Product datasheet

Specification





Complete selector switch, Easy Harmony XB2, metal, black, 22mm, 2 positions, stay put, 1NO + 1NC

XB2BD25C

Main

Range Of Product	Easy Harmony XB2
Product Or Component Type	Complete selector switch
Device Presentation	Complete product
Device Short Name	XB2
Fixing Collar Material	Zamak
Head Type	Standard

Complementary

Bezel Material	Characterisms whated meetal
Dezei Wateriai	Chromium plated metal
Mounting Diameter	22.5 mm
Sale Per Indivisible Quantity	1
Overvoltage Category	Class I conforming to IEC 60536
Shape Of Signaling Unit Head	Round
Type Of Operator	stay put
Operator Profile	Black standard handle
Operating Position	Any position
Operator Position Information	2 positions
Terminals Description Iso N°1	(13-14)NO (21-22)NC
Contacts Type And Composition	1 NO + 1 NC
Contact Operation	Slow-break
Mechanical Durability	1000000 cycles
Compatibility Code	XB2
Device Mounting	Fixing hole - diameter: 22.5 mm
Fixing Center	>= 30 x 40 mm (panel) - thickness: 16 mm
Fixing Mode	Fixing screw beneath head recommended torque: 0.8 N.m Fixing screw beneath head recommended torque: 1.0 N.m
Connections - Terminals	Screw clamp terminal, <= 2 x 1.5 mm² with and without cable ends Screw clamp terminal, <= 1 x 2.5 mm² with and without cable ends Screw clamp terminal, >= 1 x 0.5 mm² with and without cable ends Faston terminals, connection size: 6.3 mm
Tightening Torque	0.81.0 N.m

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
	Slotted compatible with flat Ø 5.5 mm screwdriver
Contacts Material	Silver alloy (Ag/Ni)
[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
• • • • • • • • • • • • • • • • • • • •	0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1
Electrical Durability	1000000 cycles, AC-15, 3 A at 240 V, operating rate <3600 cyc/h, load factor: 0.5
	conforming to IEC 60947-5-1 appendix C
	1000000 cycles, DC-13, 0.27 A at 250 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
Liour tellability	Λ < 10exp(-8) at 17 V and 1 mA in clean environment conforming to IEC 60947-5-4
Width	40 mm
Height	30 mm
Depth	70 mm
Net Weight	0.1 kg
Contacts Usage	Standard contacts
Cap/Operator Or Lens Colour	Black
Product Compatibility	700.0
Todact Companing	ZB2C
Customizable	No
Operator Profile	Standard handle
Type Of Operator	Stay put

Environment

Short-Circuit Protection	10 A gL fuse type gG conforming to IEC 60947-5-1
Ip Degree Of Protection	IP65
Ik Degree Of Protection	IK06
Protective Treatment	толн
Ambient Air Temperature For Storage	-4070 °C
Ambient Air Temperature For Operation	-2570 °C
Standards	IEC 60947-5-1 IEC 60947-5-4 IEC 60947-1 GB/T 14048.1 GB/T 14048.5
Product Certifications	CCC CE
Vibration Resistance	5 gn (f= 2500 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
Positive Opening	Without

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	7 cm
Package 1 Length	7 cm
Package 1 Weight	106 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	50
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.495 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	600
Package 3 Height	90 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	78.4 kg



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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc

Mercury Free

Rohs Exemption Information

Yes

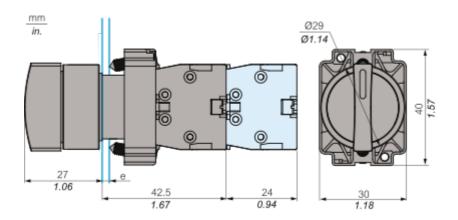
Certifications & Standards

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
Circularity Profile	No need of specific recycling operations

XB2BD25C

Dimensions Drawings

Dimensions



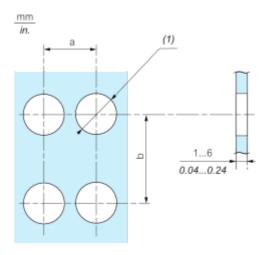
e: clamping thickness 1 to 6 mm / 0.04 to 0.24 in.

XB2BD25C

Mounting and Clearance

Mounting and Clearance

Panel cut-out



	Connection terminals	Connection by Screw clamp terminals		
	a in mm	a in in.	b in mm	b in in.
•B2BA•C / •B2BL•C / •B2BP•C / •B2BS4•C / •B2BD•C / •B2BJ•C / •B2BG•C / •B2BW•C	40	1.57	30	1.18
•B2BC•C / •B2BS5•C / •B2BS8•C / •B2BT•C	40	1.57	40	1.57
•B2BR•C / •B2BS6•C	60	2.36	60	2.36

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