



## PUSH BUTTON ZB2BE101C

URL: <https://www.sxplc.com/push-button-zb2be101c>

### Product data sheet

Mechanical durability	3000000 cycles
Contact code designation	A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[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
Maximum resistance across terminals	25 MOhm
Operating force	3...5 N
Short-circuit protection	10 A fuse protection by cartridge fuse type gG (gl)

	48 V, load factor = 0.5 conforming to IEC 60947-5-1 65 W DC-13 for 1000000 cycles, operating rate <3600 cyc/h at 24 V, load factor = 0.5 conforming to IEC 60947-5-1
Rated power description 160 mW	40 W DC-13 for 1000000 cycles, operating rate <3600 cyc/h at
net weight	120 V, load factor = 0.5 conforming to IEC 60947-5-1
Height	48 W DC-13 for 1000000 cycles, operating rate <3600 cyc/h at 29 mm
Width	15 mm
Depth	24 mm
Connections - terminals	Screw clamps terminals
Fixing collar material	Zamak
Connections - terminals	Screw clamps terminals, 1 x 2.5 mm <sup>2</sup> with or without cable end Screw clamps terminals, 2 x 1.5 mm <sup>2</sup> with or without cable end
Contacts material	Silver alloy (Ag/Ni)
Contacts usage	Standard contacts
Connections - terminals	Screw clamp terminal, <= 2 x 1.5 mm <sup>2</sup> with and without cable ends Screw clamp terminal, <= 1 x 2.5 mm <sup>2</sup> with and without cable ends Screw clamp terminal, >= 1 x 0.5 mm <sup>2</sup> with and without cable ends Faston terminals, connection size: 6.3 mm
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	$\Lambda < 10\exp(-6)$ at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4 $\Lambda < 10\exp(-8)$ at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4

	0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1
[le] State of protection	3 A at 250 V, AC Type, Q600 conforming to IEC 60947-5-1
[lth] conventional free air thermal current	10 A conforming to IEC 60947-5-1
Positive opening	Without
Operating travel	2.38 mm (NO changing electrical state) 5 mm (total travel)
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
protective treatment	TC/TH
customizable	No
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
Tightening torque	0.8...1.0 N.m
Fixing mode	Fixing screw beneath head recommended torque: 0.8 N.m Fixing screw beneath head recommended torque: 1.0 N.m

