Product data sheet

Specifications





Harmony, emergency stop, latching turn release, red, 40 mm, 1 NC and 1 NO

XB4BS8445

Product availability: Stock - Normally stocked in distribution facility

Price*: 165.00 USD

Main

Range Of Product	Harmony XB4	
Product Or Component Type	Emergency switching off push-button Emergency stop push-button	
Device Short Name	XB4	
Bezel Material Chromium plated metal		
Fixing Collar Material	al Zamak	
Mounting Diameter	0.89 in (22.5 mm)	
Sale Per Indivisible Quantity	1	
Shape Of Signaling Unit Head	Round	
Type Of Operator	trigger action and mechanical latching	
Head Type	Standard	
Reset	Turn to release	
Operator Profile	Red mushroom Ø 40 mm, unmarked	
Contact Operation	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	

Complementary

Height	1.85 in (47 mm)	
Width	1.57 in (40 mm)	
Depth	3.23 in (82 mm)	
Terminals Description Iso N°1	(13-14)NO	
Net Weight	0.29 lb(US) (0.13 kg)	
Resistance To High Pressure Washer	re To High Pressure 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m	
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	ng Force 44 N	
Mechanical Durability	300000 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	
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	
Device Presentation	Complete product	
Environment Protective Treatment	тн	
Ambient Air Temperature For	-40158 °F (-4070 °C)	
Storage	· ,	
Ambient Air Temperature For Operation	-40158 °F (-4070 °C)	
Electrical Shock Protection Class	Class I IEC 60536	
Ip Degree Of Protection	IP66 IEC 60529 IP67	
	IP69 IP69K	
Nema Degree Of Protection	NEMA 13 NEMA 4X	
k Degree Of Protection	IK06 conforming to IEC 50102	
Standards	IEC 60204-1 IEC 60947-1 UL 508 IEC 60364-5-53 ISO 13850 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-4 JIS C8201-5-1 IEC 60947-5-5 JIS C8201-1	
Product Certifications	BV GL LROS (Lloyds register of shipping) DNV CSA UL Listed	

30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

UL Listed

5 gn 2...500 Hz)IEC 60068-2-6

Vibration Resistance

Shock Resistance

Ordering and shipping details

Category	US10CS222468	
Discount Schedule	0CS2	
Gtin	3389110887051	
Returnability	Yes	
Country Of Origin	MX	

Packing Units

Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	2.05 in (5.200 cm)	
Package 1 Width	1.73 in (4.400 cm)	
Package 1 Length	3.46 in (8.800 cm)	
Package 1 Weight	4.66 oz (132.000 g)	
Unit Type Of Package 2	ype Of Package 2 S03	
Number Of Units In Package 2	80	
Package 2 Height	11.81 in (30.000 cm)	
Package 2 Width	11.81 in (30.000 cm)	
Package 2 Length	15.75 in (40.000 cm)	
Package 2 Weight	24.63 lb(US) (11.172 kg)	
Unit Type Of Package 3	P06	
Number Of Units In Package 3	640	
Package 3 Height	29.53 in (75.000 cm)	
Package 3 Width	dth 23.62 in (60.000 cm)	
Package 3 Length	3 Length 31.50 in (80.000 cm)	
Package 3 Weight 218.97 lb(US) (99.324 kg)		

Contractual warranty

Warranty 18 months

Sustainability Screen 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

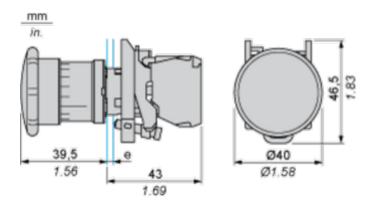
②	Reach Free Of Svhc	
②	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
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.
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

Dimensions



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

XB4BS8445

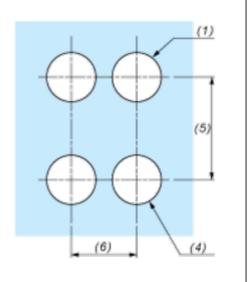
Mounting and Clearance

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

Connectors or on Printed Circuit Board (1)(2)(3)(4)

Connection by Screw Clamp Terminals or Plug-in

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.