

# XB6DW4B2B

Complete illuminated push button, Harmony XB6, red rectang flush, 16mm, spring return 1NC 12...24V



## Main

Range of Product	Harmony XB6
Product or Component Type	Complete illuminated push-button
Device short name	XB6
Bezel material	Plastic
Mounting diameter	0.63 in (16 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Rectangular
Type of operator	Spring return
Operator profile	Red flush, unmarked
Contacts type and composition	1 NC
Contact operation	Slow-break
Connections - terminals	Faston connectors 2.8 x 0.5 mm
Light source	LED
Bulb base	Integral LED
[Us] rated supply voltage	12...24 V AC/DC

## Complementary

CAD overall width	0.94 in (24 mm)
CAD overall height	0.71 in (18 mm)
CAD overall depth	2.24 in (57 mm)
Terminals description ISO n°1	(21-22)NC
Net Weight	0.05 lb(US) (0.022 kg)
Operating position	Any position
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.08 in (2 mm) NC changing electrical state) 0.14 in (3.5 mm) total travel)
Operating force	4.5 N NC changing electrical state
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	6 A cartridge fuse gG
[Ui] rated insulation voltage	250 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1
[Ie] rated operational current	3 A 120 V, AC-15, B300 IEC 60947-5-1 1.5 A 240 V, AC-15, B300 IEC 60947-5-1 0.1 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda = 10\exp(-8)$ 5 V 1 mA with confidence level of 90 % IEC 60947-5-4
Signalling type	Steady
Supply voltage limits	6...30 V AC/DC
Current Consumption	15 mA
Surge withstand	1 kV direct contact IEC 61000-4-5 2 kV in free air IEC 61000-4-5

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## Environment

Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Electrical shock protection class	Class II IEC 61140
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94
Standards	IEC 60947-5-5 IEC 60947-1 JIS C 4520 CSA C22.2 No 14 JIS C 852 IEC 60947-5-1
Product Certifications	UL[RETURN]CSA[RETURN]CCC[RETURN]GOST
Vibration resistance	+/- 3 mm 2...500 Hz)IEC 60068-2-6 5 gn 2...500 Hz)IEC 60068-2-6
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27
Resistance to fast transients	2 kV IEC 61000-4-4
Resistance to electromagnetic fields	9.14 V/m (10 V/m) IEC 61000-4-3
Resistance to electrostatic discharge	6 KV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2
Electromagnetic emission	Class B IEC 55011

## Ordering and shipping details

Category	22459-PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	3389110763843
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.79 in (2.000 cm)
Package 1 Width	0.98 in (2.500 cm)
Package 1 Length	2.36 in (6.000 cm)
Package 1 Weight	0.53 oz (15.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	60
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	2.32 lb(US) (1.053 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	1920
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	23.62 in (60.000 cm)
Package 3 Weight	91.92 lb(US) (41.696 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

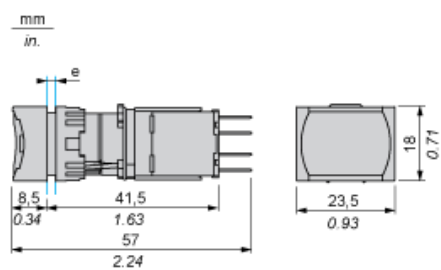
Warranty	18 months
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Rectangular Head Pushbutton

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Dimensions



e panel thickness 1 to 6 mm/0.03 to 2.48 in.

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Panel Cut-out

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For Rectangular Head

$\frac{\text{mm}}{\text{in.}}$

