

Product Datasheet

Characteristic

ZB4BVBG4

red light block with body/fixing collar
integral LED 24...120V



Main

range of product	Harmony XB4
product or component type	Complete body/light block assembly
device short name	ZB4
fixing collar material	Zamak
sale per indivisible quantity	1
connections - terminals	Screw clamp terminals: $\leq 2 \times 1.5 \text{ mm}^2$ with cable end Screw clamp terminals: $\geq 1 \times 0.22 \text{ mm}^2$ without cable end
light source	Protected LED
bulb base	Integral LED
light source colour	Red
[Us] rated supply voltage	24...120 V AC/DC, 50/60 Hz

Complementary

CAD overall width	1.18 in (30 mm)
CAD overall height	1.85 in (47 mm)
CAD overall depth	1.46 in (37 mm)
terminals description ISO n°1	(X1-X2)PL
product weight	0.12 lb(US) (0.054 kg)
tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN 60947-1
shape of screw head	Cross head compatible with Philips no 1 screwdriver Cross head compatible with pozidriv No 1 screwdriver Slotted head compatible with flat $\varnothing 4 \text{ mm}$ screwdriver Slotted head compatible with flat $\varnothing 5.5 \text{ mm}$ screwdriver
[Ui] rated insulation voltage	600 V (degree of pollution: 3) conforming to EN 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-1
signalling type	Steady
supply voltage limits	19.2...132 V DC 21.6...132 V AC
service life	100000 h at rated voltage and 25 °C
surge withstand	1 kV conforming to IEC 61000-4-5
device presentation	Basic sub-assemblies

Environment

protective treatment	TH
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ambient air temperature for storage	-40...158 °F (-40...70 °C)
ambient air temperature for operation	-40...158 °F (-40...70 °C)
electrical shock protection class	Class I conforming to IEC 60536
standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 UL 508 JIS C8201-5-1 JIS C8201-1
product certifications	BV CSA DNV GL LROS (Lloyds register of shipping) RINA UL listed
vibration resistance	5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) 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	9.14 V/yd (10 V/m) conforming to IEC 61000-4-3
resistance to electrostatic discharge	6 kV on contact (on metal parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6
electromagnetic emission	Class B conforming to IEC 55011