



### Main

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|-------------------------------|--|
| Range of product              | Harmony XB4  |
| Product or component-type     | Emergency stop push-button<br>Complete emergency switching off push-button   |
| Device short name             | XB4  |
| Bezel material                | Chromium plated metal  |
| Fixing collar material        | Zamak  |
| Mounting diameter             | 22 mm  |
| Sale per indivisible-quantity | 1  |
| Shape of signaling unit-head  | Round  |
| Type of operator              | Trigger action and mechanical latching   |
| Head type                     | Standard   |
| Reset                         | Turn to release  |
| Operator profile              | Red mushroom Ø 40 mm unmarked  |
| Contacts type and composition | 1 NO + 1 NC  |
| Contact operation             | Slow-break   |
| Connections - terminals       | Screw clamp terminals : $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN 60947-1<br>Screw clamp terminals : $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN 60947-1 |

### Complementary

|  |   |
|--|---|
| Height   | 47 mm   |
| Width  | 40 mm   |
| Depth  | 82 mm   |
| Terminals description ISO n°1                            | (13-14)NO   |
| Product weight   | 0.13 kg   |
| Resistance to high pressure washer                       | 7000000 Pa at 55 °C, distance: 0.1 m  |
| Contacts usage   | Standard contacts   |
| Positive opening   | With positive opening conforming to EN/IEC 60947-5-1 appendix K   |
| Operating travel   | 1.5 mm (NC changing electrical state)<br>2.6 mm (NO changing electrical state)<br>4.3 mm (total travel)   |
| Operating force  | 44 N  |
| Mechanical durability                                    | 300000 cycles   |
| Tightening torque  | 0.8...1.2 N.m conforming to EN 60947-1  |
| Shape of screw head                                      | Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head compatible with flat Ø 5.5 mm screwdriver |
| Contacts material  | Silver alloy (Ag/Ni)  |
| Short-circuit protection                                 | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1  |
| [I <sub>th</sub> ] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1   |
| [U <sub>i</sub> ] rated insulation voltage               | 600 V (degree of pollution: 3) conforming to EN 60947-1   |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 6 kV conforming to EN 60947-1   |

|                                |   |
|--------------------------------|---|
| [Ie] rated operational current | 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1<br>6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1  |
| Electrical durability          | 1000000 cycles, AC-15, 2 A at 230 V, operating rate: 3600 cyc/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 cyc/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 cyc/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 cyc/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 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical reliability         | $\Lambda < 10\exp(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4   |
| Device presentation            | Complete product  |
| Compatibility code             | XB4   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Protective treatment                  | TH   |
| Ambient air temperature for storage   | -40...70 °C  |
| Ambient air temperature for operation | -40...70 °C  |
| Electrical shock protection class     | Class I conforming to IEC 60536  |
| IP degree of protection               | IP69<br>IP67<br>IP66 conforming to IEC 60529<br>IP69K  |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X   |
| IK degree of protection               | IK06 conforming to IEC 50102   |
| Standards                             | EN/ISO 13850<br>EN/IEC 60947-1<br>EN/IEC 60204-1<br>JIS C 4520<br>EN/IEC 60947-5-5<br>UL 508<br>EN/IEC 60947-5-1<br>IEC 60364-5-53<br>EN/IEC 60947-5-4<br>CSA C22.2 No 14      |
| Product certifications                | DNV<br>GL<br>LROS (Lloyds register of shipping)<br>CSA<br>BV<br>UL listed<br>RINA  |
| Vibration resistance                  | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6  |
| Shock resistance                      | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant - since 0727 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold  |
| Product environmental profile    | Available  |
| Product end of life instructions | Need no specific recycling operations  |

Contractual warranty

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| Warranty period | 18 months |
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| Product Life Status : Commercialised |
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