

Illuminated double headed push button, Harmony XB5, plastic, 22mm, 1 green flush I + 1 pilot light + 1 red projecting O, 120V AC DC, 1NO + 1NC

XB5AW73731G5

Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks

Main

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Range of product	Harmony XB5				
Product or component type	Illuminated double-headed push-button				
Device short name	XB5				
Bezel material	Dark grey plastic				
Fixing collar material	Plastic				
Head type	Standard				
Mounting diameter	22 mm				
Shape of signaling unit head	Rectangular				
Type of operator	spring return				
Operator profile	1 flush - 1 projecting push-buttons - 1 central pilot light				
Operators description	Green "I" - red "O"				
Contacts type and composition	1 NO + 1 NC				
Contact operation	Slow-break				
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1 Spring terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Spring terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1				
Light source	Protected LED				
Bulb base	Integral LED				
[Us] rated supply voltage	110120 V AC at 50/60 Hz				

Complementary

Height	50 mm
Width	30 mm
Depth	59 mm
Terminals description ISO n°1	(11-12)NC (13-14)NO
Product weight	0.066 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			
Tightening torque	0.81.2 N.m conforming to IEC 60947-1			
Shape of screw head	Cross compatible with JIS No 1 screwdriver 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			
Contacts material	Silver alloy (Ag/Ni)			
Short-circuit protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1			
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1			
[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			
[le] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1			
Electrical durability	1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, 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/h, 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/h, 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/h, 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/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C			
Electrical reliability	Λ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4			
Signalling type	Steady			
Light source colour	White			
Supply voltage limits	94132 V AC			
Current consumption	14 mA			
Service life	100000 year(s) at rated voltage and 25 °C			
Surge withstand	1 kV conforming to IEC 61000-4-5			
Device presentation	Complete product			
Environment				
Protective treatment	тн			
Ambient air temperature for storage	-4070 °C			
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-4070 °C			
Class II conforming to IEC 61140			
IP66 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K			
NEMA 13 NEMA 4X			
IK05 conforming to IEC 50102			
IEC 60947-5-1 CSA C22.2 No 14 UL 508 IEC 60947-1 IEC 60947-5-4 JIS C8201-5-1 JIS C8201-1			
CSA LROS (Lloyds register of shipping) BV UL listed DNV			
5 gn (f= 2500 Hz) conforming to IEC 60068-2-6			
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			
2 kV conforming to IEC 61000-4-4			
10 V/m conforming to IEC 61000-4-3			
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			
Class B conforming to IEC 55011			

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.400 cm
Package 1 Width	5.300 cm
Package 1 Length	9.100 cm
Package 1 Weight	60.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.555 kg

Contractual warranty

Warranty	18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Total lifecycle Carbon footprint	54
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	1b727668-980f-44dd-96d8-f205d181f25e
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

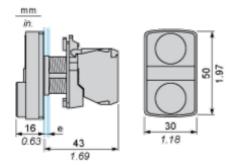
Use Again

○ Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product data sheet XB5AW73731G5

Dimensions Drawings

Dimensions

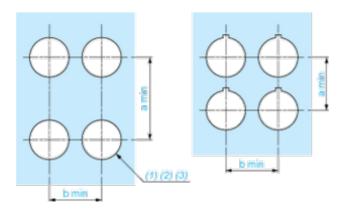


e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

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

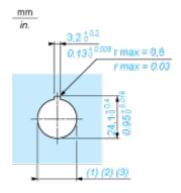
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3 $_0^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_0^{+0.016}$)

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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



- (1) Diameter on finished panel or support
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Technical Illustration

Dimensions

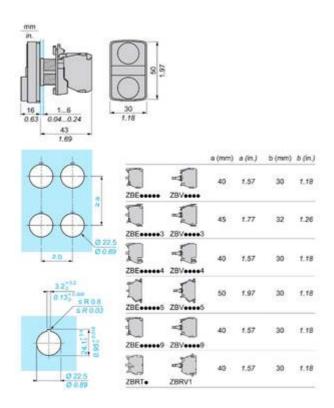


Image of product / Alternate images

Alternative













Image of product in real life situation

