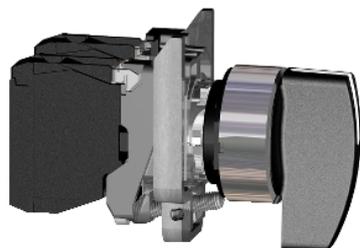


XB4BJ33EX

Complete selector switch, Harmony XB4, black
Ø22 mm, 3 positions +/- 45° - stay put, 2 NO,
ATEX



Main

Range of Product	Harmony XB4
Product or Component Type	Complete selector switch
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Head type	Standard
Mounting diameter	0.87 in (22 mm)
Sale per indivisible quantity	1
Dust zone	Zone 21 - 22
Type of operator	Stay put
Operator profile	Black long handle
Contacts type and composition	2 NO

Complementary

Resistance to high pressure washer	1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Device mounting	Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 EN/IEC 60947-1
Fixing center	>= 30 x 40 mm support panel)
Embedding Depth	1.69 in (43 mm)
Marking	Ex tb IIIC
Shape of signaling unit head	Round
Operator position information	3 positions +/- 45°
Contact operation	Slow-break
Contacts usage	Standard contacts
Positive opening	Without
Torque value	1.24 lbf.in (0.14 N.m) NO changing electrical state
Mechanical durability	3000000 cycles
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm ² with cable end EN/IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm ² without cable end EN/IEC 60947-1
Tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m) EN 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 EN/IEC 60947-5-1
[I _{th}] conventional free air thermal current	10 A EN/IEC 60947-5-1
[U _i] rated insulation voltage	600 V 3)EN 60947-1
[U _{imp}] rated impulse withstand voltage	6 kV EN 60947-1
[I _e] rated operational current	3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Electrical durability	1000000 Cycles AC-15, 2 A 230 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C 1000000 Cycles AC-15, 3 A 120 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C 1000000 Cycles AC-15, 4 A 24 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C 1000000 Cycles DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C 1000000 cycles DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\text{exp}(-6)$ 5 V, 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ 17 V, 5 mA in clean environment EN/IEC 60947-5-4

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-4...140 °F (-20...60 °C)
Overvoltage category	I IEC 60536
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK06 IEC 50102
Standards	EN 60079-0:2009 EN 60079-31:2009 EN 61000-6-2 IEC 60079-0:2007 IEC 60079-31:2008
Directives	94/9/EC - ATEX directive
Product Certifications	INERIS 04ATEX9004U
Vibration resistance	5 gn 2...500 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

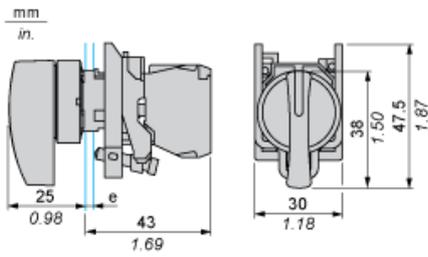
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.38 in (3.5 cm)
Package 1 Width	5.51 in (14.0 cm)
Package 1 Length	7.87 in (20.0 cm)
Package 1 Weight	4.09 oz (116.0 g)
Unit Type of Package 2	S01
Number of Units in Package 2	10
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	5.91 in (15.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	2.97 lb(US) (1.348 kg)

Offer Sustainability

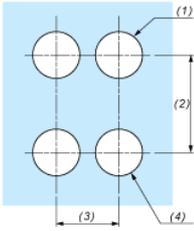
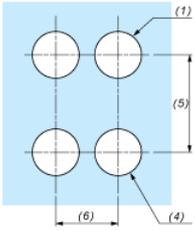
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Selector Switch



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

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
	
<p>(1) Diameter on finished panel or support (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) $\varnothing 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})$ (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.</p>	