



## Main

|                               |   |
|-------------------------------|---|
| Range of product              | Harmony XB7   |
| Product or component type     | Selector switch   |
| Device short name             | XB7   |
| Mounting diameter             | 22 Mm   |
| Sale per indivisible quantity | 10  |
| Net weight                    | 0.05 Kg   |
| IP degree of protection       | IP20 (rear face) conforming to IEC 60529<br>IP65 (front face) conforming to IEC 60529 |
| Shape of signaling unit head  | Round   |
| Type of operator              | Stay put  |
| Operator position information | 3 positions +/- 45°   |
| Type of keylock               | Ronis 455   |
| Key withdrawal position       | Center  |
| Contacts type and composition | 2 NO  |
| Positive opening              | Without   |

## Complementary

|                               |   |
|-------------------------------|---|
| CAD overall width             | 29 Mm   |
| CAD overall height            | 29 Mm   |
| CAD overall depth             | 83 Mm   |
| Terminals description ISO n°1 | (23-24)NO<br>(13-14)NO  |
| Device mounting               | Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to EN/IEC 60947-1  |
| Fixing center                 | >= 30 x 40 mm (support panel) metal - thickness: 1...6 mm<br>>= 30 x 40 mm (support panel) plastic - thickness: 2...6 mm  |
| Fixing mode                   | Fixing nut: 2...2.4 N.m   |
| Contact operation             | Slow-break  |
| Mechanical durability         | 300000 Cycles   |
| Connections - terminals       | Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end conforming-<br>to EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.34...2 x 2.5 mm <sup>2</sup> without cable end conforming-<br>to EN/IEC 60947-1 |
| Tightening torque             | 0.8...1.2 N.M conforming to EN 60947-1  |

|  |   |
|--|---|
| Shape of screw head                    | Cross compatible with JIS No 1 screwdriver<br>Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver   |
| Short-circuit protection               | 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1   |
| [Ui] rated insulation voltage          | 250 V (pollution degree 3) conforming to EN/IEC 60947-1   |
| [Uimp] rated impulse withstand voltage | 4 KV EN/IEC 60947-1   |
| [Ie] rated operational current         | 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1<br>0.6 A at 120 V, AC-14, D300 conforming to EN/IEC 60947-5-1   |
| Electrical durability                  | 1000000 Cycles, DC-13, 0.3 A at 24 V, operating rate <216000 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 0.03 A at 230 V, operating rate <216000 cyc/mn, load-factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 0.09 A at 240 V, operating rate <108000 cyc/mn, load-factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical reliability                 | $\Lambda < 10\text{exp}(-6)$ at 17 V and 5 mA conforming to IEC 60947-5-4   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Protective treatment                  | TH   |
| Ambient air temperature for storage   | -40...70 °C  |
| Ambient air temperature for operation | -25...70 °C  |
| Electrical shock protection class     | Class II conforming to IEC 61140   |
| NEMA degree of protection             | NEMA 12 conforming to UL 50 E<br>NEMA 3 conforming to UL 50 E  |
| Standards                             | EN/IEC 60947-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>JIS C8201-5-1<br>UL 508<br>JIS C8201-1  |
| Vibration resistance                  | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6   |
| Shock resistance                      | 50 gn (duration = 11 ms) for half sine wave acceleration conforming-to IEC 60068-2-27<br>30 gn (duration = 18 ms) for half sine wave acceleration conforming-to IEC 60068-2-27 |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.055 Kg |
| Package 1 Height | 0.600 Dm |
| Package 1 width  | 0.330 Dm |
| Package 1 Length | 0.320 Dm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins   |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Contractual warranty

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|          |           |
|----------|-----------|
| Warranty | 18 months |
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Product Life Status : **Commercialised**