Product data sheet
Characteristics

XB6EAA42C
round red pushbutton Ø 16 - flush spring return - 2OC

Commercial status
End of Commercialisation : JAN 29, 2021

⚠ End of Commercialisation

Main

Range of product	Harmony XB6E
Product or component type	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	Spring return
Operator profile	Red flush
Contacts type and composition	2 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	0.006 Kg
Overvoltage category	II conforming to IEC 60536
Operating position	Any position
Marking	CE
Mechanical durability	1000000 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
[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	-25…55 °C
IP degree of protection	IP40 conforming to IEC 60529
Standards	UL 508 IEC 60947-5-1 IEC 60947-1 CSA C22.2 No 14 JIS C 4520 JIS C 852
Product certifications	cURus[RETURN]CCC
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

Offer Sustainability

Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds and Di-isodec

Product Life Status : End of commercialisation

XB6EAA42C is replaced by the following product range:



631

Ø 16 mm plastic pushbuttons, switches, and pilot lights

Substitution date: |