

Product data sheet

Specifications



rectangle yellow illumin pushbutton
Ø16-flush push-to-release 12
VDC polarised 2C/O

XB6EDF5J2P

⚠ Discontinued on: Dec 2, 2020

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

Main

Range Of Product	Harmony XB6E
Product Or Component Type	Illuminated monolithic push-button
Device Short Name	XB6E
Bezel Material	Plastic
Mounting Diameter	0.63 in (16 mm)
Sale Per Indivisible Quantity	5
Shape Of Signaling Unit Head	Rectangular
Type Of Operator	latching
Operator Profile	Yellow flush
Contacts Type And Composition	2 C/O
Contact Operation	Snap action
Connections - Terminals	Faston connectors 2.8 x 0.5 mm Soldered connectors
Contacts Material	Gold-flashed silver
Light Source	Integral LED
[Us] Rated Supply Voltage	12 V DC polarised

Complementary

Height	0.71 in (18 mm)
Width	0.94 in (24 mm)
Depth	1.57 in (40 mm)
Terminals Description Iso N°1	(13-14-11-12)OF (23-24-21-22)OF
Net Weight	0.01 lb(US) (0.006 kg)
Overvoltage Category	II IEC 60536
Operating Position	Any position
Marking	CE
Operating Force	1.3 N C/O changing electrical state
Mechanical Durability	250000 cycles
Short-Circuit Protection	3 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.

[Ith] Conventional Free Air Thermal Current	3 A
[Uij] Rated Insulation Voltage	250 V 2)IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	2.5 kV IEC 60947-1
Electrical Durability	50000 cycles, DC-12, 1 A 30 V IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A 125 V IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A 250 V 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
Current Consumption	20 mA
Service Life	50000 h

Environment

Ambient Air Temperature For Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature For Operation	14...131 °F (-10...55 °C)
Ip Degree Of Protection	IP65 IEC 60529
Standards	JIS C 4520 JIS C 852 UL 508 IEC 60947-5-1 IEC 60947-1 CSA C22.2 No 14
Product Certifications	cURus CCC
Vibration Resistance	1 mm 5...55 Hz)IEC 60068-2-6 9 gn 5...55 Hz)IEC 60068-2-6
Shock Resistance	20 gn 11 ms) half sine wave acceleration IEC 60068-2-27
Electromagnetic Compatibility	Electrostatic discharge immunity test - test level: 8 kV conforming to IEC 61000-4-2

Ordering and shipping details

Category	22459-PUSHBUTTONS, 16MM
Discount Schedule	CS2
Gtin	03389110631845
Returnability	No
Country Of Origin	CN

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 >](#)



Transparency RoHS/REACH

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

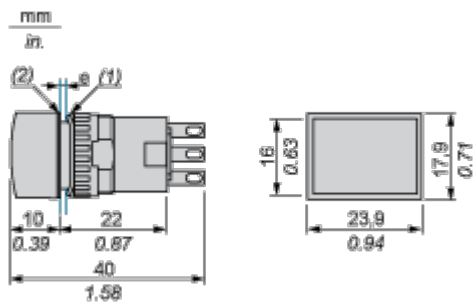
Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information

Dimensions Drawings

Pushbutton

Rectangular Head



- (1) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)
- (2) Seal (thickness: 0.5 mm / 0.01 in.)
- e panel thickness: 0.5 mm (0.01 in.) ≤ e ≤ 6 mm (0.24 in.)

Mounting and Clearance

Panel Cut-Out and Mounting

Rectangular Head

