

ZB5AV5

Complete body/light block assembly, Harmony XB5, XB4, light, with body/fixing collar, BA9s, incandescent bulb, 400V 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, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to IEC 60947-1
Light source	Incandescent
Bulb base	BA 9s
Light block supply	Via integral transformer 1.2 VA 6 V

Complementary

CAD overall width	30 mm
CAD overall height	42 mm
CAD overall depth	55 mm
Terminals description ISO n°1	(X1-X2)PL
Net weight	0.099 kg
Tightening torque	0.8...1.2 N.m conforming to IEC 60947-1
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
Signalling type	Steady
[Us] rated supply voltage	400 V AC at 50/60 Hz
Mounting of block	Front mounting
Electrical composition code	P4 M9
Device presentation	Basic sub-assemblies

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...55 °C
Electrical shock protection class	Class II conforming to IEC 60536
Standards	IEC 60947-5-1 IEC 60947-5-4 CSA C22.2 No 14 IEC 60947-1 UL 508 JIS C8201-5-1 JIS C8201-1
Product certifications	LROS (Lloyds register of shipping)[RETURN]DNV[RETURN]UL listed[RETURN]GL[RETURN]CSA[RETURN]JBV

Vibration resistance	5 gn (f= 2...500 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.400 cm
Package 1 Width	5.000 cm
Package 1 Length	8.400 cm
Package 1 Weight	98.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	8.800 cm
Package 2 Width	3.400 cm
Package 2 Length	26.500 cm
Package 2 Weight	489.000 g
Unit Type of Package 3	S02
Number of Units in Package 3	50
Package 3 Height	15.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	5.183 kg

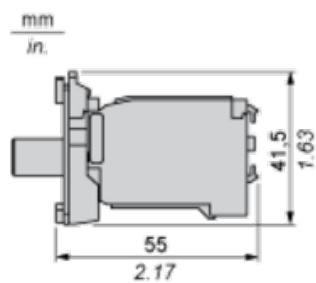
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

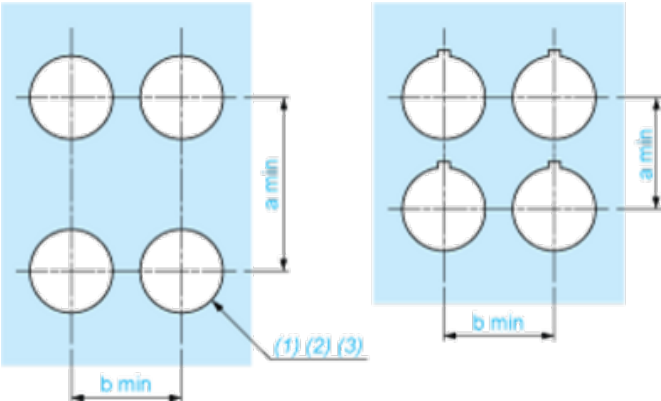
Warranty	18 months
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Dimensions



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

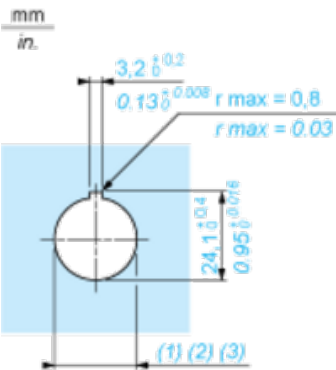
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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 (Ø22.3₀^{+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



- (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 (Ø22.3₀^{+0.4}) / Ø0.89 in. recommended (Ø0.88 in.₀^{+0.016})