



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	Square
Type of operator	Stay put
Operator profile	Black standard handle
Operator position information	3 positions
Contacts type and composition	2 C/O
Contact operation	Snap action
Connections - terminals	Fast connector socket Solder terminal, clamping connection $\leq 0.75 \text{ mm}^2$ / AWG 19 min Insulated faston : 2.8 x 0.5 mm
Contacts material	Gold-flashed silver

Complementary

Product weight	0.01 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 for 1/6 V
Short-circuit protection	2 A by gG cartridge fuse
[I _{th}] conventional free air thermal current	3 A with fast connector socket 5 A
[I _e] 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 - 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	IEC 60947-1 IEC 60947-5-1 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14
-----------	--

Product certifications	CCC cURus
------------------------	--------------

Vibration resistance	1 mm (10...55 Hz) conforming to IEC 60068-2-6
----------------------	---

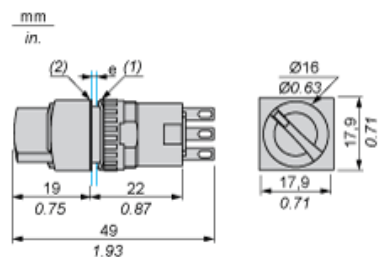
Shock resistance	10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
------------------	---

Contractual warranty

Warranty period	18 months
-----------------	-----------

Selector Switch with Standard Handle

Square 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.) $\leq e \leq 6$ mm (0.24 in.)

Panel Cut-Out and Mounting

Circular or Square Head

