

Product data sheet

Specifications



Light block for head 22mm, Harmony XB4, green, integral LED, 24V AC DC

ZBVB3

! Discontinued on: 31 January 2023

! To be discontinued

Main

Range of product	Harmony XB4 Harmony XB5
Product or component type	Light block
Device short name	ZBV
Sale per indivisible quantity	5
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN 60947-1
Signalling type	Steady
Light source	Protected LED
Bulb base	Integral LED
Light block supply	Direct
Light source colour	Green
[Us] rated supply voltage	24 V AC/DC at 50/60 Hz

Complementary

Net weight	0.017 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
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
Mounting of block	Front mounting
Electrical composition code	M1 M2 M3 M4 M5 M6 M10 MF1 P1

P2
PF1

Device presentation Basic element

Environment

Protective treatment TH

Ambient air temperature for storage -40...70 °C

Ambient air temperature for operation -40...70 °C

IP degree of protection IP20 conforming to IEC 60529

Standards
UL 508
EN/IEC 60947-5-5
EN/IEC 60947-5-1
EN/IEC 60947-1
CSA C22.2 No 14
JIS C8201-5-1
EN/IEC 60947-5-4
JIS C8201-1

Product certifications
CSA
UL listed

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 61000-4-2
8 kV in free air (in insulating parts) conforming to IEC 61000-4-2

Electromagnetic emission
Class B conforming to IEC 55011
24 V

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 1.000 cm

Package 1 Width 3.500 cm

Package 1 Length 4.000 cm

Package 1 Weight 9.000 g

Unit Type of Package 2 BB1

Number of Units in Package 2 5

Package 2 Height 4.500 cm

Package 2 Width 5.500 cm

Package 2 Length 5.500 cm

Package 2 Weight 52.000 g

Unit Type of Package 3 S03

Number of Units in Package 3 800

Package 3 Height 30.000 cm

Package 3 Width 30.000 cm

Package 3 Length 40.000 cm

Package 3 Weight 8.657 kg

Offer Sustainability

Sustainable offer status Green Premium product

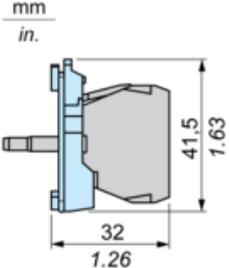
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

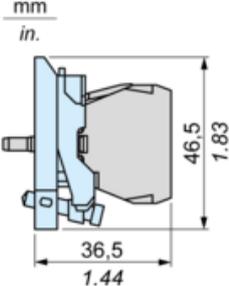
Warranty	18 months
-----------------	-----------

Dimensions

with ZB5AZ009 Fixing Collar



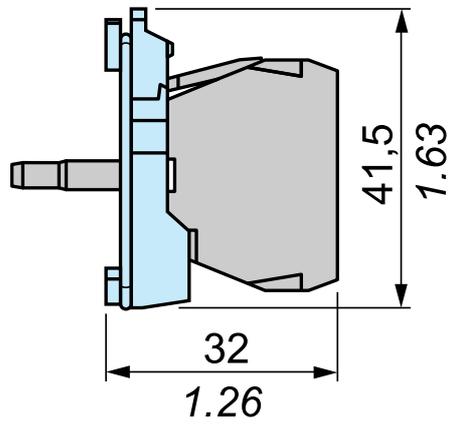
with ZB4BZ009 Fixing Collar



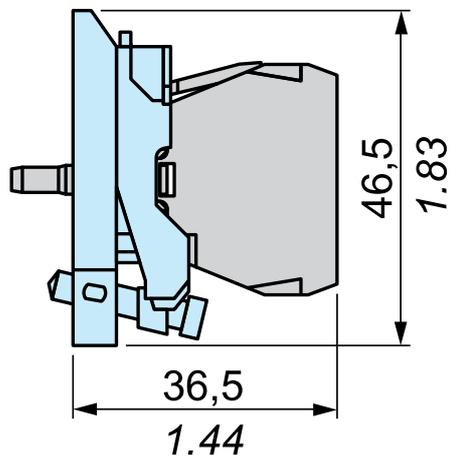
Dimensions

mm
in.

+ ZB5AZ009



+ ZB4BZ009



Recommended replacement(s)

ZBVB3 is replaced by:

1x



Light block, Harmony XB4 XB5, white, for head 22mm, universal LED, screw clamp terminals, 24V AC DC
ZBVB1