



# XB7NJ04B1

ILLUM. P.B - LED - Latch -1NO - Red - 24v



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## Main

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<b>Range of product</b>	Harmony XB7
<b>Product or component type</b>	Monolithic pushbutton
<b>Device short name</b>	XB7
<b>Mounting diameter</b>	22 mm
<b>Sale per indivisible quantity</b>	10
<b>IP degree of protection</b>	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529
<b>Shape of signaling unit head</b>	Round
<b>Type of operator</b>	Push and push-to-release
<b>Operator profile</b>	Red unmarked
<b>Contacts type and composition</b>	1 NO
<b>Connections - terminals</b>	Screw clamp terminals: <= 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
<b>Light source</b>	LED
<b>Bulb base</b>	Integral LED
<b>[Us] rated supply voltage</b>	24 V AC/DC

## Complementary

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<b>CAD overall width</b>	29 mm
<b>CAD overall height</b>	29 mm
<b>CAD overall depth</b>	57.5 mm
<b>Terminals description ISO n°1</b>	(13-14)NO
<b>Product weight</b>	0.023 kg
<b>Device mounting</b>	Fixing hole: Ø 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-1
<b>Fixing center</b>	>= 30 x 40 mm on support panel, metal, thickness: 1...6 mm >= 30 x 40 mm on support panel, plastic, thickness: 2...6 mm
<b>Fixing mode</b>	Fixing nut beneath head recommended torque: 2.2 N.m (+/- 0.2 N.m)
<b>Contacts operation</b>	Slow-break
<b>Positive opening</b>	With (only NO) positive opening
<b>Mechanical durability</b>	300000 cycles
<b>Tightening torque</b>	0.8...1.2 N.m conforming to EN 60947-1
<b>Shape of screw head</b>	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 Ø 4 mm screwdriver Slotted head compatible with flat Ø 5.5 mm screwdriver
<b>Short circuit protection</b>	4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1

<b>[Ui] rated insulation voltage</b>	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
<b>[Uimp] rated impulse withstand voltage</b>	4 kV conforming to EN/IEC 60947-1
<b>[Ie] rated operational current</b>	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
<b>Electrical reliability IEC 60947-5-4</b>	$\Lambda \leq 10\exp(-6)$ at 17 V, 5 mA conforming to EN/IEC 60947-5-4
<b>Signalling type</b>	Steady
<b>Supply voltage limits</b>	19.2...30 V DC 21.6...26.4 V AC
<b>Current consumption</b>	18...27 mA
<b>Service life</b>	70000 h at rated voltage and 25 °C

## Environment

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<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
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C 4520 UL 508 CSA C22.2 No 14
<b>Product certifications</b>	CCC GOST
<b>Vibration resistance</b>	5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 30 gn (duration = 18 ms) for half sine wave acceleration
<b>Electromagnetic emission</b>	Class B conforming to EN 55011

## Offer Sustainability

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<b>Sustainable offer status</b>	Not Green Premium product
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## Contractual warranty

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<b>Period</b>	18 months
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