

Product data sheet

Specifications



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

ZBVB5

⚠ Discontinued on: 31 January 2023

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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)

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, <= 2 x 1.5 mm² with cable end conforming to EN 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² 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	Orange
[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 Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 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	JIS C8201-5-1 EN/IEC 60947-1 EN/IEC 60947-5-4 UL 508 EN/IEC 60947-5-5 CSA C22.2 No 14 EN/IEC 60947-5-1 JIS C8201-1
Product certifications	UL listed CSA
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	4.4 cm
Package 1 Width	5.4 cm
Package 1 Length	5.6 cm
Package 1 Weight	10.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	4.4 cm
Package 2 Width	5.4 cm
Package 2 Length	5.6 cm
Package 2 Weight	51.0 g
Unit Type of Package 3	S03
Number of Units in Package 3	800
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	8.756 kg

Offer Sustainability

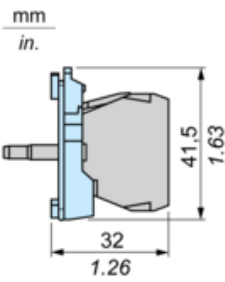
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental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

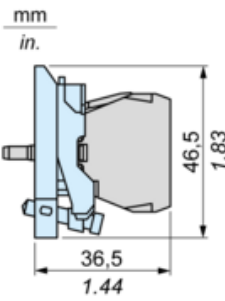
Warranty	18 months
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Dimensions

with ZB5AZ009 Fixing Collar



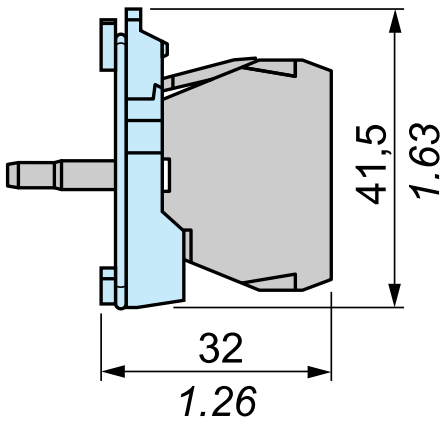
with ZB4BZ009 Fixing Collar



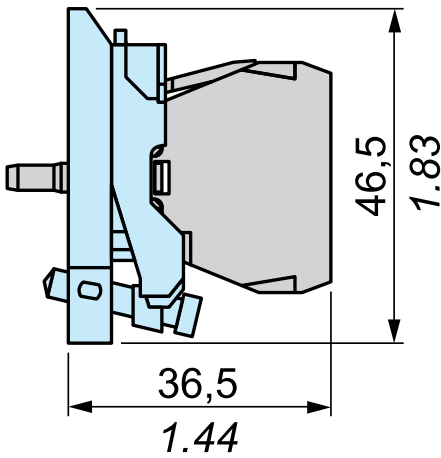
Dimensions

mm
in.

+ ZB5AZ009



+ ZB4BZ009



Recommended replacement(s)

ZBVB5 is replaced by:

1x



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

ZBVB1