Product data sheet
Characteristics

ZBVJ1
Light block, Harmony XB4 XB5, white, for head 22mm, universal LED, screw clamp terminals, 12V AC DC



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, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1
Signalling type	Steady
Light source	Universal LED
Bulb base	Integral LED
Light block supply	Direct
Light source colour	White
[Us] rated supply voltage	12 V AC/DC at 50/60 Hz

Complementary

Net weight	0.017 Kg
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 Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
Supply voltage limits	10…15 V DC 10.2…13.8 V AC
Current consumption	15 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 IEC 60947-1 IEC 60947-5-5 UL 508 IEC 60947-5-1 IEC 60947-5-4 CSA C22.2 No 14 JIS C8201-1
Product certifications	UL listed[RETURN]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
[Us] rated supply voltage	12 V

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.600 Cm
Package 1 Width	4.400 Cm
Package 1 Length	5.400 Cm
Package 1 Weight	9.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	5.600 Cm
Package 2 Width	4.400 Cm
Package 2 Length	5.400 Cm
Package 2 Weight	52.000 G
Unit Type of Package 3	S02
Number of Units in Package 3	400
Package 3 Height	15 Cm
Package 3 Width	30 Cm
Package 3 Length	40 Cm
Package 3 Weight	4.370 Kg

Offer Sustainability

Recyclability potential, in %	15
Total lifecycle Carbon footprint	2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.0841781701
Carbon footprint of the manufacturing phase [A1 to A3]	0.1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0031427769
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0072036838
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2.0553552632
Carbon footprint of the use phase [B2, B3, B4, B6]	2 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.0103232745
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.

Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	2
Average percentage of recycled plastic content	30 %
Average percentage of recycled metal content	10 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	E148b25a-d37b-4237-bc1f-74823046728d
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, wh
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised