



Illuminated push button, Harmony XB4, metal, green flush, 22mm, universal LED, plain lens, 1NO + 1NC, 230...240V AC

XB4BW33M5

Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks EAN Code: 3389110892130

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	Green flush			
Operator additional information	With plain lens			
Contacts type and composition	1 NO + 1 NC			
Contact operation	Slow-break			
Connections - terminals	Screw clamp terminals, <= $2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1 Screw clamp terminals, $1 \times 0.222 \times 2.5 \text{ mm}^2$ without cable end conforming to IEC 60947-1			
Light source	Universal LED			
Bulb base	Integral LED			
[Us] rated supply voltage	230240 V AC at 50/60 Hz			

Complementary

Height	47 mm	
Width	30 mm	
Depth	57 mm	
Terminals description ISO n°1	(13-14)NO (21-22)NC	
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			
Current consumption	14 mA			
Service life	100000 h at rated voltage and 25 °C			
Surge withstand	1 kV conforming to IEC 61000-4-5			
Supply voltage limits	195264 V AC			
Device presentation	Complete product			

Environment

Protective treatment	TH			
Ambient air temperature for storage	-4070 °C			
Ambient air temperature for operation	070 °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	UL 508 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 IEC 60947-5-5 JIS C8201-5-1 IEC 60947-5-4 JIS C8201-1		
Product certifications	BV LROS (Lloyds register of shipping) DNV GL UL listed CSA		
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		
Resistance to fast transients	2 kV conforming to IEC 61000-4-4		
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3		
Resistance to electrostatic discharge	6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2		
Electromagnetic emission	Class B conforming to IEC 55011		

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.800 cm
Package 1 Width	3.400 cm
Package 1 Length	5.400 cm
Package 1 Weight	96.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	100
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	10.140 kg
Unit Type of Package 3	P06
Number of Units in Package 3	800
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	91.244 kg

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	Pro-active compliance (Product out of EU RoHS legal scope)		
Eu Rohs Directive			
China Rohs Regulation	China RoHS declaration		
Environmental Disclosure	Product Environmental Profile		
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins		
Circularity Profile	End of Life Information		

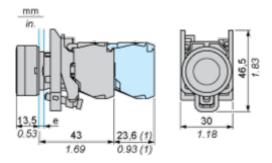
21 Oct 2024

Product datasheet

XB4BW33M5

Dimensions Drawings

Dimensions



- \boldsymbol{e} : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.
- (1) Additional row of contacts or double contact

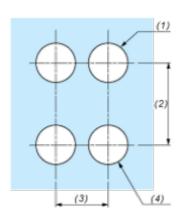
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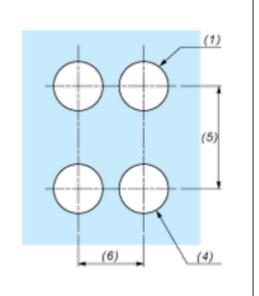
Mounting and Clearance

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

Connection by Screw Clamp Terminals or Plug-in **Connectors or on Printed Circuit Board**

Connection by Faston Connectors



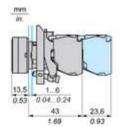


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

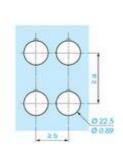
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Technical Illustration

Dimensions







		a (mm)	a (m.)	b (mm)	b (in.)
79E	ZBV••••	40	1.57	30	1.18
Z8E3	4	45	1,77	32	1.26
Z8E4	ZBV	40	1,57	30	1.18
ZBE5	ZBV••••5	50	1,97	30	1.18
Z8E9	ZBV••••9	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



Product datasheet

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Image of product / Alternate images

Alternative

