Product data sheet Characteristics

ZB4BVM1

white light block with body/fixing collar integral LED 230...240V

Main	
Commercial Status	Commercialised
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: >= 1 x 0.22 mm² without cable end Screw clamp terminals: <= 2 x 1.5 mm² with cable end
Light source	Protected LED
Bulb base	Integral LED
Light source colour	White
[Us] rated supply voltage	230240 V AC, 50/60 Hz

Complementary

CAD overall width	30 mm	
CAD overall height	47 mm	
CAD overall depth	37 mm	
Terminals description ISO n°1	(X1-X2)PL	
Product weight	0.054 kg	
Tightening torque	0.81.2 N.m conforming to EN 60947-1	
Shape of screw head	Slotted head compatible with flat Ø 5.5 mm screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Cross head compatible with pozidriv No 1 screwdriver Cross head compatible with Philips no 1 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	195264 V AC	
Current consumption	14 mA	
Service life	100000 h at rated voltage and 25 °C	
Surge withstand	1 kV conforming to IEC 61000-4-5	

Environment

Protective treatment	TH	
Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-2570 °C	
Class of protection against electric shock	Class I conforming to IEC 60536	
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	BV
	CSA
	DNV
	GL
	LROS (Lloyds register of shipping)
	RINA
	UL listed
Vibration resistance	5 gn (f = 2500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27
	30 gn for 18 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	10 V/m conforming to IEC 61000-4-3
Resistance to electrostatic discharge	8 kV in free air (in insulating parts) conforming to IEC 61000-2-6
	6 kV on contact (on metal parts) conforming to IEC 61000-2-6
Electromagnetic emission	Class B conforming to IEC 55011
Contractual warranty	
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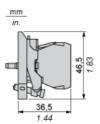
Period	18 months



Product data sheet Dimensions Drawings

ZB4BVM1

Dimensions



ZB4BVM1

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Connection by Faston Connectors Printed Circuit Board (2) (5) (3) (6)

- (1) (2) (3) Diameter on finished panel or support
- 40 mm min. / 1.57 in. min.
- 30 mm min. / 1.18 in. min.
- Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0$ $^{+0.4}$ / 0.88 in. $_0$ $^{+0.016}$)
- 45 mm min. / 1.78 in. min.
- (5) (6) 32 mm min. / 1.26 in. min.