

Push button, Harmony XB4, metal, projecting, red, 22mm, spring return, booted, unmarked, 1NC

XB4BP42

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Harmony XB4			
Device short name	XB4			
Product or Component Type	Push-button			
Product Compatibility	Not compatible with legend holder			
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	spring return			
Operator profile	Red projecting, unmarked			
Head type	Standard			
Operator additional information	Clear boot			
Contacts type and composition	1 NC			
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 0.222 x 2.5 mm² without cable end IEC 60947-1			

Complementary

Height	1.9 in (47 mm)		
Width	1.2 in (30 mm)		
Depth	2.4 in (61 mm)		
Terminals description ISO n°1	(21-22)NC		
Net Weight	0.181 lb(US) (0.082 kg)		
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m		
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) 0.2 in (4.3 mm) total travel)		
Operating force	3.5 N NC changing electrical state		
Mechanical durability	10000000 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)	
Overvoltage category	Class I conforming to IEC 60536	
IP degree of protection	IP66 IEC 60529 IP67	
NEMA degree of protection	NEMA 13 NEMA 4X	
IK degree of protection	IK06 conforming to IEC 50102	
Standards	CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-1 JIS C8201-5-1 UL 508 IEC 60947-5-5 IEC 60947-5-4 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	3389110887013		
Returnability	Yes		
Country of origin	FR		

Packing Units

PCE	
1	
3.46 in (8.800 cm)	
1.34 in (3.400 cm)	
2.13 in (5.400 cm)	
2.928 oz (83.000 g)	
BB1	
5	
3.46 in (8.800 cm)	
1.34 in (3.400 cm)	
10.43 in (26.500 cm)	
14.780 oz (419.000 g)	
S03	
150	
11.81 in (30.000 cm)	
11.81 in (30.000 cm)	
15.75 in (40.000 cm)	
28.654 lb(US) (12.997 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)	1
Environmental Disclosure	Product Environmental Profile

Use Better

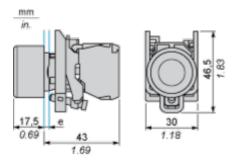
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: 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



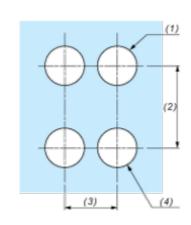
 \boldsymbol{e} : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

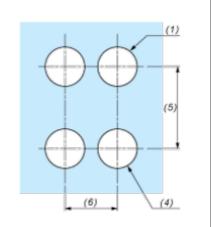
Mounting and Clearance

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

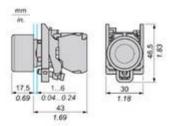


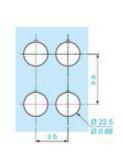


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

Technical Illustration

Dimensions





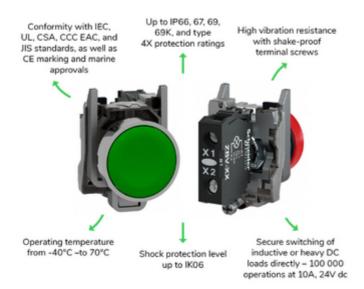
	a (mm)	a (in)	b (mm)	b (in.)
ZBE ZBV	40	1.57	30	1.18
ZBE3 ZBV3	45	1,77	32	1.26
ZBE ZBV		1.57	30	1.18
ZBE S ZBV S	50	1.97	30	1,18
ZBE9 ZBV9	40	1.57	30	1.18
ZBRT• ZBRV1	40	1.57	30	1.18

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative







