

XB4BD33EX

black selector switch Ø 22 - 3 positions +/- 45°,
stay put - 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
Mounting diameter	22 mm
Sale per indivisible quantity	1
IP degree of protection	IP65 IEC 60529
Dust zone	Zone 21 - 22
Shape of signaling unit head	Round
Type of operator	Stay put
Operator profile	Standard handle black
Operator position information	3 positions +/- 45°
Contacts type and composition	2 NO
Contact operation	Slow-break
Connections - terminals	Screw clamp terminals <= 2 x 1.5 mm² with cable end EN/IEC 60947-1 Screw clamp terminals >= 1 x 0.22 mm² without cable end EN/IEC 60947-1
Contacts material	Silver alloy (Ag/Ni)

Complementary

Resistance to high pressure washer	7000000 Pa 55 °C 0.1 m
Device mounting	Fixing hole 22.5 mm 22.3 +0.4/0 EN/IEC 60947-1
Fixing center	>= 30 x 40 mm support panel
Embedding depth	43 mm
Marking	II2 D-Ex tD A21 IP65/66
Contacts usage	Standard contacts
Positive opening	Without
Operating torque	0.14 N.m NO changing electrical state
Mechanical durability	3000000 cycles
Tightening torque	0.8...1.2 N.m EN 60947-1
Shape of screw head	Cross pozidriv No 1 Cross Philips no 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Short circuit protection	10 A cartridge fuse gG EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V 3 EN 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN 60947-1
[Ie] rated operational current	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 3 A 240 V AC-15 A600 EN/IEC 60947-5-1 6 A 120 V AC-15 A600 EN/IEC 60947-5-1

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

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-20...60 °C
Class of protection against electric shock	Class I IEC 60536
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK06 IEC 50102
Standards	Directive ATEX 94/9/EC EN 50014 EN 50281-1-1 IEC 61241-0 IEC 61241-1 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
RoHS EUR conformity date	0727
RoHS EUR status	Compliant