

# Product data sheet

## Characteristics

# ZB4BV18B5

Harmony XB4, Flashing light block with body/fixing collar, metal, orange, integral LED, 24 V AC/DC



### Main

Range of product	Harmony XB4
Product or component type	Complete body/light block assembly
Device short name	ZB4
Fixing collar material	Zamak
Sale per indivisible quantity	1
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end
Light source	Protected LED
Bulb base	Integral LED
Light source colour	Orange
[Us] rated supply voltage	24 V AC/DC at 50/60 Hz

### Complementary

CAD overall width	30 mm
CAD overall height	47 mm
CAD overall depth	37 mm
Terminals description ISO n°1	(X1-X2)PL
Net weight	0.054 kg
Tightening torque	0.8...1.2 N.m conforming to EN 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
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to EN 60947-1
[Uiimp] rated impulse withstand voltage	EN 60947-1 6 kV
Signalling type	Flashing
Supply voltage limits	19.2...30 V DC 21.6...26.4 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

### Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...70 °C
Electrical shock protection class	Class I conforming to IEC 60536
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-1 JIS C8201-5-1 EN/IEC 60947-5-4 UL 508 EN/IEC 60947-5-5 JIS C8201-1

Product certifications	LROS (Lloyds register of shipping) GL BV DNV UL listed CSA RINA
Vibration resistance	5 gn (f= 2...500 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 Weight	54 g
Package 1 Height	5.6 cm
Package 1 width	3.4 cm
Package 1 Length	5.4 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Weight	270 g
Package 2 Height	5.6 cm
Package 2 width	3.4 cm
Package 2 Length	26.5 cm
Unit Type of Package 3	S03
Number of Units in Package 3	200
Package 3 Weight	11.358 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

### Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<input checked="" type="checkbox"/> <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <input checked="" type="checkbox"/> <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<input checked="" type="checkbox"/> Yes
China RoHS Regulation	<input checked="" type="checkbox"/> <a href="#">China RoHS Declaration</a>
Environmental Disclosure	<input checked="" type="checkbox"/> <a href="#">Product Environmental Profile</a>
Circularity Profile	<input checked="" type="checkbox"/> <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

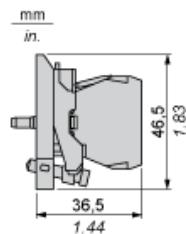
### Contractual warranty

Warranty	18 months
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Dimensions

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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
 <p>(1) (2) (3) (4)</p>	 <p>(1) (5) (6) (4)</p>

(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  $^{+0.4}$  / 0.88 in.  $^{+0.016}$ )  
(5) 45 mm min. / 1.78 in. min.  
(6) 32 mm min. / 1.26 in. min.