Product data sheet
Characteristics

XB6EDF4B1F
Illuminated monolithic push button, Harmony XB6E, rectangular red Ø 16, flush to release, 24 V, 1CO



Commercial status
End of Commercialisation : OCT 20, 2020

⚠ End of Commercialisation

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	Rectangular
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	24 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
[Ui] rated insulation voltage	250 V (pollution degree 2) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 KV conforming to IEC 60947-1
Electrical durability	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

Electrical reliability	Λ = 10exp(-8) at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
Signalling type	Steady
Current consumption	10 mA
Service life	50000 H

Environment

Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…55 °C
IP degree of protection	IP40 conforming to IEC 60529
Standards	CSA C22.2 No 14 JIS C 852 UL 508 IEC 60947-1 JIS C 4520 IEC 60947-5-1
Product certifications	cURus[RETURN]CCC
Vibration resistance	1 mm (f= 5…55 Hz) conforming to IEC 60068-2-6 9 gn (f= 5…55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 8 kV conforming to IEC 61000-4-2

Offer Sustainability

REACh free of SVHC	Yes
Mercury free	Yes
Sustainable packaging	No
EU RoHS Directive	Compliant By Exemption

Product Life Status : End of commercialisation

XB6EDF4B1F is replaced by the following product range:



631

Ø 16 mm plastic pushbuttons, switches, and pilot lights

Substitution date: |