Product data sheet

Specification





Light block with body fixing collar, Harmony XB5, plastic, blue, for BA9s bulb, It 250V, 1NO+1NC

ZB5AW065

Product availability: Stock - Normally stocked in distribution

Price*: 71.00 USD

Main

Range Of Product	Harmony XB5				
Product Or Component Type	Complete body/contact assembly and light block				
Device Short Name	ZB5				
Fixing Collar Material	Plastic				
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 IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1				
Light Source	Bulb not included				
Bulb Base	BA 9s				
Light Block Supply	Direct <2.4 W				

Complementary

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	(13-14)NO (11-12)NC
Net Weight	0.09 lb(US) (0.041 kg)
Contacts Usage	Standard
Positive Opening	With 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) IEC 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 IEC 60947-5-1				
[Ith] Conventional Free Air Thermal Current	10 A IEC 60947-5-1				
[Ui] Rated Insulation Voltage	600 V 3)IEC 60947-1				
[Uimp] Rated Impulse Withstand Voltage	6 kV IEC 60947-1				
[le] Rated Operational Current	3 A 240 V, AC-15, A600 IEC 60947-5-1				
	6 A 120 V, AC-15, A600 IEC 60947-5-1				
	0.1 A 600 V, DC-13, Q600 IEC 60947-5-1				
	0.27 A 250 V, DC-13, Q600 IEC 60947-5-1				
	0.55 A 125 V, DC-13, Q600 IEC 60947-5-1				
	1.2 A 600 V, AC-15, A600 IEC 60947-5-1				
	1.27/000 1,7/0 10,7/000 120 000 1/0 1				
Electrical Durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
	1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
	1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
	1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
	1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
Electrical Reliability	Λ < 10exp(-6) 5 V 1 mA in clean environment IEC 60947-5-4				
	Λ < 10exp(-8) 17 V 5 mA in clean environment IEC 60947-5-4				
Signalling Type	Steady				
[Us] Rated Supply Voltage	<= 250 V				
Device Presentation	Basic sub-assemblies				

Environment

Protective Treatment	тн
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 IEC 60947-5-4 CSA C22.2 No 14 IEC 60947-1 IEC 60947-5-1 JIS C8201-1
Product Certifications	LROS (Lloyds register of shipping) DNV GL CSA UL Listed BV
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

Category	US10CS222469
	051005222409
Discount Schedule	0CS2
Gtin	3389110909784
Returnability	Yes

Country Of Origin FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.38 in (3.500 cm)
Package 1 Width	1.81 in (4.600 cm)
Package 1 Length	2.13 in (5.400 cm)
Package 1 Weight	1.31 oz (37.000 g)
Unit Type Of Package 2	BB1
Number Of Units In Package 2	5
Package 2 Height	1.77 in (4.500 cm)
Package 2 Width	1.34 in (3.400 cm)
Package 2 Length	10.43 in (26.500 cm)
Package 2 Weight	6.67 oz (189.000 g)
Unit Type Of Package 3	S03
Number Of Units In Package 3	200
Package 3 Height	11.81 in (30.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	17.83 lb(US) (8.088 kg)

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >





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				

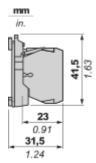
Mar 30, 2024

Product data sheet

ZB5AW065

Dimensions Drawings

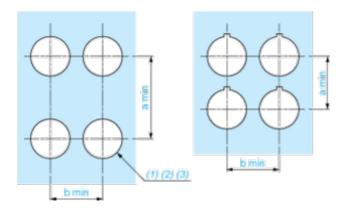
Dimensions



Mounting and Clearance

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

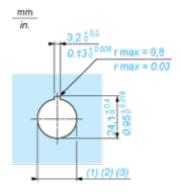
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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. $_0^{+0.016}$)

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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) \emptyset 22.5 mm recommended (\emptyset 22.3 $_0^{+0.4}$) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0^{+0.016}$)