

Emergency stop push button, Harmony XB4, metal, red mushroom 40mm, 22mm, trigger latching turn to release, 2NC+1NO

XB4BS84441

Product availability: Stock - Normally stocked in distribution facility

Main

| Range of Product | Harmony XB4 | | |
|-------------------------------|--|--|--|
| Product or Component Type | Emergency stop push-button Emergency switching off push-button | | |
| Device short name | XB4 | | |
| Bezel material | Chromium plated metal | | |
| Fixing collar material | Zamak | | |
| Mounting diameter | 0.9 in (22.5 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 | | |
| Contact operation | Slow-break | | |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1 | | |

Complementary

| Height | 1.9 in (47 mm) | | |
|------------------------------------|--|--|--|
| Width | 1.6 in (40 mm) | | |
| Depth | 3.2 in (82 mm) | | |
| Terminals description ISO n°1 | (13-14)NO | | |
| Resistance to high pressure washer | 1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m | | |
| Contacts type and composition | 2 NC + 1 NO | | |
| Contacts usage | Standard contacts | | |
| Positive opening | With IEC 60947-5-1 appendix K | | |
| Operating travel | 0.06 in (1.5 mm) NC changing electrical state) 0.1 in (2.6 mm) NO changing electrical state) 0.2 in (4.3 mm) total travel) | | |
| Mechanical durability | 300000 cycles | | |
| Tightening torque | 7.0810.6 lbf.in (0.81.2 N.m) IEC 60947-1 | | |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| Shape of screw head | Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm | | | | |
|---|--|--|--|--|--|
| | Slotted flat Ø 5.5 mm | | | | |
| Contacts material | Silver alloy (Ag/Ni) | | | | |
| Short-circuit protection | 10 A cartridge fuse gG IEC 60947-5-1 | | | | |
| [Ith] conventional free air thermal current | 10 A IEC 60947-5-1 | | | | |
| [Ui] rated insulation voltage | 600 V 3)IEC 60947-1 | | | | |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60947-1 | | | | |
| [le] rated operational current | 3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1 | | | | |
| Electrical durability | 1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C | | | | |
| Electrical reliability | Λ < 10exp(-6) 5 V 1 mA in clean environment IEC 60947-5-4 Λ < 10exp(-8) 17 V 5 mA in clean environment IEC 60947-5-4 | | | | |
| Device presentation | Complete product | | | | |
| Environment | | | | | |
| Protective treatment | тн | | | | |
| Ambient Air Temperature for Storage | -40158 °F (-4070 °C) | | | | |
| Ambient Air Temperature for Operation | -40158 °F (-4070 °C) | | | | |
| Electrical shock protection class | Class I conforming to IEC 60536 | | | | |
| IP degree of protection | IP66 IEC 60529 IP69 IP69K | | | | |
| NEMA degree of protection | NEMA 13 NEMA 4X | | | | |
| IK degree of protection | IK06 conforming to IEC 50102 | | | | |
| Standards | ISO 13850 IEC 60947-1 IEC 60947-5-5 IEC 60364-5-53 IEC 60947-5-4 IEC 60204-1 UL 508 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 JIS C8201-1 | | | | |
| Product Certifications | CSA LROS (Lloyds register of shipping) BV UL Listed DNV | | | | |
| Vibration resistance | 5 gn (f= 2500 Hz) conforming to IEC 60068-2-6 | | | | |
| Shock resistance | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 | | | | |

Ordering and shipping details

| Category | US10CS222468 |
|-------------------|---------------|
| Discount Schedule | 0CS2 |
| GTIN | 3389110966244 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

| · · · · · · · · · · · · · · · · · · · | | | |
|---------------------------------------|-----------------------------|--|--|
| Unit Type of Package 1 | PCE | | |
| Number of Units in Package 1 | 1 | | |
| Package 1 Height | 1.97 in (5.000 cm) | | |
| Package 1 Width | 2.17 in (5.500 cm) | | |
| Package 1 Length | 3.78 in (9.600 cm) | | |
| Package 1 Weight | 5.009 oz (142.000 g) | | |
| Unit Type of Package 2 | S03 | | |
| Number of Units in Package 2 | 80 | | |
| Package 2 Height | 11.81 in (30.000 cm) | | |
| Package 2 Width | 11.81 in (30.000 cm) | | |
| Package 2 Length | 15.75 in (40.000 cm) | | |
| Package 2 Weight | 26.195 lb(US) (11.882 kg) | | |
| Unit Type of Package 3 | P06 | | |
| Number of Units in Package 3 | 640 | | |
| Package 3 Height | 29.53 in (75.000 cm) | | |
| Package 3 Width | 23.62 in (60.000 cm) | | |
| Package 3 Length | 31.50 in (80.000 cm) | | |
| Package 3 Weight | 233.082 lb(US) (105.724 kg) | | |
| | | | |

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

| ☑ Environmental footprint | |
|--|-------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 2 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

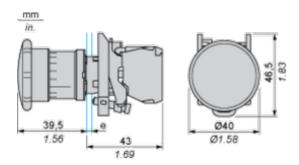
| Materials and Substances | |
|--|---|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| REACh Regulation | REACh Declaration |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

Use Again

| ○ Repack and remanufacture | |
|----------------------------|--|
| Circularity Profile | End of Life Information |
| Take-back | No |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Dimensions Drawings

Dimensions



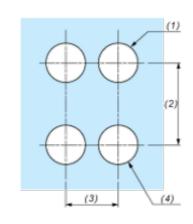
e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

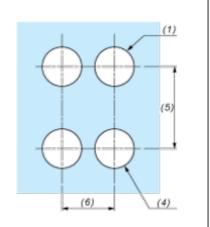
Mounting and Clearance

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

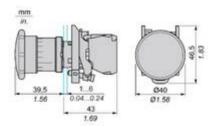


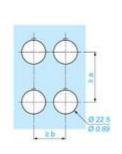


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

Technical Illustration

Dimensions





| | | a (mm) | a (m.) | p (ww) | b (in.) |
|-------|---------------|--------|--------|--------|---------|
| ZBE | 78V•••• | 40 | 1.57 | 30 | 1.18 |
| ZBE3 | { Z8∨••••3 | 45 | 1,77 | 32 | 1.26 |
| ZBE4 | ZBV•••• | 40 | 1.57 | 30 | 1,18 |
| IJ | ZBV5 | 50 | 1.97 | 30 | 1.18 |
| Z8E9 | | 40 | 1.57 | 30 | 1.18 |
| ZBRT• | ZBRV1 | 40 | 1.57 | 30 | 1.18 |

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Technical Benefits Harmony XB4 e-stop function



Fit for all machine sizes and environments:

- Small machines > 30 mm
- Standard machines > 40 mm
 Use of gloves > 60 mm

Designed as per international standards for high performance.

Image of product / Alternate images

Alternative

