

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

Product availability: Stock - Normally stocked in distribution facility

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

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	0.9 in (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 IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1 Spring terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Spring terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1				
Light source	Protected LED				
Bulb base	Integral LED				
[Us] rated supply voltage	110120 V AC 50/60 Hz				

Complementary

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Height	2.0 in (50 mm)
Width	1.2 in (30 mm)
Depth	2.3 in (59 mm)
Terminals description ISO n°1	(11-12)NC (13-14)NO
Net Weight	0.146 lb(US) (0.066 kg)
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 IEC 60947-5-1 appendix K				
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.1 in (2.6 mm) NO changing electrical state) 0.2 in (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	7.0810.6 lbf.in (0.81.2 N.m) IEC 60947-1				
Shape of screw head	Cross JIS No 1 Cross Philips no 1 Cross pozidriv 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 IEC 60947-5-1				
[Ith] conventional free air thermal current	10 A IEC 60947-5-1				
[Ui] rated insulation voltage	600 V 3)IEC 60947-1				
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1				
[le] rated operational current	3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1				
Electrical durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
Electrical reliability	Λ < 10exp(-6) 5 V 1 mA in clean environment IEC 60947-5-4 Λ < 10exp(-8) 17 V 5 mA in clean environment 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 IEC 61000-4-5				
Device presentation	Complete product				
Environment					
Protective treatment	тн				

Protective treatment	TH
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)
Overvoltage category	Class II conforming to IEC 61140

IP degree of protection	IP66 IEC 60529 IP69 IEC 60529 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK05 conforming to IEC 50102
Standards	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
Product Certifications	CSA LROS (Lloyds register of shipping) BV UL Listed DNV
Vibration resistance	5 gn (f= 2500 Hz) conforming to 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	9.1 V/m (10 V/m) IEC 61000-4-3
Resistance to electrostatic discharge	6 kV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2
Electromagnetic emission	Class B IEC 55011

Ordering and shipping details

Category	US10CS222467
Discount Schedule	0CS2
GTIN	3389119043557
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.34 in (3.400 cm)
Package 1 Width	2.09 in (5.300 cm)
Package 1 Length	3.58 in (9.100 cm)
Package 1 Weight	2.116 oz (60.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	7.837 lb(US) (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	
Carbon footprint (kg CO2 eq, Total Life cycle)	54
Environmental Disclosure	Product Environmental Profile

Use Better

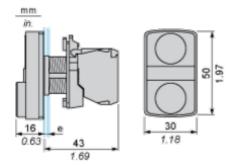
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	1b727668-980f-44dd-96d8-f205d181f25e
REACh Regulation	REACh Declaration
California proposition 65	WARNING: 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	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions



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

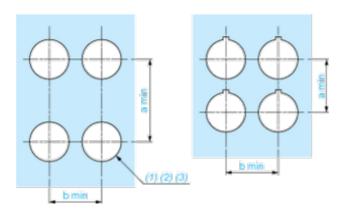
Product data sheet

XB5AW73731G5

Mounting and Clearance

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

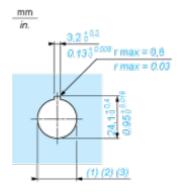
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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

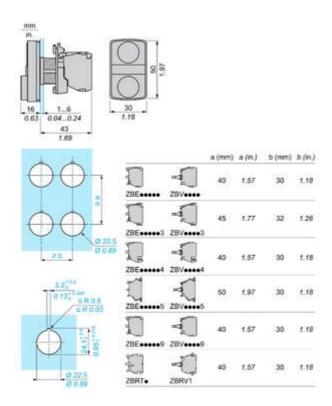
Detail of Lug Recess



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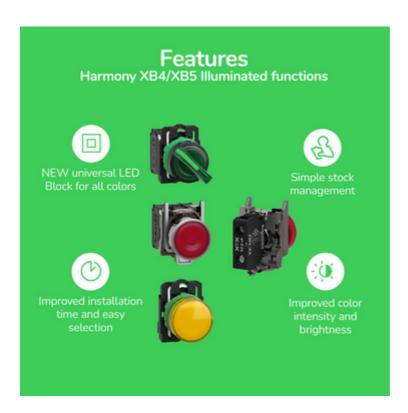
Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative













Image of product in real life situation

