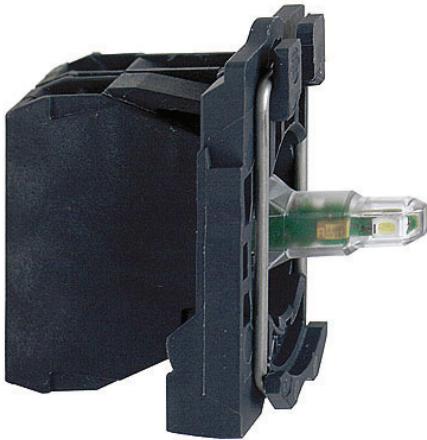


ZB5AW0B31

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



Main

Range of product	Harmony XB5
Product or component type	Complete body/contact assembly and light block
Device short name	ZB5
Fixing collar material	Plastic
Sale per indivisible quantity	1
Contacts type and composition	1 NO
Connections - terminals	Screw clamp terminals $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN 60947-1 Screw clamp terminals $\geq 1 \times 0.22 \text{ mm}^2$ without cable end EN 60947-1
Light source	Integrated and protected LED
Light block supply	Direct
Light source colour	Green
[Us] rated supply voltage	24 V AC/DC 50/60 Hz

Complementary

Product weight	0,032 kg
Contact operation	Slow-break
Contacts usage	Standard
Positive opening	Without
Operating travel	2,6 mm NO changing electrical state 4,3 mm total travel
Operating force	2,3 N NO 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
[I _{th}] conventional free air thermal current	10 A EN/IEC 60947-5-1
[U _i] rated insulation voltage	600 V 3 EN 60947-1
[U _{imp}] rated impulse withstand voltage	6 kV EN 60947-1
[I _e] 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	$\Lambda < 10\text{exp}(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4
Signalling type	Steady

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Supply voltage limits	19,2...30 V DC 21,6...26,4 V AC
Current consumption	18 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
Class of protection against electric shock	Class II IEC 60536
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 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