Product data sheet

Specification





Illuminated push button, Harmony XB5, plastic, flush, red, 22mm, plain lens for BA9s bulb, spring return, lower than 250V, 1NO + 1NC

XB5AW3465

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 99.00 USD

Main

Range Of Product	Harmony XB5
Product Or Component Type	Illuminated push-button
Device Short Name	XB5
Bezel Material	Dark grey plastic
Fixing Collar Material	Plastic
Head Type	Standard
Mounting Diameter	0.89 in (22.5 mm)
Sale Per Indivisible Quantity	1
Shape Of Signaling Unit Head	Round
Type Of Operator	spring return
Operator Profile	Red flush, unmarked
Operator Additional Information	With plain lens
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 0.222 x 2.5 mm² without cable end IEC 60947-1
Light Source	Bulb not included
Bulb Base	BA 9s
Light Block Supply	Direct <2.4 W
[Us] Rated Supply Voltage	<= 250 V
Cap/Operator Or Lens Colour	Red

Complementary

Height	1.65 in (42 mm)
Width	1.18 in (30 mm)
Depth	2.13 in (54 mm)
Terminals Description Iso N°1	(13-14)NO (21-22)NC
Net Weight	0.13 lb(US) (0.057 kg)

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

Resistance To High Pressure	1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m				
Washer Contacts Usage	Standard contacts				
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	3.5 N NC changing electrical state 3.8 N				
Mechanical Durability	10000000 cycles				
Tightening Torque	7.0810.62 lbf.in (0.81.2 N.m) IEC 60947-1				
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				
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				
Device Presentation	Complete product				
Environment					
Protective Treatment	тн				
Ambient Air Temperature For Storage	-40158 °F (-4070 °C)				
Ambient Air Temperature For Operation	-40131 °F (-4055 °C)				

Protective Treatment	тн
Ambient Air Temperature For Storage	-40158 °F (-4070 °C)
Ambient Air Temperature For Operation	-40131 °F (-4055 °C)
Overvoltage Category	Class II IEC 60536
Ip Degree Of Protection	IP66 IEC 60529
	IP69
	IP69K
	IP67
Nema Degree Of Protection	NEMA 13
	NEMA 4X
Ik Degree Of Protection	IK05 conforming to IEC 50102

Standards	IEC 60947-5-4	
	IEC 60947-1	
	CSA C22.2 No 14	
	IEC 60947-5-1	
	JIS C8201-5-1	
	UL 508	
	JIS C8201-1	
Product Certifications	UL Listed	
	CSA	
	BV	
	DNV	
	LROS (Lloyds register of shipping)	
	GL	
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	US10CS222467
Discount Schedule	0CS2
Gtin	3389110904178
Returnability	No
Country Of Origin	US

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	2.17 in (5.500 cm)
Package 1 Length	3.35 in (8.500 cm)
Package 1 Weight	1.95 oz (55.400 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	55
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	7.26 lb(US) (3.291 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

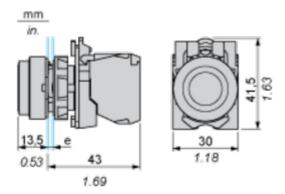
Yes

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	· · · · · · · · · · · · · · · · · · ·				

Dimensions Drawings

Dimensions

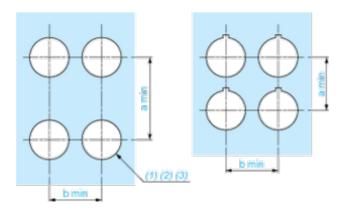


e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

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

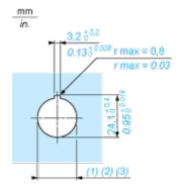
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



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

				0
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.
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