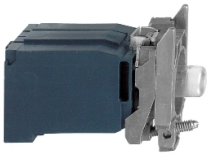
Product data sheet

Specifications



Light block with body fixing collar, Harmony XB4, metal, with BA9s bulb, 230...240V AC

ZB4BV4

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, <= 2 x 1.5 mm² with cable end Screw clamp terminals, >= 1 x 0.22 mm² without cable end
Light source	Incandescent
Bulb base	BA 9s
Light block supply	Via integral transformer 1.2 VA 6 V
[Us] rated supply voltage	230...240 V AC at 50/60 Hz

Complementary

CAD overall width	30 mm
CAD overall height	47 mm
CAD overall depth	60 mm
Terminals description ISO n°1	(X1-X2)PL
Product weight	0.13 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
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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient air temperature for operation	-40…55 °C
Electrical shock protection class	Class I conforming to IEC 60536
IP degree of protection	IP20
Standards	IEC 60947-1 UL 508 IEC 60947-5-5 JIS C8201-5-1 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-4 JIS C8201-1
Product certifications	DNV UL listed LROS (Lloyds register of shipping) BV CSA
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	8.8 cm
Package 1 Width	3.4 cm
Package 1 Length	5.4 cm
Package 1 Weight	129.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.758 kg

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	94
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	E148b25a-d37b-4237-bc1f-74823046728d
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

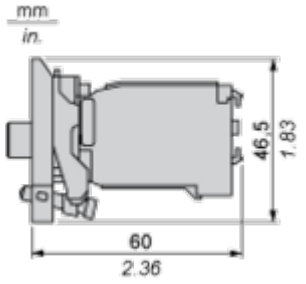
Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

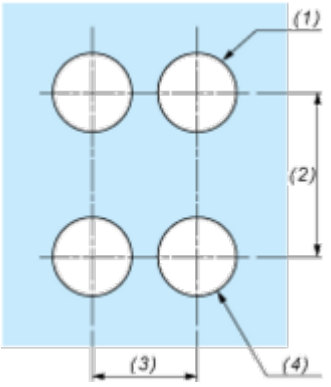
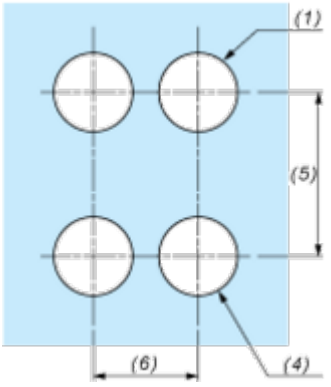
Dimensions Drawings

Dimensions



Mounting and Clearance

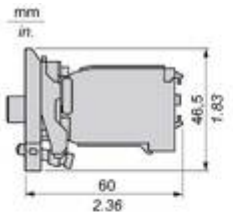
Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

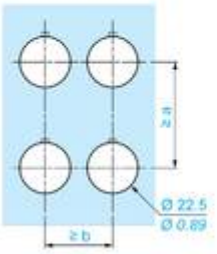
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board	Connection by Faston Connectors
	

(1) Diameter on finished panel or support
(2) 40 mm min. / 1.57 in. min.
(3) 30 mm min. / 1.18 in. min.
(4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_{0}^{+0.4}$ / 0.88 in. $_{0}^{+0.016}$)
(5) 45 mm min. / 1.78 in. min.
(6) 32 mm min. / 1.26 in. min.

Technical Illustration

Dimensions

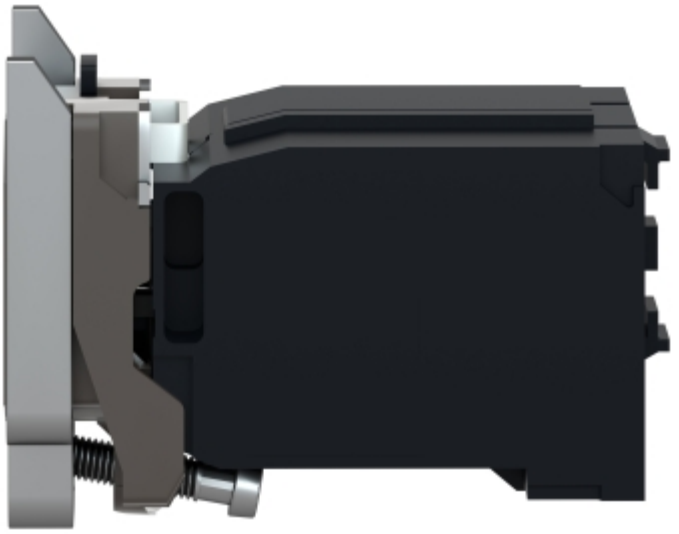




		a (mm)	a (in.)	b (mm)	b (in.)
ZBE●●●●●	ZBV●●●●	40	1.57	30	1.18
ZBE●●●●●3	ZBV●●●●3	45	1.77	32	1.26
ZBE●●●●●4	ZBV●●●●4	40	1.57	30	1.18
ZBE●●●●●5	ZBV●●●●5	50	1.97	30	1.18
ZBE●●●●●9	ZBV●●●●9	40	1.57	30	1.18
ZBRT●	ZBRV1	40	1.57	30	1.18

Image of product / Alternate images

Alternative



X1
X2