Product data sheet
Characteristics

ZALVB1
Light block, Harmony XALD, XALK, for head 22mm, universal LED, mounting in back of enclosure, 24V AC DC



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	White
[Us] rated supply voltage	24 V AC/DC

Complementary

Assembly style	For customer assembly
Net weight	0.015 Kg
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
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
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	4 KV conforming to IEC 60947-1
Signalling type	Steady
Light source	Universal LED
Supply voltage limits	19.2…30 V DC 21.6…26.4 V AC
Current consumption	15 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
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	IEC 60947-5-5 IEC 60947-5-4 IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 UL 508 JIS C8201-1
Product certifications	UL listed[RETURN]CSA
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 IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to 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	5.600 Cm
Package 1 Width	4.400 Cm
Package 1 Length	5.400 Cm
Package 1 Weight	11.000 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	57.000 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	4.865 Kg

Offer Sustainability

Recyclability potential, in %	15
Total lifecycle Carbon footprint	5 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.1402969502
Carbon footprint of the manufacturing phase [A1 to A3]	0.1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0052379615
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0120061396
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	4.9328526316
Carbon footprint of the use phase [B2, B3, B4, B6]	5 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes

Carbon footprint of the end-of-life phase [C1 to C4]	0.0172054575
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	5
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	F4331c57-9aed-49df-9448-e3367cbacc5b
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
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