Product datasheet





red flush complete pushbutton Ø22 spring return 1NC "O"

23705586 XB4BA4322

EAN Code: 3389110886979

Main

Range Of Product	Harmony XB4	
Product Or Component Type	Push-button	
Device Short Name	XB4	
Bezel Material	Chromium plated metal	
Fixing Collar Material	Zamak	
Mounting Diameter	22.5 mm	
Sale Per Indivisible Quantity	1	
Shape Of Signaling Unit Head	g Unit Head Round	
Type Of Operator	spring return	
Operator Profile	Red flush, O (white)	
Head Type	Standard	
Contacts Type And Composition	1 NC	
Contact Operation	t Operation Slow-break	
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end conforming to IEC 60947-1	

Complementary

Height	47 mm	
Width	30 mm	
Depth	52 mm	
Terminals Description Iso N°1	(21-22)NC	
Net Weight	0.08 kg	
Resistance To High Pressure Washer	7000000 Pa at 55 °C, distance : 0.1 m	
Contacts Usage	Standard contacts	
Positive Opening	With conforming to IEC 60947-5-1 appendix K	
Operating Travel	1.5 mm (NC changing electrical state) 4.3 mm (total travel)	
Operating Force	3.5 N NC changing electrical state	
Mechanical Durability	10000000 cycles	
Tightening Torque	0.81.2 N.m conforming to IEC 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
Contacts Material	Silver alloy (Ag/Ni)
Short-Circuit Protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1
[Ith] Conventional Free Air Thermal Current	10 A conforming to IEC 60947-5-1
[Ui] Rated Insulation Voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to IEC 60947-1
[le] Rated Operational Current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1
	6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1
	0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1
	0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1
	0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1
	1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1
Electrical Durability	1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5
	conforming to IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5
	conforming to IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5
	conforming to IEC 60947-5-1 appendix C
	1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5
	conforming to IEC 60947-5-1 appendix C
	1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5
	conforming to IEC 60947-5-1 appendix C
Electrical Reliability	Λ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4
•	Λ < 10exp(-8) at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4
Device Presentation	Complete product
Environment	
Protective Treatment	тн
Ambient Air Temperature For Storage	-4070 °C
Ambient Air Temperature For Operation	-4070 °C
Overvoltage Category	Class I conforming to IEC 60536
p Degree Of Protection	IP66 conforming to IEC 60529
	IP67
	IP69 IP69K
	11 0917
Nema Degree Of Protection	NEMA 13 NEMA 4X
k Degree Of Protection	IK06 conforming to IEC 50102
Standards	IEC 60947-5-4
	JIS C8201-5-1
	IEC 60947-5-5
	IEC 60947-5-5
	CSA C22.2 No 14
	UL 508
	IEC 60947-1 JIS C8201-1
Product Certifications	CSA
TOGGET GET UNCALIONS	BV
	UL listed
	LROS (Lloyds register of shipping)
	DNV
	GL
	SL

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	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.800 cm
Package 1 Width	3.400 cm
Package 1 Length	5.400 cm
Package 1 Weight	78.400 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	50
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.284 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

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

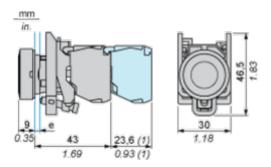
Certifications & Standards

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

XB4BA4322

Dimensions Drawings

Dimensions



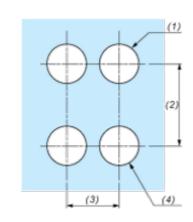
- \boldsymbol{e} : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.
- (1) Additional row of contacts or double contact.

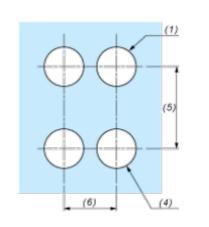
Mounting and Clearance

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

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.