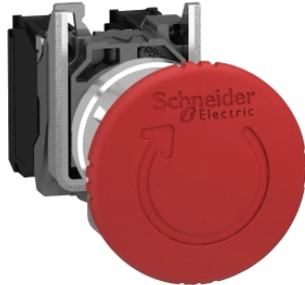


## XB4BS8444

Red Ø40 Emergency stop, switching off Ø22 latching  
turn release 2NC



### Main

|                               |  |
|-------------------------------|--|
| Range of product              | Harmony XB4  |
| Product or component type     | Complete emergency switching off push-button<br>Emergency stop 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 | 2 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               | (21-22)NC  |
| 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>4.3 mm (total travel)   |
| 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   |
| [Ith] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1  |
| [Uij] rated insulation voltage              | 600 V (degree of pollution: 3) conforming to EN 60947-1  |
| [Uimp] 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  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

conforming to EN/IEC 60947-5-1 appendix C  
 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  
 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  
 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  
 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 | $\Lambda < 10\exp(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4 |
| Device presentation    | Complete product  |

## 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               | IP67<br>IP66 conforming to IEC 60529<br>IP69K<br>IP69  |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X   |
| IK degree of protection               | IK06 conforming to IEC 50102   |
| standards                             | EN/IEC 60204-1<br>EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>EN/ISO 13850<br>IEC 60364-5-53<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14      |
| product certifications                | BV<br>CSA<br>DNV<br>GL<br>LROS (Lloyds register of shipping)<br>RINA<br>UL listed  |
| 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 |

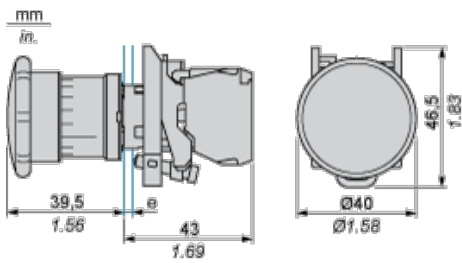
## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0627 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Need no specific recycling operations                                 |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Dimensions



e : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

### Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

| Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board   | Connection by Faston Connectors   |
|---|---|
| <p>Diagram showing a 2x2 grid of circular holes on a panel. Dimension (1) is the diameter of each hole. Dimension (2) is the vertical distance between the centerlines of the two rows. Dimension (3) is the horizontal distance between the centerlines of the two columns. Dimension (4) is the diameter of the hole.</p>   | <p>Diagram showing a 2x2 grid of circular holes on a panel. Dimension (1) is the diameter of each hole. Dimension (5) is the vertical distance between the centerlines of the two rows. Dimension (6) is the horizontal distance between the centerlines of the two columns. Dimension (4) is the diameter of the hole.</p> |
| <p>(1) Diameter on finished panel or support<br/>           (2) 40 mm min. / 1.57 in. min.<br/>           (3) 30 mm min. / 1.18 in. min.<br/>           (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm<sub>0</sub><sup>+0.4</sup> / 0.88 in.<sub>0</sub><sup>+0.016</sup>)<br/>           (5) 45 mm min. / 1.78 in. min.<br/>           (6) 32 mm min. / 1.26 in. min.</p> |   |