

Product data sheet

Specifications



Monolithic selector switch, Harmony XB6E, round black key, 16mm, 2 positions, projecting keylock, stay put, 1CO, key 132

XB6EAG221P

Main

Range Of Product	Harmony XB6E
Product Or Component Type	Monolithic selector switch
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	stay put
Operator Profile	key switch
Operator Position Information	2 positions
Key Number	132
Key Withdrawal Position	In any position
Contacts Type And Composition	1 C/O
Contact Operation	Snap action
Connections - Terminals	Insulated faston, connection size: 2.8 x 0.5 mm Solder terminal, clamping capacity: <= 0.75 mm² AWG 19 Fast connector socket
Contacts Material	Gold-flashed silver

Complementary

Net Weight	0.02 kg
Overvoltage Category	II conforming to IEC 60536
Marking	CE
Mechanical Durability	250000 cycles
Tightening Torque	0.6...1 N.m
Contact Resistance	50 mOhm at 1/6 V
Short-Circuit Protection	2 A cartridge fuse type gG
[Ith] Conventional Free Air Thermal Current	3 A (fast connector socket) 5 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

[Ie] Rated Operational Current	1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1 0.7 A at 240 V, AC-13 conforming to EN/IEC 60947-5-1 1 A at 120 V, AC-13 conforming to EN/IEC 60947-5-1 1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1 0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-12 conforming to EN/IEC 60947-5-1 0.15 A at 125 V, DC-13 conforming to EN/IEC 60947-5-1
Electrical Durability	100000 cycles, AC, 0.7 A at 220 V conforming to EN/IEC 60947-5-1 appendix C

Environment

Ambient Air Temperature For Storage	-40...70 °C
Ambient Air Temperature For Operation	-10...55 °C
Ip Degree Of Protection	IP65 conforming to IEC 60529
Standards	UL 508 CSA C22.2 No 14 IEC 60947-1 JIS C 852 JIS C8201-5-1 IEC 60947-5-1 JIS C8201-1
Product Certifications	CCC cURus
Vibration Resistance	1 mm (f= 10...55 Hz) conforming to IEC 60068-2-6
Shock Resistance	10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.500 cm
Package 1 Width	4.000 cm
Package 1 Length	9.000 cm
Package 1 Weight	26.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	5
Package 2 Height	3.500 cm
Package 2 Width	9.000 cm
Package 2 Length	18.500 cm
Package 2 Weight	131.000 g
Unit Type Of Package 3	S01
Number Of Units In Package 3	50
Package 3 Height	15.000 cm
Package 3 Width	15.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	1.443 kg

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

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

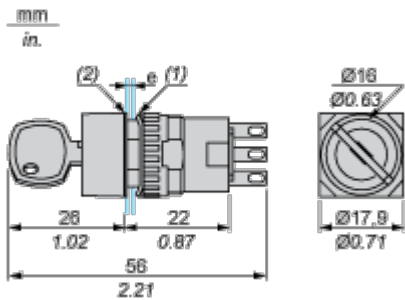
Certifications & Standards

Reach Regulation	REACH Declaration
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
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

Dimensions Drawings

Key Switch

Circular 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

Circular or Square Head

