



## **selector switch XB4BD21**

URL:<https://www.sxplc.com/selector-switch-xb4bd21>

### **Product data sheet**

Frame material Nickel-plated metal

Retaining ring material Zamak

Mounting diameter 22.5 mm

Quantity sold separately 1 each

Manipulator head type Standard

Signal unit head shape Round

Type of head Locking

Joystick shape black, short shank

Joystick position information 2 positions 90°

Contact type 1 NO

Contact action Slow break

Wiring capacity Bolt-on,  $\leq 2 \times 1.5 \text{ mm}^2$  with terminal block acc. to IEC 60947-1

Bolt-on,  $\geq 1 \times 0.22 \text{ mm}^2$  without terminal block in accordance with IEC 60947-1

Height 47 mm

Width 30 mm

Depth 68 mm

ISO n°1 terminal (13-14)NO

Net weight 0.095 kg

High-voltage gasket impedance 7000000 Pa at ... on 55 °C, distance: 0.1 m

Use of contact wires Standard contacts

Forced open NO

Torque 0.14 N.m NO Change of electrical status

Mechanical life 1,000,000 cycles

Tightening torque 0.8...1.2 N.m in accordance with IEC 60947-1

Screw head shape Cross compatible with Philips no 1 screwdriver

Cross Compatible with pozidriv no 1 screwdriver

One-slot Compatible Flat Ø 4 mm Screwdriver

One-slot Compatible Flat Ø 5.5 mm Screwdriver

Contact material Silver alloy (silver/nickel)

Short-circuit protection 10 A Fusible tube type gG according to IEC 60947-5-1

Conventional heating current [I<sub>th</sub>] 10 A according to IEC 60947-5-1

Rated insulation voltage [U<sub>i</sub>] 600 V (pollution class 3) acc. to IEC 60947-1

Rated impulse withstand voltage [U<sub>imp</sub>] 6 kV according to IEC 60947-1

Rated operating current [I<sub>e</sub>] 3 A at 240 V, AC-15, A600 in accordance with IEC 60947-5-1

6 A 120 V on ..., AC-15, A600 in accordance with IEC 60947-5-1

0.1 A on... 600 V, DC-13, Q600 in accordance with IEC 60947-5-1

0.27 A on... 250 V, DC-13, Q600 according to IEC 60947-5-1

0.55 A on... 125 V, DC-13, Q600 in accordance with IEC 60947-5-1

1.2 A on... 600 V, AC-15, A600 according to IEC 60947-5-1

Electrical life 1,000,000 cycles, AC-15, 2 A at 230 V on ..., operating rating <3600 cycles/hour, load factor: 0.5 Conforms to

EN 60947-5-1 Appendix C

1,000,000 cycles, AC-15, 3 A at 120 V on ..., operating rating <3600 cycles/hour, load factor: 0.5 Conforms to

EN 60947-5-1 Appendix C

1,000,000 cycles, AC-15, 4 A at 24 V on ..., operating rating <3600 cycles/hour, load factor: 0.5 Conforms to

EN 60947-5-1 Appendix C

1,000,000 cycles, DC-13, 0.2 A at 110 V on ..., operating rating <3600 cycles/hour, load factor: 0.5 in accordance with EN 60947-5-1 Appendix C

Complies with EN 60947-5-1 Appendix C

1,000,000 cycles, DC-13, 0.5 A at 24 V on ..., operating rating <3600 cycles/hour, load factor: 0.5 is in accordance with

Compliance with EN 60947-5-1 Appendix C

Electrical reliability  $\Lambda < 10\exp(-6)$  at 5 V and 1 mA on ... in a clean environment in accordance with IEC 60947-5-4

$\Lambda < 10\exp(-8)$  in a clean environment of 17 V and 5 mA on ... in accordance with IEC 60947-5-4

