Product data sheet

Specification





green light block with body/fixing collar with BA9s LED bulb 110...120V 1NO+1NC

ZB4BW03D35

! Discontinued on: Jul 1, 2020



Main

Range Of Product	Harmony XB4
Product Or Component Type	Complete body/contact assembly and light block
Device Short Name	ZB4
Fixing Collar Material	Zamak
Sale Per Indivisible Quantity	1
Head Type	Standard
Contacts Type And Composition	1 NO + 1 NC
Contact Operation	Slow-break
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end EN 60947-1
Light Source	LED
Bulb Base	BA 9s
Light Block Supply	Via integral transformer 1.2 VA 6 V
Light Source Colour	Green
[Us] Rated Supply Voltage	110120 V AC 50/60 Hz

Complementary

Cad Overall Width	1.18 in (30 mm)
Cad Overall Height	1.85 in (47 mm)
Terminals Description Iso N°1	(11-12)NC
Net Weight	0.33 lb(US) (0.151 kg)
Contacts Usage	Standard
Positive Opening	With EN/IEC 60947-5-1 appendix K
Operating Travel	0.06 in (1.5 mm) NC changing electrical state) 0.10 in (2.6 mm) NO changing electrical state) 0.17 in (4.3 mm) total travel)
Operating Force	2 N NC changing electrical state 2.3 N NO changing electrical state
Operating Torque	0.44 lbf.in (0.05 N.m) NO changing electrical state
Mechanical Durability	5000000 cycles
Tightening Torque	7.0810.62 lbf.in (0.81.2 N.m) EN 60947-1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Shape Of Screw Head	Cross Philips no 1
	Cross pozidriv No 1
	Slotted flat Ø 4 mm
	Slotted flat Ø 5.5 mm
Contacts Material	Silver alloy (Ag/Ni)
Short-Circuit Protection	10 A cartridge fuse gG EN/IEC 60947-5-1
[lth] Conventional Free Air Thermal Current	10 A EN/IEC 60947-5-1
[Ui] Rated Insulation Voltage	600 V 3)EN 60947-1
[Uimp] Rated Impulse Withstand Voltage	6 kV EN 60947-1
[le] Rated Operational Current	3 A 240 V, AC-15, A600 EN/IEC 60947-5-1
	6 A 120 V, AC-15, A600 EN/IEC 60947-5-1
	0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1
	0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1
	0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1
	1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1
Electrical Durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
	1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
	1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
Electrical Reliability	Λ < 10exp(-6) 5 V 1 mA in clean environment EN/IEC 60947-5-4
	Λ < 10exp(-8) 17 V 5 mA in clean environment EN/IEC 60947-5-4
Signalling Type	Steady

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 I IEC 60536	
Standards	EN/IEC 60947-1 JIS C8201-5-1 UL 508 EN/IEC 60947-5-1 EN/IEC 60947-5-4 CSA C22.2 No 14 EN/IEC 60947-5-5 JIS C8201-1	
Product Certifications	DNV UL Listed BV LROS (Lloyds register of shipping) GL 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	

Ordering and shipping details

Gtin 3389110893915

Contractual warranty

Warranty 18 months



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

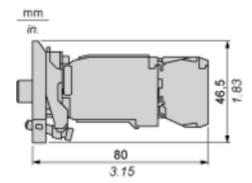
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Weee Circularity Profile	· · · · · · · · · · · · · · · · · · ·

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Dimensions Drawings

Dimensions

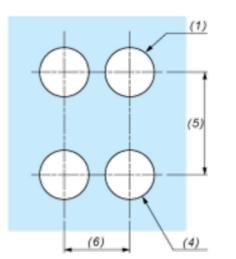


ZB4BW03D35

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 **Connection by Faston Connectors Connectors or on Printed Circuit Board** (1)(2)(3)(4)



- (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.