ZB5AVM4

Light block with body fixing collar, Harmony XB5, plastic, red, integral LED, 230...240V AC



Main	
Range of Product	Harmony XB5
Product or Component Type	Complete body/light block assembly
Device short name	ZB5
Fixing collar material	Plastic
Sale per indivisible quantity	1
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm ² with cable end EN 60947-1
	Screw clamp terminals, >= 1 x 0.22 mm ² without cable end EN 60947-1
Light source	Protected LED
Bulb base	Integral LED
Light source colour	Red

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CAD overall width	1.18 in (30 mm)	
CAD overall height	1.65 in (42 mm)	
CAD overall depth	1.26 in (32 mm)	
Terminals description ISO n°1	(X1-X2)PL	
Net Weight	0.05 lb(US) (0.022 kg)	
Tightening torque	7.0810.62 lbf.in (0.81.2 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	600 V 3)EN 60947-1	
[Uimp] rated impulse withstand voltage	6 kV 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	
Surge withstand	1 kV IEC 61000-4-5	
Device presentation	Basic sub-assemblies	

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)
Electrical shock protection class	Class II IEC 60536
Standards	UL 508 JIS C8201-5-1 EN/IEC 60947-1 EN/IEC 60947-5-4 EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1

Product Certifications	BV	
	GL	
	LROS (Lloyds register of shipping)	
	DNV	
	UL Listed	
	CSA	
Vibration resistance	5 gn 2500 Hz)IEC 60068-2-6	
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27	
	50 gn 11 ms) half sine wave acceleration IEC 60068-2-27	
Resistance to fast transients	2 kV IEC 61000-4-4	
Resistance to electromagnetic fields	9.14 V/m (10 V/m) IEC 61000-4-3	
Resistance to electrostatic discharge	6 KV on contact (on metal parts) IEC 61000-2-6	
-	8 kV in free air (in insulating parts) IEC 61000-2-6	
Electromagnetic emission	Class B IEC 55011	

Ordering and shipping details

Category	22469-PUSHBUTTON,22MM ACCESSORIES-NEW
Discount Schedule	CS2
GTIN	3389110907995
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.24 in (5.7 cm)
Package 1 Width	1.34 in (3.4 cm)
Package 1 Length	2.09 in (5.3 cm)
Package 1 Weight	0.71 oz (20.0 g)
Unit Type of Package 2	P06
Number of Units in Package 2	1600
Package 2 Height	29.53 in (75.0 cm)
Package 2 Width	23.62 in (60.0 cm)
Package 2 Length	31.50 in (80.0 cm)
Package 2 Weight	110.26 lb(US) (50.012 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	200
Package 3 Height	11.81 in (30.0 cm)
Package 3 Width	11.81 in (30.0 cm)
Package 3 Length	15.75 in (40.0 cm)
Package 3 Weight	10.05 lb(US) (4.558 kg)

Offer Sustainability

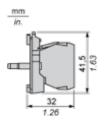
Sustainable offer status	status Green Premium product		
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov		
REACh Regulation	☑ REACh Declaration		
REACh free of SVHC	Yes		
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration		
Mercury free	Yes		
RoHS exemption information	₫Yes		
China RoHS Regulation	China RoHS Declaration		
Environmental Disclosure	Product Environmental Profile		

Circularity Profile	☑ End Of Life Information	
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	

Product data sheet Dimensions Drawings

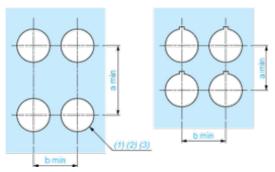
ZB5AVM4

Dimensions



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

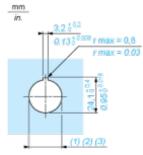
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



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



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