



## XB7ND21

### Selector -2POS-1NO



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#### Main

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Range of product	Harmony XB7
Product or component type	Monolithic selector switch
Device short name	XB7
Mounting diameter	22 mm
Sale per indivisible quantity	10
Product weight	0.026 kg
IP degree of protection	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529
Shape of signaling unit head	Round
Type of operator	Stay put
Operator profile	Black
Operator position information	2 positions 90°
Contacts type and composition	1 NO
Positive opening	Without positive opening

#### Complementary

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CAD overall width	29 mm
CAD overall height	29 mm
CAD overall depth	68.5 mm
Terminals description ISO n°1	(13-14)NO
Device mounting	Fixing hole: $\varnothing$ 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-1
Fixing center	$\geq$ 30 x 40 mm on support panel, metal, thickness: 1...6 mm $\geq$ 30 x 40 mm on support panel, plastic, thickness: 2...6 mm
Fixing mode	Fixing nut recommended torque: 2.2 N.m (+/- 0.2 N.m)
Contacts operation	Slow-break
Mechanical durability	300000 cycles
Connections - terminals	Screw clamp terminals: $\leq$ 2 x 1.5 mm <sup>2</sup> with cable end conforming to EN/IEC 60947-1 Screw clamp terminals: 1 x 0.34...2 x 2.5 mm <sup>2</sup> without cable end conforming to EN/IEC 60947-1
Tightening torque	0.8...1.2 N.m conforming to EN 60947-1
Shape of screw head	Cross head compatible with JIS No 1 screwdriver Cross head compatible with Philips no 1 screwdriver Cross head compatible with pozidriv No 1 screwdriver Slotted head compatible with flat $\varnothing$ 4 mm screwdriver Slotted head compatible with flat $\varnothing$ 5.5 mm screwdriver
Short circuit protection	4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1

**[Ie] rated operational current** 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1  
0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1  
0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1  
0.6 A at 120 V, AC-14, D300 conforming to EN/IEC 60947-5-1

**Electrical reliability IEC 60947-5-4**  $\Lambda < 10\text{exp}(-6)$  at 17 V, 5 mA conforming to IEC 60947-5-4

## Environment Hide

<b>Protective treatment</b>	TH
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Class of protection against electric shock</b>	Class II conforming to IEC 61140
<b>NEMA degree of protection</b>	NEMA 12 conforming to UL 50 E NEMA 3 conforming to UL 50 E
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C 4520 UL 508 CSA C22.2 No 14
<b>Vibration resistance</b>	5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

## Offer Sustainability Hide

**Sustainable offer status** Not Green Premium product

## Contractual warranty Hide

**Period** 18 months