

# Product data sheet

Specifications



## round red illuminated pushbutton Ø 16 - flush push to release-24 V-1OC

XB6EAF4B1C

⚠ Discontinued on: Jan 29, 2021

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### Main

Range Of Product	Harmony XB6E
Product Or Component Type	Illuminated monolithic push-button
Device Short Name	XB6E
Bezel Material	Plastic
Mounting Diameter	16 mm
Sale Per Indivisible Quantity	5
Shape Of Signaling Unit Head	Round
Type Of Operator	latching
Operator Profile	Red flush
Contacts Type And Composition	1 C/O
Contact Operation	Snap action
Connections - Terminals	Faston connectors, connection size: 2.8 x 0.5 mm Soldered connectors
Contacts Material	Gold-flashed silver
Light Source	Integral LED
[Us] Rated Supply Voltage	24 V

### Complementary

Height	18 mm
Width	18 mm
Depth	40 mm
Terminals Description Iso N°1	(13-14-11-12)OF
Net Weight	0.006 kg
Overvoltage Category	II conforming to 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 type gG
[Ith] Conventional Free Air Thermal Current	3 A

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

<b>[Ui] Rated Insulation Voltage</b>	250 V (pollution degree 2) conforming to IEC 60947-1
<b>[Uimp] Rated Impulse Withstand Voltage</b>	2.5 kV conforming to IEC 60947-1
<b>Electrical Durability</b>	50000 cycles, DC-12, 1 A at 30 V conforming to IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A at 125 V conforming to IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A at 250 V conforming to IEC 60947-5-1 appendix C
<b>Electrical Reliability</b>	$\Lambda = 10\exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
<b>Signalling Type</b>	Steady
<b>Current Consumption</b>	10 mA
<b>Service Life</b>	50000 h

## Environment

<b>Ambient Air Temperature For Storage</b>	-40...70 °C
<b>Ambient Air Temperature For Operation</b>	-25...55 °C
<b>Ip Degree Of Protection</b>	IP40 conforming to IEC 60529
<b>Standards</b>	JIS C 852 IEC 60947-5-1 IEC 60947-1 CSA C22.2 No 14 UL 508 JIS C 4520
<b>Product Certifications</b>	CCC cURus
<b>Vibration Resistance</b>	1 mm (f= 5...55 Hz) conforming to IEC 60068-2-6 9 gn (f= 5...55 Hz) conforming to IEC 60068-2-6
<b>Shock Resistance</b>	20 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
<b>Electromagnetic Compatibility</b>	Electrostatic discharge immunity test - test level: 8 kV conforming to IEC 61000-4-2

## 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-CO<sub>2</sub> 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) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds and Di-isodecyl phthalate (DIDP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>