

# Product datasheet

Specifications



## orange light block with body/fixing collar integral LED 24V

Local distributor code:

237093356

ZB4BVB5

⚠ Discontinued on: 31 Jan 2023

⚠ End-of-service on: 5 Apr 2023

⚠ Discontinued

**Important message: All colored LED are replaced with a single Universal LED block for use with new illuminated heads (more information at [se.com/harmonyxb4](https://se.com/harmonyxb4) or [se.com/harmonyxb5](https://se.com/harmonyxb5))**  
**EAN Code: 3389110892413**

### 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, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ 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 $\varnothing 4 \text{ mm}$ screwdriver Slotted compatible with flat $\varnothing 5.5 \text{ mm}$ screwdriver
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to EN 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-1
Signalling type	Steady
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

Device presentation	Basic sub-assemblies
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## 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	EN/IEC 60947-5-4 EN/IEC 60947-1 JIS C8201-5-1 EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60947-5-5 UL 508 JIS C8201-1
Product certifications	DNV CSA LROS (Lloyds register of shipping) UL listed GL BV
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 Height	5.600 cm
Package 1 Width	3.400 cm
Package 1 Length	5.400 cm
Package 1 Weight	52.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	200
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	10.835 kg
Unit Type of Package 3	P06
Number of Units in Package 3	1600
Package 3 Height	77.000 cm
Package 3 Width	80.000 cm

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Package 3 Length	60.000 cm
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Package 3 Weight	100.516 kg
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## Contractual warranty

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Warranty (in months)	18
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## Environmental Data

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 >](#)

### 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)

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

WEEE Label

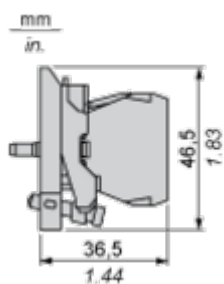


The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

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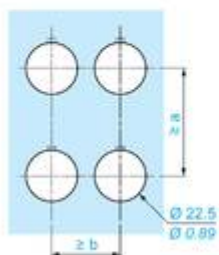
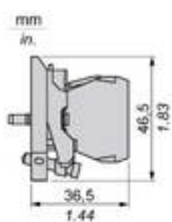
Mounting and Clearance

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
	
<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) <math>\varnothing 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})</math>                  (5) 45 mm min. / 1.78 in. min.                  (6) 32 mm min. / 1.26 in. min.</p>	

Technical Illustration

Dimensions



		a (mm)	a (in.)	b (mm)	b (in.)
		40	1.57	30	1.18
ZBE.....	ZBV.....				
		45	1.77	32	1.26
ZBE.....3	ZBV.....3				
		40	1.57	30	1.18
ZBE.....4	ZBV.....4				
		50	1.97	30	1.18
ZBE.....5	ZBV.....5				
		40	1.57	30	1.18
ZBE.....9	ZBV.....9				
		40	1.57	30	1.18
ZBRT•	ZBRV1				

Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

### Harmony XB4



Offer Marketing Illustration

Product benefits / Features

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The infographic features a central image of a red Schneider XB4 terminal block. It is surrounded by five circular icons, each with a corresponding text description of a feature. The background is a solid green color.

### Features Harmony XB4

-  Quick and easy assembly and disassembly
-  Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board
-  Excellent mechanical connection with operator head
-  Large set of accessories to customize your panels
-  Robustness to withstand harsh environments

Image of product / Alternate images

Alternative

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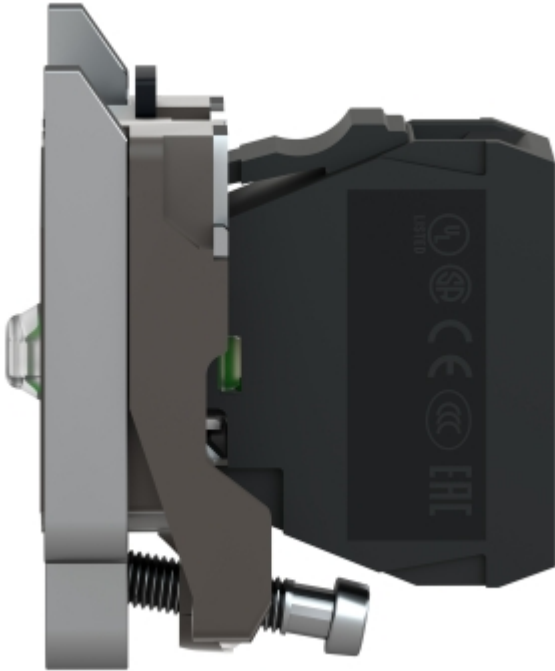






Image of product in real life situation

