

Product data sheet

Specifications



Complete illuminated push button,
Harmony XB6, yellow flush illum
pushbutton Ø 16 spring return 1 NO
12...24 V

XB6AW5B1B

! Discontinued

! Discontinued on: Jun 30, 2023

Product availability: Non-Stock - Not normally stocked in
distribution facility

Main

Range Of Product	Harmony XB6
Product Or Component Type	Complete illuminated push-button
Device Short Name	XB6
Bezel Material	Plastic
Mounting Diamete	0.63 in (16 mm)
Sale Per Indivisible Quantity	1
Shape Of Signaling Unit Head	Round
Type Of Operator	spring return
Operator Profile	Yellow flush, unmarked
Contacts Type And Composition	1 NO
Contact Operation	Slow-break
Connections - Terminals	Faston connectors 2.8 x 0.5 mm
Light Source	LED
Bulb Base	Integral LED
[Us] Rated Supply Voltage	12...24 V AC/DC

Complementary

Cad Overall Width	0.71 in (18 mm)
Cad Overall Height	0.71 in (18 mm)
Cad Overall Depth	2.24 in (57 mm)
Terminals Description Iso N°1	(13-14)NO
Net Weight	0.05 lb(US) (0.022 kg)
Operating Position	Any position
Positive Opening	With EN/IEC 60947-5-1 appendix K
Operating Travel	0.04 in (1 mm) NO changing electrical state 0.14 in (3.5 mm) total travel
Operating Force	3.5 N NO changing electrical state
Contacts Material	Silver alloy (Ag/Ni)
Short-Circuit Protection	6 A cartridge fuse gG

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

Disclaimer: 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

[Ui] Rated Insulation Voltage	250 V 3)EN/IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	4 kV EN/IEC 60947-1
[Ie] Rated Operational Current	3 A 120 V, AC-15, B300 EN/IEC 60947-5-1 1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1 0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1 0.22 A 125 V, DC-13, R300 EN/IEC 60947-5-1
Electrical Durability	1000000 cycles, AC-15 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
Electrical Reliability	$\Lambda = 10\exp(-8)$ 5 V 1 mA with confidence level of 90 % IEC 60947-5-4
Signalling Type	Steady
Supply Voltage Limits	6...30 V AC/DC
Current Consumption	15 mA
Surge Withstand	1 kV direct contact IEC 61000-4-5 2 kV in free air IEC 61000-4-5

Environment

Protective Treatment	TC
Ambient Air Temperature For Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature For Operation	-13...158 °F (-25...70 °C)
Electrical Shock Protection Class	Class II IEC 61140
Ip Degree Of Protection	IP65 IEC 60529
Nema Degree Of Protection	NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C 852 CSA C22.2 No 14 EN/IEC 60947-5-5 JIS C 4520
Product Certifications	CSA GOST UL CCC
Vibration Resistance	+/- 3 mm 2...500 Hz)IEC 60068-2-6 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	9.14 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	US10CS222459
Discount Schedule	0CS2
Gtin	785901356615

Returnability	No
Country Of Origin	MX

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.54 in (6.452 cm)
Package 1 Width	1.00 in (2.54 cm)
Package 1 Length	6.45 in (16.387 cm)
Package 1 Weight	3.20 oz (90.718 g)

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation

[China RoHS declaration](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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