

Complete body/contact assembly and light block, Harmony XB4, metal, universal LED, body/fixing collar, 2NO, 24V AC DC

ZB4BW0B13

Local distributor code: 237104562

EAN Code: 3389110893106

### Main

Range of product	Harmony XB4					
Product or component type	Complete body/contact assembly and light block					
Device short name	ZB4					
Fixing collar material	Zamak					
Sale per indivisible quantity	1					
Head type	Standard					
Contacts type and composition	2 NO					
Contact operation	Slow-break					
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end conforming to IEC 60947-1					
Light source	Universal LED					
Bulb base	Integral LED					
Light block supply	Direct					
Light source colour	White					
[Us] rated supply voltage	24 V AC/DC at 50/60 Hz					

## Complementary

oompromontary				
CAD overall width	30 mm			
CAD overall height	47 mm			
Terminals description ISO n°1	(13-14)NO			
Net weight	0.074 kg			
Contacts usage	Standard			
Positive opening	Without			
Operating travel	2.6 mm (NO changing electrical state)     4.3 mm (total travel)			
Operating force	2.3 N NO changing electrical state			
Operating torque	0.05 N.m NO changing electrical state			
Mechanical durability	5000000 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			

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	$\Lambda$ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 $\Lambda$ < 10exp(-8) at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4			
Signalling type	Steady			
Supply voltage limits	19.230 V DC 21.626.4 V AC			
Current consumption	18 mA			
Service life	100000 h at rated voltage and 25 °C			
Surge withstand	1 kV conforming to IEC 61000-4-5			

Protective treatment	тн			
Ambient air temperature for storage	-4070 °C			
Ambient air temperature for operation	-4070 °C			
Electrical shock protection class	Class I conforming to IEC 60536			
Standards	IEC 60947-5-5 UL 508 IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-4 JIS C8201-5-1 JIS C8201-1  DNV UL listed LROS (Lloyds register of shipping) BV CSA			
Product certifications				
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 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6		
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	4.500 cm
Package 1 Width	3.500 cm
Package 1 Length	5.400 cm
Package 1 Weight	70.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	4.500 cm
Package 2 Width	3.400 cm
Package 2 Length	26.500 cm
Package 2 Weight	350.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	150
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	10.989 kg

# **Logistical informations**

Country of origin F

# **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.eq.CO2 per CR, Total Life cycle)	7
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

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	Deee1f73-6ec6-4e21-8d08-42313aa4ca17
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration

### Use Again

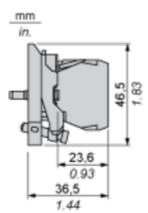
○ Repack and remanufacture	
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Take-back	No

## **Product datasheet**

## **ZB4BW0B13**

## **Dimensions Drawings**

### **Dimensions**

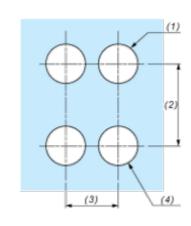


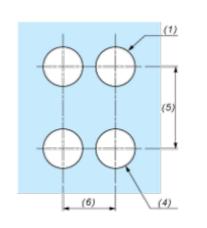
#### Mounting and Clearance

#### 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** 



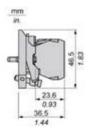


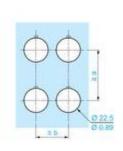
- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm  $_0^{+0.4}$  / 0.88 in.  $_0^{+0.016}$ )
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

## **ZB4BW0B13**

### **Technical Illustration**

### **Dimensions**





		a (mm)	a (in.)	p (mm)	b (in.)
ZBE	ZBV	40	1.57	30	1.18
I		45	1.77	32	1.26
ZBE••••3	ZBV••••3				
Z8E4	78V*****	40	1.57	30	1.18
ZBE5	4	50	1.97	30	1.18
ZBE****9	ZBV••••9	40	1.57	30	1.18
ZBRT•	ZBRV1	40	1.57	30	1.18

Offer Marketing Illustration

#### Product benefits / Features

# **Technical Benefits**

### Harmony XB4



26 Jan 2025

### Offer Marketing Illustration

#### **Product benefits / Features**



Image of product / Alternate images

### **Alternative**









