

# ZBVB4

red light block for head Ø22 integral LED 24V  
screw clamp terminals



## Main

Range of product	Harmony XB5 Harmony XB4
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	Red
[Us] rated supply voltage	24 V AC/DC, 50/60 Hz

## Complementary

Product weight	0.017 kg
Tightening torque	0.8...1.2 N.m conforming to EN 60947-1
Shape of screw head	Cross head compatible with Philips no 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Slotted head compatible with flat Ø 5.5 mm screwdriver Cross head compatible with pozidriv No 1 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

## Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
IP degree of protection	IP20 conforming to IEC 60529
Standards	EN/IEC 60947-5-1 EN/IEC 60947-5-5 UL 508 JIS C 4520 EN/IEC 60947-5-4 CSA C22-2 No 14 EN/IEC 60947-1
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	8 kV in free air (in insulating parts) conforming to IEC 61000-4-2 6 kV on contact (on metal parts) conforming to IEC 61000-4-2
Electromagnetic emission	Class B conforming to IEC 55011

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