Product data sheet
Characteristics

XB2BW31B1C
Illuminated push button, Harmony XB2, metal, flush, white, 22mm, spring return, 24V AC DC, 1NO



Main

Range of product	Harmony XB2
Product or component type	Complete illuminated push-button
Device presentation	Complete product
Device short name	XB2
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Mounting diameter	22.5 Mm
Head type	Standard

Complementary

Sale per indivisible quantity	1
Protective treatment	TC/TH
Fixing center	>= 30 x 40 mm (panel) - thickness: 1…6 mm
Fixing mode	Fixing screw beneath head recommended torque: 0.8 N.m Fixing screw beneath head recommended torque: 1.0 N.m
Terminals description ISO n°1	(13-14)NO
Cap/operator or lens colour	White
Product compatibility	ZB2..C
Shape of signaling unit head	Round
Device mounting	Fixing hole - diameter: 22.5 mm
Type of operator	Spring return
Operator profile	White flush, unmarked
Contacts type and composition	1 NO
Contact operation	Slow-break
Contacts usage	Standard contacts
Operating travel	2.88 Mm (NO changing electrical state) 5.0 Mm (total travel)
Mechanical durability	3000000 Cycles
Connections - terminals	Screw clamp terminal, <= 2 x 1.5 mm² with and without cable ends Screw clamp terminal, <= 1 x 2.5 mm² with and without cable ends Screw clamp terminal, >= 1 x 0.5 mm² with and without cable ends Faston terminals, connection size: 6.3 mm
Tightening torque	0.8…1.0 N.M
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
Contacts material	Silver alloy (Ag/Ni)

Short-circuit protection	10 A gL fuse type gG conforming to IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60947-1
[Ie] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15, 3 A at 240 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE 1000000 Cycles, DC-13, 0.27 A at 250 V, operating rate <3600 cyc/h, load factor: 0.5 conforming
Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4
Signalling type	Steady
Light source	LED
Bulb base	BA 9s
[Us] rated supply voltage	24 V AC/DC 50/60 Hz
Supply voltage limits	19.2…26.4 V AC/DC
Current consumption	< 20 mA
Service life	50000 H at rated voltage and 25 °C
Width	30 Mm
Height	40 Mm
Depth	79.5 Mm
Net weight	0.09 Kg
Customizable	No
[Us] rated supply voltage	24 V
Type of operator	Spring return

Environment

Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…70 °C
Overvoltage category	Class I conforming to IEC 60536
Standards	IEC 60947-5-1 IEC 60947-5-4 IEC 60947-1 GB/T 14048.1 GB/T 14048.5
Product certifications	CCC[RETURN]CE
Marking	Unmarked
IP degree of protection	IP65
IK degree of protection	IK06
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 Cm
Package 1 Width	7.000 Cm
Package 1 Length	10.700 Cm
Package 1 Weight	107.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	25
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	2.975 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	400
Package 3 Height	75.000 Cm

Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	55.600 Kg

Offer Sustainability

Recyclability potential, in %	65
Total lifecycle Carbon footprint	20 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.0660375494
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0314279644
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0085508004
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	18.5822049689
Carbon footprint of the use phase [B2, B3, B4, B6]	19 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.2106195652
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	20
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	9e63340a-2371-4381-8f9a-5fba0ff349a4
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, w
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised