Product datasheet Characteristics

XB5AW36G5

blue flush complete illum pushbutton Ø22 spring return 1NO+1NC 110...120V



Main

Main	
Range of product	Harmony XB5
Product or component type	Complete illuminated push-button
Device short name	XB5
Bezel material	Plastic
Fixing collar material	Plastic
Mounting diameter	22 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Blue flush unmarked
Operator additional information	With plain lens
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Screw clamp terminals : <= 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals : 1 x 0.222 x 2.5 mm ² without cable end conforming to EN/IEC 60947-1
Light source	Protected LED
Bulb base	Integral LED
[Us] rated supply voltage	110120 V AC, 50/60 Hz

Complementary

	Screw clamp terminals : 1 x 0.222 x 2.5 mm ² without cable end conforming to EN/IEC 60947-1	
Light source	Protected LED	
Bulb base	Integral LED	
[Us] rated supply voltage	110120 V AC, 50/60 Hz	
Complementary		
Height	42 mm	
Width	30 mm	
Depth	57 mm	;
Terminals description ISO n°1	(13-14)NO (21-22)NC	
Product weight	0.056 kg	
Resistance to high pressure washer	7000000 Pa at 55 °C,distance: 0.1 m	
Contacts usage	Standard contacts	



ith positive opening conforming to EN/IEC 60947-5-1 appendix K 5 mm (NC changing electrical state) 6 mm (NO changing electrical state) 3 mm (total travel) 5 N (NC changing electrical state) 8 N 1000000 cycles 81.2 N.m conforming to EN 60947-1 ross head compatible with Philips no 1 screwdriver ross head compatible with pozidriv No 1 screwdriver otted head compatible with flat Ø 4 mm screwdriver otted head compatible with flat Ø 5.5 mm screwdriver otted head compatible with flat Ø 5.5 mm screwdriver liver alloy (Ag/Ni) 0 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 10 A conforming to EN/IEC 60947-5-1 10 V (degree of pollution: 3) conforming to EN/IEC 60947-5-1 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 2 A ch 250 V, DC -13, Q600 conforming to EN/IEC 60947-5-1
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27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1
000000 cycles, AC-15, 2 A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ C 60947-5-1 appendix C 000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ C 60947-5-1 appendix C 000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ C 60947-5-1 appendix C 000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to V/IEC 60947-5-1 appendix C 000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to N/IEC 60947-5-1 appendix C 000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ C 60947-5-1 appendix C
< 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4
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00132 V AC
I mA
00000 h at rated voltage and 25 °C

Environment

Protective treatment	TH
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP69 IP67 IP66 conforming to IEC 60529 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK05 conforming to IEC 50102
Standards	EN/IEC 60947-5-1 UL 508 EN/IEC 60947-1 JIS C 4520 EN/IEC 60947-5-4 CSA C22.2 No 14
Product certifications	UL listed LROS (Lloyds register of shipping) BV

	RINA	
	CSA	
	GL	
	DNV	
Vibration resistance	5 gn (f = 2500 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	
Resistance to fast transients	2 kV conforming to IEC 61000-4-4	
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3	
Resistance to electrostatic discharge	6 kV on contact (on metal parts) conforming to IEC 61000-4-2	
	8 kV in free air (in insulating parts) conforming to IEC 61000-4-2	
Electromagnetic emission	Class B conforming to IEC 55011	

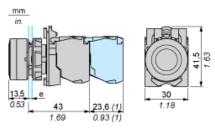
Contractual warranty

Warranty period 18 months	Contractual warranty		
	Warranty period	18 months	

Product datasheet **Dimensions Drawings**

XB5AW36G5

Dimensions

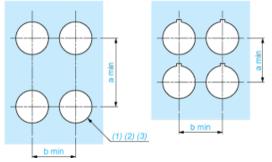


e: (1) clamping thickness: 1 to 6 mm / 0.04 to 0.24 in. Additional row of contacts or double contact.

XB5AW36G5

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

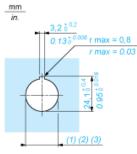
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) (3) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. \emptyset 22.5 mm recommended (\emptyset 22.3 $_0$ ^{+0.4}) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0$ ^{+0.016})

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

Detail of Lug Recess



- Diameter on finished panel or support (1)
- (2) (3) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. \emptyset 22.5 mm recommended (\emptyset 22.3 $_0$ ^{+0.4}) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0$ ^{+0.016})