

blue light block with body/fixing collar integral LED 24...120V

Local distributor code: 386215962

Discontinued on: 31 January 2023

• End-of-service on: 13 January 2023

① 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 or se.com/harmonyxb5)

EAN Code: 3389110070347

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 mm² with cable end Screw clamp terminals, >= 1 x 0.22 mm² without cable end
Light source	Protected LED
Bulb base	Integral LED
Light source colour	Blue
[Us] rated supply voltage	24120 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
Product weight	0.054 kg
Tightening torque	0.81.2 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
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-1
Signalling type	Steady
Supply voltage limits	19.2132 V DC 21.6132 V AC
Service life	100000 h at rated voltage and 25 °C

Device presentation Beals aub-assemblée Device protective treatment TH		
Environment Protective treatment Ambient air temperature for storage Ambient air temperature for storage Ambient air temperature for poperation Electrical shock protection Cleas I conforming to IEC 60536 Standards ENVIEC 60947-5-5 ISC 5201-6-1 ISC 6201-6-1 ISC 6	Surge withstand	1 kV conforming to IEC 61000-4-5
Protective treatment Ambient air temperature for storage Ambient air temperature for speration Ambient air temperature for speration Ambient air temperature for speration Cleas I conforming to IEC 60536 ENVIEC 60947-5- I ENVIEC 60047-	Device presentation	Basic sub-assemblies
Ambient air temperature for storage Ambient air temperature for storage Ambient air temperature for -4070 °C Peparation Class I conforming to IEC 80838 Standards	Environment	
Ambient air temperature for perature for per	Protective treatment	тн
Electrical shock protection Class I conforming to IEC 60536 Standards ENEC 60847-5-6 INNEC 60847-5-1 ENEC 60847-5-1 INNEC 60847-5 INN	Ambient air temperature for storage	-4070 °C
Standards	Ambient air temperature for operation	-4070 °C
JIS C8201-5-1 ENIEC 600947-1 ENIEC 600947-5-4 CSA C222 No 14 ENIEC 600947-5-4 CSA C222 No 14 ENIEC 600947-5-1 ENIEC 600947-5 ENIEC 600947-5-1 ENIEC 600947-5-1 ENIEC 600947-5-1 ENI	Electrical shock protection class	Class I conforming to IEC 60536
UL islated BV LROS (Lloyds register of shipping) GL CSA Wibration resistance 5 gn (f= 2500 Hz) conforming to IEC 80088-2-8 Shock resistance 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 80088-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 80088-2-27 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 81008-2-2 8 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 81000-2-8 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 81000-2-8 80 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 81000-2-2 8 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 81000-2-2 8 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 81000-2-2 8 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 81000-2-2 8 gn (duration =	Standards	JIS C8201-5-1 EN/IEC 60947-1 EN/IEC 60947-5-4 CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508
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 Sesistance to fast transients 2 kV conforming to IEC 61000-4-4 Resistance to electromagnetic fields 10 V/m conforming to IEC 61000-4-3 desistance to electrostatic alsocharge 8 kV in ree air (in insulating parts) conforming to IEC 61000-2-6 kV in ree air (in insulating parts) conforming to IEC 61000-2-6 desistance to electrostatic alsocharge 1 PCE Packing Units Packing Units Pinit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 5.6 cm Package 1 Length 5.4 cm Package 1 Weight 54 g Unit Type of Package 2 BB1 Unit Type of Package 2 BB1 Solumber of Units in Package 2 BB1 Solumber of Units in Package 3 Solumber o	Product certifications	UL listed BV LROS (Lloyds register of shipping) GL
S0 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60088-2-27 Resistance to fast transients 2 kV conforming to IEC 61000-4-3 Resistance to electromagnetic ields Resistance to electrostatic ischarge 8 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 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC	Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6
Resistance to electromagnetic fields Resistance to electrostatic fields Resistance to electrosted Resistance	Shock resistance	
Resistance to electrostatic 8 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 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 all selections and IEC 61000-2-6 8 kV in IEC 6	Resistance to fast transients	2 kV conforming to IEC 61000-4-4
Electromagnetic emission Class B conforming to IEC 55011 Packing Units Unit Type of Package 1 Package 1 Height Package 1 Width Package 1 Weight Package 1 Weight Package 2 Height Package 2 Height Package 2 Height Package 2 Length Package 2 Length Package 2 Length Package 3 Width	Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3
Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 5.6 cm Package 1 Width 3.4 cm Package 1 Weight 54 g Unit Type of Package 2 BB1 Unit Type of Package 2 BB1 Number of Units in Package 2 5 Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 2 Width 3.4 cm Package 2 Weight 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm	Resistance to electrostatic discharge	
Package 1 Height 5.6 cm Package 1 Width 3.4 cm Package 1 Weight 54 g Unit Type of Package 2 BB1 Number of Units in Package 2 BB1 Number of Units in Package 2 5 Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 2 Width 3.4 cm Package 2 Width 3.4 cm Package 2 Width 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Electromagnetic emission	Class B conforming to IEC 55011
Package 1 Height 5.6 cm Package 1 Width 3.4 cm Package 1 Weight 54 g Unit Type of Package 2 BB1 Number of Units in Package 2 5 Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 3 Width 3.0 cm Package 3 Height 30 cm Package 3 Height 30 cm Package 3 Width 30 cm	Packing Units	
Package 1 Height 5.6 cm Package 1 Width 3.4 cm Package 1 Length 5.4 cm Package 1 Weight 54 g Unit Type of Package 2 BB1 Number of Units in Package 2 5 Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 2 Length 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Unit Type of Package 1	PCE
Package 1 Width 3.4 cm Package 1 Length 5.4 cm Package 1 Weight 54 g Unit Type of Package 2 BB1 Number of Units in Package 2 5 Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 2 Length 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Number of Units in Package 1	1
Package 1 Length 5.4 cm Package 1 Weight 54 g BB1 Number of Units in Package 2 Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 2 Length 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 Number of Units in Package 3 Package 3 Height 30 cm	Package 1 Height	5.6 cm
Package 1 Length 5.4 cm Package 1 Weight 54 g BB1 Number of Units in Package 2 Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 2 Length 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 Number of Units in Package 3 Package 3 Height 30 cm	Package 1 Width	3.4 cm
Unit Type of Package 2 BB1 Number of Units in Package 2 Package 2 Height 5.6 cm Package 2 Width 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 So3 Number of Units in Package 3 Package 3 Height 30 cm Package 3 Width 30 cm	Package 1 Length	5.4 cm
Number of Units in Package 2 5 Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 2 Length 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Package 1 Weight	54 g
Package 2 Height 5.6 cm Package 2 Width 3.4 cm Package 2 Length 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Unit Type of Package 2	BB1
Package 2 Width 3.4 cm Package 2 Length 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Number of Units in Package 2	5
Package 2 Length 26.5 cm Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Package 2 Height	5.6 cm
Package 2 Weight 270 g Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Package 2 Width	3.4 cm
Unit Type of Package 3 S03 Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Package 2 Length	26.5 cm
Number of Units in Package 3 150 Package 3 Height 30 cm Package 3 Width 30 cm	Package 2 Weight	270 g
Package 3 Height 30 cm Package 3 Width 30 cm	Unit Type of Package 3	S03
Package 3 Width 30 cm	Number of Units in Package 3	150
	Package 3 Height	30 cm
Package 3 Length 40 cm	Package 3 Width	30 cm
	Package 3 Length	40 cm

Package 3 Weight 8.638 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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

Contractual warranty

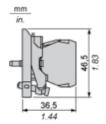
Warranty 18 months

Product datasheet

ZB4BVBG6

Dimensions Drawings

Dimensions



Product datasheet

ZB4BVBG6

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

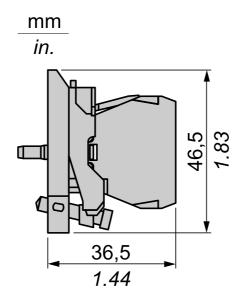
Connection by Faston Connectors

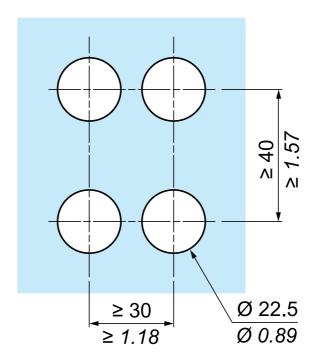
Connection by Faston Connectors

- (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





Recommended replacement(s)

ZB4BVBG6 is replaced by:



Complete body/light block assembly, Harmony XB4, metal, universal LED, body/fixing collar, 24...120V AC DC $\,$

ZB4BVBG1