

Illuminated push button, Harmony XB4, metal, flush, red, 22mm, spring return, It 250V, 1NO+1NC

XB4BW3465

Main

Range of product	Harmony XB4			
Product or component type	Illuminated push-button			
Device short name	XB4			
Bezel material	Chromium plated metal			
Fixing collar material	Zamak			
Mounting diameter	22.5 mm			
Sale per indivisible quantity	1			
Head type	Standard			
Shape of signaling unit head	Round			
Type of operator	spring return			
Operator profile	Red flush			
Operator additional information	With plain lens			
Contacts type and composition	1 NO + 1 NC			
Contact operation	Slow-break			
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end conforming to IEC 60947-1			
Light source	Bulb not included			
Bulb base	BA 9s			
Light block supply	Direct <2.4 W			
[Us] rated supply voltage	<= 250 V			

Complementary

Height	47 mm			
Width	30 mm			
Depth	57 mm			
Terminals description ISO n°1	(21-22)NC (13-14)NO			
Product weight	0.097 kg			
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m			
Contacts usage	Standard contacts			
Positive opening	With conforming to IEC 60947-5-1 appendix K			

Operating travel	1.5 mm (NC changing electrical state) 2.6 mm (NO changing electrical state)				
	4.3 mm (total travel)				
Operating force	3.5 N NC changing electrical state 3.8 N				
Mechanical durability	10000000 cycles				
Tightening torque	0.81.2 N.m conforming to IEC 60947-1				
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted 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 IEC 60947-5-1				
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1				
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1				
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1				
[le] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to 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 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 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 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 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 IEC 60947-5-1 appendix C				
Electrical reliability	Λ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4				
Signalling type	Steady				
Device presentation	Complete product				
Environment					
Protective treatment	тн				
Ambient air temperature for storage	-4070 °C				
Ambient air temperature for operation	-4055 °C				
Electrical shock protection class	Class I conforming to IEC 60536				
IP degree of protection	IP66 conforming to IEC 60529				

Protective treatment	тн				
Ambient air temperature for storage	-4070 °C				
Ambient air temperature for operation	-4055 °C				
Electrical shock protection class	Class I conforming to IEC 60536				
IP degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K				
NEMA degree of protection	NEMA 13 NEMA 4X				
IK degree of protection	IK06 conforming to IEC 50102				

Standards	IEC 60947-5-5 CSA C22.2 No 14 IEC 60947-5-1 JIS C8201-5-1 IEC 60947-5-4 UL 508 IEC 60947-1 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 (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 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 Height	3.4 cm
Package 1 Width	5.0 cm
Package 1 Length	8.6 cm
Package 1 Weight	96.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	55
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.595 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	
Total lifecycle Carbon footprint	3
Environmental Disclosure	Product Environmental Profile

Use Better

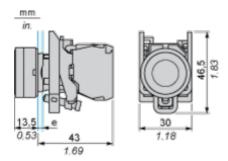
⊗ Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	425812e5-011f-4fb4-ad1b-fc9cf9865300
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

○ Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	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.

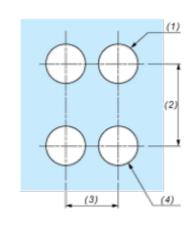
XB4BW3465

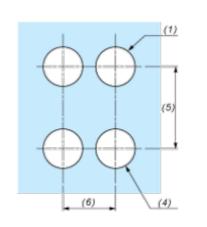
Mounting and Clearance

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

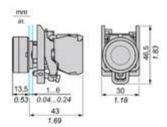


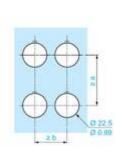


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

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
ZBE1	ZBV		1.57	30	1.18
ZBE5	ZBV 5	50	1.97	30	1.18
ZBE••••9	ZBV••••9		1.57	30	1.18
ZBRT•	ZBRV1	40	1.57	30	1.18

Image of product / Alternate images

Alternative





