Product datasheet

Specification





Key switch selector, metal, black, Ø22, key n°455, 2 positions, stay put, 1 NO

XB4BG21

Main

Range Of Product	Harmony XB4
Product Or Component Type	Selector switch
Device Short Name	XB4
Bezel Material	Chromium plated metal
Fixing Collar Material	Zamak
Mounting Diameter	22.5 mm
Sale Per Indivisible Quantity	1
Head Type	Standard
Shape Of Signaling Unit Head	Round
Type Of Operator	stay put
Operator Profile	key switch
Operator Position Information	2 positions 90°
Contacts Type And Composition	1 NO
Contact 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 0.22 mm² without cable end conforming to IEC 60947-1

Complementary

Height	47 mm
Width	30 mm
Depth	86 mm
Terminals Description Iso N°1	(13-14)NO
Net Weight	0.117 kg
Resistance To High Pressure Washer	7000000 Pa at 55 °C, distance : 0.1 m
Type Of Keylock	Key 455
Key Withdrawal Position	Left-hand
Contacts Usage	Standard contacts
Positive Opening	Without
Torque Value	0.14 N.m NO changing electrical state
Mechanical Durability	1000000 cycles
Tightening Torque	0.81.2 N.m conforming to 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 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 EN 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 EN 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 EN 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 EN 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 EN 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
lp Degree Of Protection	IP66 conforming to IEC 60529
	IP69
	IP69K
	IP67
Nema Degree Of Protection	NEMA 13
· • · · · · · · · · · · · · · · · · · ·	NEMA 4X
lk Degree Of Protection	IK04 with keyhole cover ZBGP conforming to IEC 50102
 Standards	IIS C8201-5-1
Standards	JIS C8201-5-1 IEC 60947-5-5
	IEC 60947-3-3
	UL 508
	IEC 60947-5-4
	CSA C22.2 No 14
	IEC 60947-5-1
	JIS C8201-1
Product Certifications	111
i roduct dei uncations	UL BV
	DNV
	CSA
	GL
	LROS (Lloyds register of shipping)

5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6

LROS (Lloyds register of shipping)

Vibration Resistance

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	3.600 cm
Package 1 Width	5.400 cm
Package 1 Length	9.100 cm
Package 1 Weight	151.000 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	7.853 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	400
Package 3 Height	45.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	60.400 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

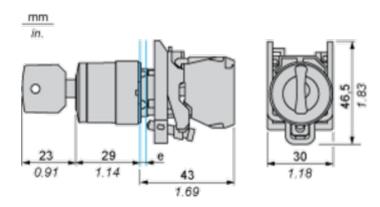
Certifications & Standards

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
Circularity Profile	End of Life Information

XB4BG21

Dimensions Drawings

Dimensions



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

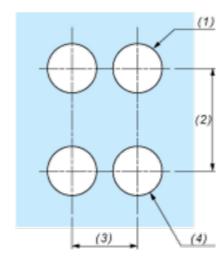
XB4BG21

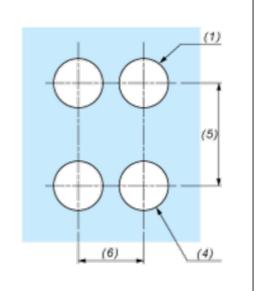
Mounting and Clearance

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.