

| Main | Harmony XB5 |
| :--- | :--- |
| Range of product | Selector switch |
| Product or component type | XB5 |
| Device short name | Dark grey plastic |
| Bezel material | Standard |
| Head type | 22 mm |
| Mounting diameter | 1 |
| Sale per indivisible quantity | Round |
| Shape of signaling unit head | stay put |
| Type of operator | key switch |
| Operator profile | 2 positions $90^{\circ}$ |
| Operator position information | Ronis 455 |
| Type of keylock | 1 NO |
| Contacts type and composition | Slow-break |
| Contact operation | Screw clamp terminals, $<=2 \times 1.5 \mathrm{~mm}^{2}$ with cable end conforming to EN/IEC 60947-1 |
| Connections - terminals | Screw clamp terminals, $>=1 \times 0.22 \mathrm{~mm}^{2}$ without cable end conforming to EN/IEC 60947-1 |


| Complementary |  |
| :--- | :--- |
| Height | 42 mm |
| Width | 30 mm |
| Depth | 96 mm |
| Terminals description ISO $\mathrm{n}^{\circ} 1$ | $(13-14) \mathrm{NO}$ |
| Net weight | 0.831 kg |
| Resistance to high pressure washer | 7000000 Pa at $55^{\circ} \mathrm{C}$, distance $: 0.1 \mathrm{~m}$ |
| Key withdrawal position | Left-hand |
| Contacts usage | Standard contacts |


| Positive opening | Without |
| :---: | :---: |
| Torque value | 0.14 N.m NO changing electrical state |
| Mechanical durability | 1000000 cycles |
| Tightening torque | 0.8...1.2 N.m conforming to EN 60947-1 |
| Shape of screw head | Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat $\varnothing 4 \mathrm{~mm}$ screwdriver Slotted compatible with flat $\varnothing 5.5 \mathrm{~mm}$ screwdriver |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 |
| [lth] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1 |
| [Ui] rated insulation voltage | 600 V (pollution degree 3) conforming to EN 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 kV EN 60947-1 |
| [le] rated operational current | 3 A at $240 \mathrm{~V}, \mathrm{AC}-15, \mathrm{~A} 600$ conforming to EN/IEC 60947-5-1 6 A at $120 \mathrm{~V}, \mathrm{AC}-15$, A600 conforming to EN/IEC 60947-5-1 0.1 A at $600 \mathrm{~V}, \mathrm{DC}-13$, Q600 conforming to EN/IEC 60947-5-1 0.27 A at $250 \mathrm{~V}, \mathrm{DC}-13$, Q600 conforming to EN/IEC 60947-5-1 0.55 A at $125 \mathrm{~V}, \mathrm{DC}-13$, Q600 conforming to EN/IEC 60947-5-1 1.2 A at $600 \mathrm{~V}, \mathrm{AC}-15$, A600 conforming to EN/IEC 60947-5-1 |
| Electrical durability | 1000000 cycles, AC-15, 2 A at 230 V , operating rate $<3600 \mathrm{cyc} / \mathrm{h}$, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C <br> 1000000 cycles, AC-15, 3 A at 120 V , operating rate $<3600 \mathrm{cyc} / \mathrm{h}$, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C <br> 1000000 cycles, AC-15, 4 A at 24 V , operating rate $<3600 \mathrm{cyc} / \mathrm{h}$, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C <br> 1000000 cycles, DC-13, 0.2 A at 110 V , operating rate $<3600 \mathrm{cyc} / \mathrm{h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C <br> 1000000 cycles, DC-13, 0.5 A at 24 V , operating rate $<3600 \mathrm{cyc} / \mathrm{h}$, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C |
| Electrical reliability | $\wedge<10 \exp (-6)$ at $5 \mathrm{~V}, 1 \mathrm{~mA}$ in clean environment conforming to EN/IEC 60947-5-4 $\Lambda<10 \exp (-8)$ at $17 \mathrm{~V}, 5 \mathrm{~mA}$ in clean environment conforming to EN/IEC 60947-5-4 |
| Device presentation | Complete product |
| Environment |  |
| Protective treatment | TH |
| Ambient air temperature for storage | $-40 . . .70^{\circ} \mathrm{C}$ |
| Ambient air temperature for operation | $-40 . . .70^{\circ} \mathrm{C}$ |
| Electrical shock protection class | Class II conforming to IEC 60536 |
| IP degree of protection | IP69 IP69K IP66 conforming to IEC 60529 IP67 |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| IK degree of protection | IK06 conforming to IEC 50102 |
| Product certifications | ```LROS (Lloyds register of shipping) CSA DNV GL BV UL``` |
| Vibration resistance | 5 gn ( $\mathrm{f}=2 \ldots . .500 \mathrm{~Hz}$ ) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration $=18 \mathrm{~ms}$ ) for half sine wave acceleration conforming to IEC 60068-2-27 <br> 50 gn (duration $=11 \mathrm{~ms}$ ) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

| Unit Type of Package 1 | PCE |  |
| :--- | :--- | :--- |
| Number of Units in Package 1 | 1 |  |
| Package 1 Weight | 82 g |  |
| Package 1 Height | 8.6 cm |  |
|  |  | Life is on $\mid$ Schneider |
| 2 |  |  |


| Package 1 width | 5.2 cm |
| :--- | :--- |
| Package 1 Length | 3.3 cm |

Offer Sustainability

| Sustainable offer status | Green Premium product |
| :--- | :--- |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) <br> 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 <br> never end up in rubbish bins |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which <br> is known to the State of California to cause cancer and birth defects or other reproductive harm. For <br> more information go to www.P65Warnings.ca.gov |

Contractual warranty
Warranty
18 months

## Dimensions Drawings

## Dimensions



Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board

(1) Diameter on finished panel or support
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
(3) $\varnothing 22.5 \mathrm{~mm}$ recommended $\left(\varnothing 22.3_{0}{ }^{+0.4}\right) / \varnothing 0.89$ in. recommended ( $\varnothing 0.88$ in. $0^{+0.016}$ )

| Connections | a in mm | a in in. | b in mm | b in in. |
| :--- | :--- | :--- | :--- | :--- |
| By screw clamp terminals or plug-in connector | 40 | 1.57 | 30 | 1.18 |
| By Faston connectors | 45 | 1.77 | 32 | 1.26 |
| On printed circuit board | 30 | 1.18 | 30 | 1.18 |

## Detail of Lug Recess


(1) Diameter on finished panel or support
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
(3) $\varnothing 22.5 \mathrm{~mm}$ recommended $\left(\varnothing 22.3_{0}{ }^{+0.4}\right) / \varnothing 0.89$ in. recommended ( $\varnothing 0.88$ in. $0^{+0.016}$ )

