Product datasheet

Specifications

Green Premium™

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

ZALVB6

⊗ Discontinued on: 11 April 2023

⊘ **Discontinued**

Main

Range of product	Harmony XAL
Product or component type	Light block
Device short name	ZALV
Product destination	For XB5 Ø 22 mm control and signalling units
Mounting of block	Rear mounting
Sale per indivisible quantity	5
Light source colour	Blue
[Us] rated supply voltage	24 V AC/DC

Complementary

Assembly style	For customer assembly
Product weight	0.015 kg
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to EN/IEC 60947-1
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
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1
Signalling type	Steady
Light source	Integrated and protected LED
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 61000-5-1
Light block supply	Direct
Bulb base	Integral LED

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical composition code	MR1 PR1

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	EN/IEC 60947-5-4 CSA C22.2 No 14 UL 508 JIS C8201-5-1 EN/IEC 60947-1 EN/IEC 60947-5-5 EN/IEC 60947-5-1 JIS C8201-1
Product certifications	CSA UL listed
Vibration resistance	5 gn (f= 12…500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to EN/IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to EN/IEC 60068-2-27
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	4.300 cm
Package 1 Width	1.000 cm
Package 1 Length	3.200 cm
Package 1 Weight	10.000 g
Unit Type of Package 2	BB2
Number of Units in Package 2	5
Package 2 Height	5.700 cm
Package 2 Width	4.400 cm
Package 2 Length	5.300 cm
Package 2 Weight	57.000 g
Unit Type of Package 3	BB1
Number of Units in Package 3	25
Package 3 Height	5.700 cm
Package 3 Width	4.400 cm
Package 3 Length	26.600 cm
Package 3 Weight	285.000 g

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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
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months

Recommended replacement(s)

ZALVB6 is replaced by:

1x		Light block, Harmony XALD, XALK, white, for head 22mm, universal LED, mounting in back of enclosure, 230...240V AC ZALVB1