

Illuminated double headed push button, Harmony XB5, plastic, 22mm, 1 green flush I + 1 pilot light + 1 red projecting O, 240V AC DC, 1NO + 1NC

XB5AW73731M5

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 | 22 mm |
| Shape of signaling unit head | Rectangular |
| Type of operator | spring return |
| Operator profile | Green flush, I (white) Red projecting, O (white) |
| 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 | 230240 V AC 50/60 Hz |

Complementary

| Height | 50 mm |
|------------------------------------|---------------------------------------|
| Width | 30 mm |
| Depth | 59 mm |
| Terminals description ISO n°1 | (13-14)NO (11-12)NC |
| Product weight | 0.066 kg |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| 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, 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4 | | | | |
| Signalling type | Steady | | | | |
| Supply voltage limits | 195264 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 | | | | |
| Light source colour | White | | | | |
| Colour of marking | White marking when green, red or black caps Black marking when white caps | | | | |
| Environment | | | | | |
| Protective treatment | тн | | | | |
| Ambient air temperature for storage | -4070 °C | | | | |
| Ambient air temperature for operation | -4070 °C | | | | |
| Overvoltage category | Class II conforming to IEC 61140 | | | | |

| IP degree of protection | IP66 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K | | |
|---------------------------------------|---|--|--|
| NEMA degree of protection | NEMA 13 NEMA 4X | | |
| IK degree of protection | IK05 conforming to IEC 50102 | | |
| Standards | JIS C8201-5-1 UL 508 IEC 60947-5-4 IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 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 (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 | | |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|-----------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.600 cm |
| Package 1 Width | 3.300 cm |
| Package 1 Length | 5.300 cm |
| Package 1 Weight | 62.000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 100 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 6.692 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 800 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 64.284 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 | 108 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

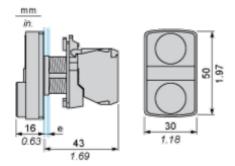
| Packaging made with recycled cardboard | Yes |
|--|---|
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| SCIP Number | 8b2bdfa8-dc90-4f7c-a839-fe480d9b3c1e |
| California proposition 65 | WARNING: This product can expose 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 |

Dimensions Drawings

Dimensions



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

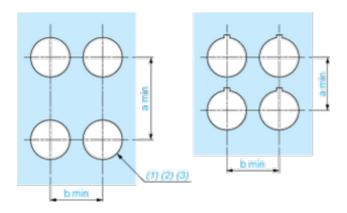
Product data sheet

XB5AW73731M5

Mounting and Clearance

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

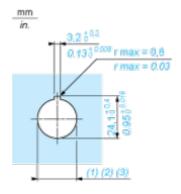
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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. $_0^{+0.016}$)

| | | | | • |
|---|---------|----------|---------|----------|
| 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
- (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. $_0^{+0.016}$)

Technical Illustration

Dimensions

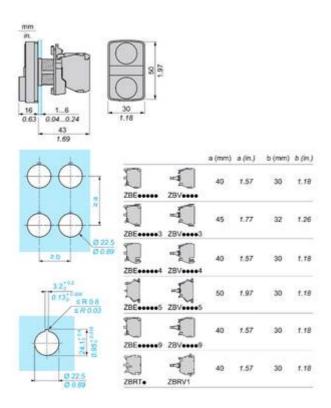


Image of product / Alternate images

Alternative













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Image of product in real life situation

