Product data sheet
Characteristics

XB6EAW6B1F
Illuminated monolithic push button, Harmony XB6E, round blue Ø 16, flush spring return, 24 V, 1CO



Commercial status
End of Commercialisation : JUL 05, 2023

⚠ 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	Round
Type of operator	Spring return
Operator profile	Blue flush
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
Light source	Integral LED
[Us] rated supply voltage	24 V

Complementary

Net weight	0.006 Kg
Operating position	Any position
Marking	CE
Mechanical durability	1000000 Cycles
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 IEC 60947-5-1 1 A at 240 V, AC-12 conforming to IEC 60947-5-1 1 A at 24 V, DC-12 conforming to IEC 60947-5-1 0.7 A at 24 V, DC-13 conforming to IEC 60947-5-1 0.2 A at 125 V, DC-12 conforming to IEC 60947-5-1 0.15 A at 125 V, DC-13 conforming to IEC 60947-5-1
Electrical durability	100000 Cycles, AC, 0.7 A at 220 V conforming to IEC 60947-5-1 appendix C
Signalling type	Steady

Current consumption	10 mA
Service life	30000 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	JIS C 4520 IEC 60947-1 IEC 60947-5-1 JIS C 852 CSA C22.2 No 14 UL 508
Product certifications	CCC[RETURN]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	2.3 Cm
Package 1 Width	9.1 Cm
Package 1 Length	19.3 Cm
Package 1 Weight	126.0 G

Offer Sustainability

REACh free of SVHC	Yes
Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption

Product Life Status : End of commerc. - Block

XB6EAW6B1F is replaced by the following product range:



631

Ø 16 mm plastic pushbuttons, switches, and pilot lights

Substitution date: |