

Product Datasheet

Characteristic

XB4BL734155

Double headed push button, Harmony XB4, metal, 22mm, 1 green flush marked I + 1 red projecting marked O, 1NO+1NC, push in



Main

Range of product	Harmony XB4
product or component type	Double-headed push-button
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Head type	Standard
Mounting diameter	22.5 mm
Shape of signaling unit head	Rectangular
Type of operator	spring return
Operator profile	1 flush - 1 projecting push-buttons
Operators description	Green "I" - red "O"
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Push-in, <= 2 x 1.5 mm² with wire end ferrule conforming to IEC 60947-1 Push-in, >= 1 x 0.34 mm² without wire end ferrule conforming to IEC 60947-1

Complementary

Height	50 mm
Width	30 mm
Depth	50 mm
net weight	0.108 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Colour of marking	White marking when green, red or black caps Black marking when white caps
Operator profile	Green flush, I (white) Red projecting, O (white)
Contacts usage	Standard contacts
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	1.5 mm (NC changing electrical state) 2.6 mm (NO changing electrical state)

	4.3 mm (total travel)
Operating force	3.5 N NC changing electrical state 3.8 N NO changing electrical state
Mechanical durability	1000000 cycles
Shape of screw head	compatible with flat Ø 4 mm screwdriver
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1
[I _{th}] conventional free air thermal current	5 A conforming to IEC 60947-5-1
[U _i] rated insulation voltage	300 V (pollution degree 3) conforming to IEC 60947-1
[U _{imp}] rated impulse withstand voltage	4 kV conforming to IEC 60947-1
[I _e] rated operational current	3 A at 240 V, AC-15, A300 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A300 conforming to IEC 60947-5-1 0.1 A at 300 V, DC-13, Q300 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q300 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q300 conforming to IEC 60947-5-1 1.2 A at 300 V, AC-15, A300 conforming to IEC 60947-5-1
Electrical durability	1000000 cycles AC-15, 2 A at 230 V, operating rate <3600 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1: appendix C 1000000 cycles AC-15, 3 A at 120 V, operating rate <3600 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1: appendix C 1000000 cycles AC-15, 4 A at 24 V, operating rate <3600 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1: appendix C 1000000 cycles DC-13, 0.2 A at 110 V, operating rate <3600 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1: appendix C 1000000 cycles DC-13, 0.5 A at 24 V, operating rate <3600 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1: appendix C
Electrical reliability	$\Lambda < 10\exp(-6)$ at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 $\Lambda < 10\exp(-8)$ at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4
device presentation	Complete product

Environment

protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Electrical shock protection class	Class I conforming to IEC 60536
IP degree of protection	IP67 conforming to IEC 60529 IP69 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK06 conforming to IEC 50102
Standards	IEC 60947-1 IEC 60947-5-4 UL 508 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-5-1 JIS C8201-1
Product certifications	UL listed CSA DNV BV GL LROS (Lloyds register of shipping)
Vibration resistance	5 gn (f= 2...500 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.6 cm

Package 1 Width	3.3 cm
Package 1 Length	5.3 cm
Package 1 Weight	116.0 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	X
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP2308035EN
Circularity Profile	ENVEOLI2308035EN
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins