



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	Mounting on a plate in back of enclosure
Sale per indivisible quantity	5
Light source colour	Red
[Us] rated supply voltage	24 V AC/DC

Complementary

Assembly style	For customer assembly
Product weight	0,015 kg
Connections - terminals	Screw clamp terminals $\geq 1 \times 0.22 \text{ mm}^2$ without cable end EN/IEC 60947-1 Screw clamp terminals $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN/IEC 60947-1
Tightening torque	0,8...1,2 N.m EN 60947-1
Shape of screw head	Cross pozidriv No 1 Cross Philips no 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
[Ui] rated insulation voltage	250 V 3 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	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 IEC 61000-5-1

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 IEC 60529
Standards	CSA C22-2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 JIS C 4520 UL 508
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 IEC 61000-4-4
Resistance to electromagnetic fields	10 V/m IEC 61000-4-3

Resistance to electrostatic discharge	6 kV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2
Electromagnetic emission	Class B IEC 55011
RoHS EUR conformity date	0727
RoHS EUR status	Compliant