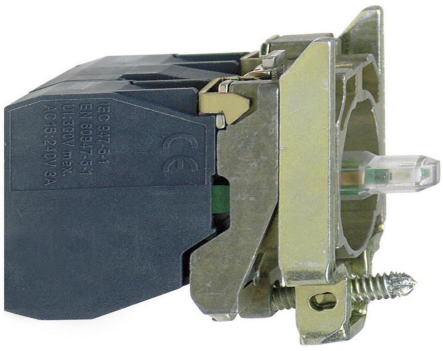
Product data sheet
Characteristics

ZB4BW0M35
body for illuminated control button - Ø 22 - green integral LED 1NO+1NC



Main

Range of product	Harmony XB4
Product or component type	Complete body/contact assembly and light block
Device short name	ZB4
Fixing collar material	Zamak
Sale per indivisible quantity	11
Class of protection against electric shock	Class I IEC 60536
Contacts type and composition	1 NO + 1 NC
Connections - terminals	Screw clamp terminals >= 1 x 0.22 mm² without cable end EN 60947-1 Screw clamp terminals <= 2 x 1.5 mm² with cable end EN 60947-1
Light source	Protected LED
Bulb base	Integral LED
Light block supply	Direct
Light source colour	Green
[Us] rated supply voltage	230...240 V AC 50/60 Hz

Complementary

Product weight	0,074 kg
Contacts usage	Standard
Positive opening	With EN/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	2,3 N NO changing electrical state 2 N NC changing electrical state
Operating torque	0,05 N.m NO changing electrical state
Mechanical durability	5000000 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
Contacts material	Silver alloy (Ag/Ni)
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

Electrical durability	1000000 cycles AC-15 4 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 3 A 120 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 2 A 230 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 0,5 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 0,2 A 110 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C
Electrical reliability IEC 60947-5-4	Λ < 10exp(-6) 5 V 1 mA in clean environment EN/IEC 60947-5-4 Λ < 10exp(-8) 17 V 5 mA in clean environment EN/IEC 60947-5-4
Signalling type	Steady
Supply voltage limits	195...264 V AC
Current consumption	14 mA
Service life	100000 h at rated voltage and 25 °C
Surge withstand	1 kV IEC 61000-4-5

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Standards	CSA C22-2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 JIS C 4520 UL 508
Product certifications	BV CSA DNV (Det Norske Veritas) GL LROS (Lloyds register of shipping) RINA UL listed
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
Resistance to fast transients	2 kV IEC 61000-4-4
Resistance to electromagnetic fields	10 V/m IEC 61000-4-3
Resistance to electrostatic discharge	6 kV on contact (on metal parts) IEC 61000-2-6 8 kV in free air (in insulating parts) IEC 61000-2-6
Electromagnetic emission	Class B IEC 55011
RoHS EUR conformity date	0727
RoHS EUR status	Compliant