

Product datasheet

Specifications



Light block for head 22mm,
Harmony XB5N XB7N, red, integral
LED, 24V AC DC

ZBVB4N

Main

Range of product	Harmony XB5N/XB7N
Product or component type	Light block
Device short name	ZBV
Sale per indivisible quantity	20

Complementary

CAD overall width	10 mm
CAD overall height	32 mm
CAD overall depth	45 mm
Terminals description ISO n°1	(21-22)X1-X2
Net weight	0.017 kg
Connections - terminals	Captive screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1 Screw clamp terminal, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to IEC 60947-1
Tightening torque	0.8...1.2 N.m conforming to IEC 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
Signalling type	Steady
Light source	Integral LED
Light block supply	Direct
Light source colour	Red
[Us] rated supply voltage	24 V AC/DC at 50/60 Hz
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

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C

Standards	IEC 60947-5-4 IEC 60947-1 IEC 60947-5-1 IS 13947-5-1
Product certifications	CE
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.5 cm
Package 1 Width	3 cm
Package 1 Length	3 cm
Package 1 Weight	10 g
Unit Type of Package 2	BB1
Number of Units in Package 2	20
Package 2 Height	6 cm
Package 2 Width	8 cm
Package 2 Length	11 cm
Package 2 Weight	224 g
Unit Type of Package 3	S03
Number of Units in Package 3	400
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	5175 g

Contractual warranty

Warranty	18 months
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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.

[How this information helps you >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	5
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Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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China RoHS Regulation	China RoHS declaration
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Use Again

Repack and remanufacture

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

Take-back

No

Image of product / Alternate images

Alternative

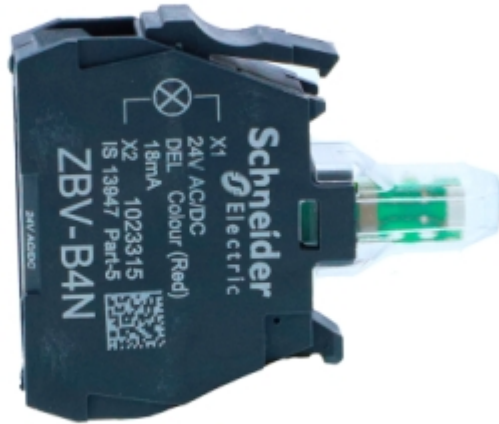




Image of product in real life situation

