Product data sheet
Characteristics

ZB4BV3
light block with body/fixing collar with BA9s incandesc. bulb 110...120V

Green Premium™ Product

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	110...120 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
Net weight	0.13 kg
Tightening torque	0.8…1.2 N.m conforming to EN 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 EN 60947-1
[Uimp] rated impulse withstand voltage	EN 60947-1 6 kV
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
Ambient air temperature for operation	-40…55 °C
Electrical shock protection class	Class I conforming to IEC 60536
IP degree of protection	IP20
Standards	EN/IEC 60947-5-1 EN/IEC 60947-1 CSA C22.2 No 14 JIS C8201-5-1 EN/IEC 60947-5-4 UL 508 EN/IEC 60947-5-5 JIS C8201-1

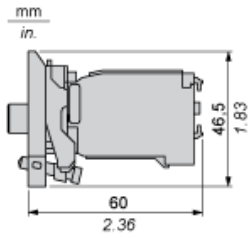| Product certifications	LROS (Lloyds register of shipping) UL listed RINA BV GL CSA DNV
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Offer Sustainability

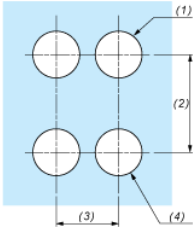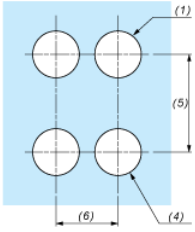| Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental 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

Dimensions

mm
_in._

46.5
1.83

60
2.36

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.

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