



## 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	48...120 V AC

## Complementary

Assembly style	For customer assembly
Net weight	0.03 lb(US) (0.015 kg)
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN/IEC 60947-1
Tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1
Shape of screw head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV EN/IEC 60947-1
Signalling type	Steady
Light source	Integrated and protected LED
Supply voltage limits	40...132 V AC
Current consumption	14 mA
Service life	100000 h at rated voltage and 25 °C
Surge withstand	1 kV IEC 61000-5-1

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

Light block supply	Direct
Bulb base	Integral LED
Electrical composition code	MR1 PR1

## Environment

Protective treatment	TH
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
IP degree of protection	IP20 conforming to IEC 60529
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 JIS C8201-5-1 EN/IEC 60947-5-4 EN/IEC 60947-1 UL 508 EN/IEC 60947-5-5 JIS C8201-1
Product certifications	CSA UL listed
Vibration resistance	5 gn 12...500 Hz)IEC 60068-2-6
Shock resistance	30 gn 18 ms) half sine wave acceleration EN/IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration EN/IEC 60068-2-27
Resistance to fast transients	2 kV conforming to IEC 61000-4-4
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) 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 Weight	0.42 oz (12 g)
Package 1 Height	1.34 in (3.4 cm)
Package 1 width	2.13 in (5.4 cm)
Package 1 Length	2.20 in (5.6 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Weight	2.15 oz (61 g)
Package 2 Height	1.34 in (3.4 cm)
Package 2 width	2.13 in (5.4 cm)
Package 2 Length	2.20 in (5.6 cm)
Unit Type of Package 3	S02
Number of Units in Package 3	400
Package 3 Weight	11.21 lb(US) (5.087 kg)
Package 3 Height	5.91 in (15 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>

Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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
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