ZB5AVM5TQ

light block ZB4BVM5 sold by 100



Range of product	Harmony XB5	
Product or component type	Complete body/light block assembly	
Device short name	ZB5	
Fixing collar material	Plastic	- Speci
Sale per indivisible quantity	100	s for
Connections - terminals	Screw clamp terminals : <= 2 x 1.5 mm² with cable end conforming to EN 60947-1 Screw clamp terminals : >= 1 x 0.22 mm² without cable end conforming to EN 60947-1	product
Light source	Protected LED	
Bulb base	Integral LED	ity of
Light source colour	Orange	——iideila

Complementary

CAD overall width 30 mm CAD overall height 42 mm CAD overall depth 32 mm Terminals description ISO n°1 (X1-X2)PL Tightening torque 0.81.2 N.m conforming to 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 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 [Us] rated supply voltage 230240 V AC, 50/60 Hz Supply voltage limits 195264 V AC Current consumption 14 mA Service life 100000 h at rated voltage and 25 °C			
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Current consumption 14 mA Service life 100000 h at rated voltage and 25 °C	[Us] rated supply voltage	230240 V AC, 50/60 Hz	ndpd
Service life 100000 h at rated voltage and 25 °C	Supply voltage limits	195264 V AC	- inte
	Current consumption	14 mA	- C
Surge withstand 1 kV conforming to IEC 61000-4-5	Service life	100000 h at rated voltage and 25 °C	- di
	Surge withstand	1 kV conforming to IEC 61000-4-5	- Imen

Environment

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Protective treatment	TH

Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C
Electrical shock protection class	Class II conforming to IEC 60536
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 UL 508 CSA C22.2 No 14
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	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 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6
Electromagnetic emission	Class B conforming to IEC 55011

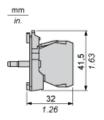
Contractual warranty

Warranty period	18 months
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Product data sheet Dimensions Drawings

ZB5AVM5TQ

Dimensions

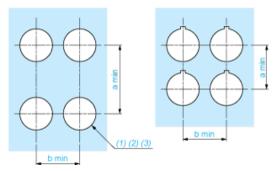


Product data sheet Mounting and Clearance

ZB5AVM5TQ

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

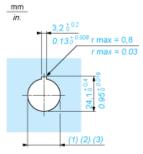
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) (3) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. \varnothing 22.5 mm recommended (\varnothing 22.3 $_0^{+0.4}$) / \varnothing 0.89 in. recommended (\varnothing 0.88 in. $_0^{+0.016}$)

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

Detail of Lug Recess



- Diameter on finished panel or support
- For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (1) (2) (3) Ø22.5 mm recommended (Ø22.3 $_0$ $^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_0$ $^{+0.016}$)