td>
<td>110...120 V AC 50/60 Hz</td>
</tr>
</tbody>
</table>

Complementary

<table>
<thead>
<tr>
<th>Height</th>
<th>1.85 in (47 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Width</td>
<td>1.44 in (36.6 mm)</td>
</tr>
<tr>
<td>Depth</td>
<td>2.17 in (55 mm)</td>
</tr>
<tr>
<td>Terminals description ISO n°1</td>
<td>(13-14)NO (21-22)NC</td>
</tr>
<tr>
<td>Net Weight</td>
<td>0.29 lb(US) (0.132 kg)</td>
</tr>
<tr>
<td>Resistance to high pressure washer</td>
<td>7000000 Pa at 55 °C, distance : 0.1 m</td>
</tr>
<tr>
<td>Device mounting</td>
<td>Built-in</td>
</tr>
<tr>
<td>Fixing mode</td>
<td>By screws 7.08 lbf.in (0.8 N.m)</td>
</tr>
<tr>
<td>Contacts usage</td>
<td>Standard contacts</td>
</tr>
<tr>
<td>Positive opening</td>
<td>With EN/IEC 60947-5-1 appendix K</td>
</tr>
<tr>
<td>Operating travel</td>
<td>0.06 In (1.5 mm) NC changing electrical state 2.6 Mm (NO changing electrical state) 4.3 mm (total travel)</td>
</tr>
<tr>
<td>Operating force</td>
<td>3.5 N NC changing electrical state 3.8 N</td>
</tr>
<tr>
<td>Mechanical durability</td>
<td>10000000 cycles</td>
</tr>
<tr>
<td>Tightening torque</td>
<td>0.8...1.2 N.m conforming to EN 60947-1</td>
</tr>
</tbody>
</table>
Shape of screw head
- Cross compatible with Philips no 1 screwdriver
- Cross compatible with pozidriv No 1 screwdriver
- Slotted compatible with flat Ø 4 mm screwdriver
- Slotted compatible with flat Ø 5.5 mm screwdriver

Contacts material
- Silver alloy (Ag/Ni)

Short-circuit protection
- 10 A cartridge fuse gG EN/IEC 60947-5-1

[Uth] conventional free air thermal current
- 10 A EN/IEC 60947-5-1

[Ui] rated insulation voltage
- 600 V 3) EN/IEC 60947-1

[Uimp] rated impulse withstand voltage
- 6 kV EN/IEC 60947-1

[Ie] rated operational current
- 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1
- 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1
- 0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1
- 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1
- 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1
- 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1

Electrical durability
- 1000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
- 1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
- 1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
- 1000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
- 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C

Electrical reliability
- $\Lambda < 10^{-6}$ 5 V 1 mA in clean environment EN/IEC 60947-5-4
- $\Lambda < 10^{-8}$ 17 V 5 mA in clean environment EN/IEC 60947-5-4

Signalling type
- Steady

Current consumption
- 14 mA

Service life
- 100000 h at rated voltage and 25 °C

Surge withstand
- 1 kV IEC 61000-4-5

Supply voltage limits
- 100…132 V AC

Device presentation
- Complete product

Environment

Protective treatment
- TH

Ambient air temperature for storage
- -40…+158 °F (-40…70 °C)

Ambient air temperature for operation
- -40…+158 °F (-40…70 °C)

Electrical shock protection class
- Class I IEC 60536

IP degree of protection
- IP66 conforming to IEC 60529
- IP67 conforming to IEC 60529
- IP69 conforming to IEC 60529
- IP69K ISO 20653
- Type 13 UL 50 E
- Type 12 UL 50 E
- Type 4 UL 50 E
- Type 4X UL 50 E

IK degree of protection
- IK06 conforming to IEC 50102

Standards
- CSA C22.2 No 14
- EN/IEC 60947-5-1
- EN/IEC 60947-5-4
- UL 508
- EN/IEC 60947-1
- JIS C8201-5-1
- CE
- JIS C8201-1

Product certifications
- UL Listed
- CSA
- CCC
- EAC

Vibration resistance
- 5 gn 10…500 Hz)IEC 60068-2-6
- 2 mm peak to peak 2…10 Hz)IEC 60068-2-6

Shock resistance
- 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27
- 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
- 25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27

Resistance to fast transients
- 2 kV IEC 61000-4-4

Resistance to electromagnetic fields
- 9.14 V/m (10 V/m) IEC 61000-4-3
Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2  
| 8 kV in free air (in insulating parts) IEC 61000-4-2  
Electromagnetic emission | Class B IEC 55011  

### Ordering and shipping details

| Category | 22468 - PUSHBUTTONS, 22MM(METAL) NEW  
| Discount Schedule | CS2  
| Nbr. of units in pkg. | 1  
| Package weight(Lbs) | 1 lb(US) (0.45 kg)  
| Returnability | No  

### Packing Units

| Package 1 Height | 3.39 in (8.600 cm)  
| Package 1 width | 2.05 in (5.200 cm)  
| Package 1 Length | 1.69 in (4.300 cm)  

### Offer Sustainability

| Sustainable offer status | Green Premium product  
| California proposition 65 | 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. 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  
| Mercury free | Yes  
| RoHS exemption information | Yes  
| China RoHS Regulation | China RoHS Declaration  
| 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  