



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

Local distributor code: 237093327 ZB4BVB3

#### 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	Green
[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	0.81.2 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	19.230 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

Environment Protective treatment Ambient air temperature for storage Ambient air temperature for peretrion  Ambient air temperature for peretrion  Class I conforming to IEC 60538  Standards  ENVIEC 65047-1 CSA C22 2 No 1 4 ENVIEC 55047-3-9 UL 508 ENVIEC 55047-3 UL 508 ENVIE	Device presentation	Basic sub-assemblies
Protective treatment Ambient air temperature for storage Ambient air temperature for operation  -4070 °C		
Ambient air temperature for storage ambient air temperature for personnel of storage ambient air temperature for personnel of the personnel of	Environment	
Ambient air temperature for operation Class I conforming to IEC 60539  Standards  ENIEC 60947-1 CSA C22 2 No. 14 ENIEC 80947-5- JIS C8201-5-1	Protective treatment	TH
Electrical shock protection class  Class I conforming to IEC 80536 class  Standards  ENUEC 60647-5-1 ENUEC 60647-5	Ambient air temperature for storage	-4070 °C
Standards	Ambient air temperature for operation	-4070 °C
CSA C222 No. 14     ENIEC 60947-5-1     ENIEC 60947-5-1     ENIEC 60947-5-4     ENIEC 60948-2-8     ENIEC 60948-2-9     ENIE	Electrical shock protection class	Class I conforming to IEC 60536
CSA BV   GL   U.L listed   LROS (Lloyds register of shipping)	Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-5 UL 508 EN/IEC 60947-5-4 JIS C8201-5-1
Shock resistance 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60088-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60088-2-27 Resistance to fast transients 2 kV conforming to IEC 61000-4-4  Resistance to electromagnetic fields 10 V/m conforming to IEC 61000-4-3 fields Resistance to electrostatic 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  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 52.0 g  Package 1 Height 5.6 cm  Package 1 Length 5.4 cm  Unit Type of Package 2 P06  Number of Units in Package 3 No m  Package 2 Length 60 cm  Unit Type of Package 3 S03  Number of Units in Package 3 S03  Number of Units in Package 3 No m  Package 3 Weight 10.841 kg  Package 3 Weight 10.841 kg  Package 3 Weight 30 cm  Package 3 Weight 30 cm	Product certifications	CSA BV GL UL listed
So gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27  Resistance to electromagnetic fields  Resistance to electrostatic discharge	Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6
Resistance to electromagnetic fields  Resistance to electrostatic discharge  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  Package 1 Weight  9 ce	Shock resistance	
Resistance to electrostatic discharge  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   Package 1 Weight Package 1 PCE  Number of Units in Package 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Resistance to fast transients	2 kV conforming to IEC 61000-4-4
B 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  Package 1 Weight  52.0 g  Package 1 Height  5.6 cm  Package 1 unith  3.4 cm  Package 1 Length  5.4 cm  Unit Type of Package 2  P06  Number of Units in Package 2  Number of Units in Package 2  Package 2 Weight  100.484 kg  Package 2 Height  77 cm  Package 2 Length  60 cm  Unit Type of Package 3  S03  Number of Units in Package 3  S03  Number of Units in Package 3  Weight  10.841 kg  Package 3 Weight  10.841 kg  Package 3 width  30 cm	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 Weight         52.0 g           Package 1 Height         5.6 cm           Package 1 width         3.4 cm           Package 1 Length         5.4 cm           Unit Type of Package 2         P06           Number of Units in Package 2         1600           Package 2 Weight         100.484 kg           Package 2 Height         77 cm           Package 2 width         80 cm           Package 2 Length         60 cm           Unit Type of Package 3         803           Number of Units in Package 3         200           Package 3 Weight         10.841 kg           Package 3 Height         30 cm           Package 3 width         30 cm	Resistance to electrostatic discharge	
Unit Type of Package 1         PCE           Number of Units in Package 1         1           Package 1 Weight         52.0 g           Package 1 Height         5.6 cm           Package 1 width         3.4 cm           Package 1 Length         5.4 cm           Unit Type of Package 2         P06           Number of Units in Package 2         1600           Package 2 Weight         100.484 kg           Package 2 Height         77 cm           Package 2 width         80 cm           Package 2 Length         60 cm           Unit Type of Package 3         S03           Number of Units in Package 3         200           Package 3 Weight         10.841 kg           Package 3 Height         30 cm           Package 3 width         30 cm	Electromagnetic emission	Class B conforming to IEC 55011
Unit Type of Package 1         PCE           Number of Units in Package 1         1           Package 1 Weight         52.0 g           Package 1 Height         5.6 cm           Package 1 width         3.4 cm           Package 1 Length         5.4 cm           Unit Type of Package 2         P06           Number of Units in Package 2         1600           Package 2 Weight         100.484 kg           Package 2 Height         77 cm           Package 2 width         80 cm           Package 2 Length         60 cm           Unit Type of Package 3         S03           Number of Units in Package 3         200           Package 3 Weight         10.841 kg           Package 3 Height         30 cm           Package 3 width         30 cm	Packing Units	
Package 1 Weight       52.0 g         Package 1 Height       5.6 cm         Package 1 width       3.4 cm         Package 1 Length       5.4 cm         Unit Type of Package 2       P06         Number of Units in Package 2       1600         Package 2 Weight       100.484 kg         Package 2 Height       77 cm         Package 2 width       80 cm         Package 2 Length       60 cm         Unit Type of Package 3       S03         Number of Units in Package 3       200         Package 3 Weight       10.841 kg         Package 3 Height       30 cm         Package 3 width       30 cm	Unit Type of Package 1	PCE
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Package 1 width       3.4 cm         Package 1 Length       5.4 cm         Unit Type of Package 2       P06         Number of Units in Package 2       1600         Package 2 Weight       100.484 kg         Package 2 Height       77 cm         Package 2 width       80 cm         Package 2 Length       60 cm         Unit Type of Package 3       S03         Number of Units in Package 3       200         Package 3 Weight       10.841 kg         Package 3 Height       30 cm         Package 3 width       30 cm	Package 1 Weight	52.0 g
Package 1 Length 5.4 cm  Unit Type of Package 2 P06  Number of Units in Package 2 1600  Package 2 Weight 100.484 kg  Package 2 Height 77 cm  Package 2 width 80 cm  Package 2 Length 60 cm  Unit Type of Package 3 S03  Number of Units in Package 3 200  Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Package 1 Height	5.6 cm
Unit Type of Package 2 P06  Number of Units in Package 2 1600  Package 2 Weight 100.484 kg  Package 2 Height 77 cm  Package 2 width 80 cm  Package 2 Length 60 cm  Unit Type of Package 3 S03  Number of Units in Package 3 200  Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Package 1 width	3.4 cm
Number of Units in Package 2 1600  Package 2 Weight 100.484 kg  Package 2 Height 77 cm  Package 2 width 80 cm  Package 2 Length 60 cm  Unit Type of Package 3 S03  Number of Units in Package 3 200  Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Package 1 Length	5.4 cm
Package 2 Weight 100.484 kg  Package 2 Height 77 cm  Package 2 width 80 cm  Package 2 Length 60 cm  Unit Type of Package 3 S03  Number of Units in Package 3 200  Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Unit Type of Package 2	P06
Package 2 Height 77 cm  Package 2 width 80 cm  Package 2 Length 60 cm  Unit Type of Package 3 S03  Number of Units in Package 3 200  Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Number of Units in Package 2	1600
Package 2 width 80 cm  Package 2 Length 60 cm  Unit Type of Package 3 S03  Number of Units in Package 3 200  Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Package 2 Weight	100.484 kg
Package 2 Length 60 cm  Unit Type of Package 3 S03  Number of Units in Package 3 200  Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Package 2 Height	77 cm
Unit Type of Package 3 S03  Number of Units in Package 3 200  Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Package 2 width	80 cm
Number of Units in Package 3 200 Package 3 Weight 10.841 kg Package 3 Height 30 cm Package 3 width 30 cm	Package 2 Length	60 cm
Package 3 Weight 10.841 kg  Package 3 Height 30 cm  Package 3 width 30 cm	Unit Type of Package 3	S03
Package 3 Height 30 cm  Package 3 width 30 cm	Number of Units in Package 3	200
Package 3 width 30 cm	Package 3 Weight	10.841 kg
	Package 3 Height	30 cm
Package 3 Length 40 cm	Package 3 width	30 cm
	Package 3 Length	40 cm

## 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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
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**

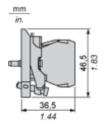
Warranty	18 months	
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# **Product datasheet**

# **ZB4BVB3**

Dimensions Drawings

#### **Dimensions**



## **Product datasheet**

## **ZB4BVB3**

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.