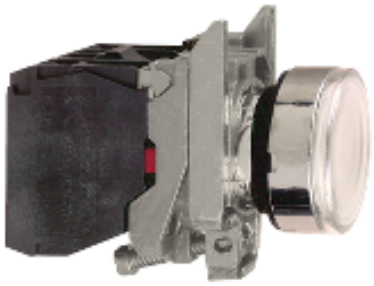
Product data sheet
Characteristics

XB4BW3165
Illuminated push button, Harmony XB4, metal, flush, white, 22mm, spring return, lt 250V, 1NO +1NC



Main

Range of product	Harmony XB4
Product or component type	Illuminated push-button
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Mounting diameter	22.5 Mm
Sale per indivisible quantity	1
Head type	Standard
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	White flush
Operator additional information	With plain lens
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to IEC 60947-1
Light source	Bulb not included
Bulb base	BA 9s
Light block supply	Direct <2.4 W
[Us] rated supply voltage	<= 250 V

Complementary

Height	47 Mm
Width	30 Mm
Depth	57 Mm
Terminals description ISO n°1	(21-22)NC (13-14)NO
Net weight	0.097 Kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Contacts usage	Standard contacts
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	1.5 Mm (NC changing electrical state) 2.6 Mm (NO changing electrical state) 4.3 Mm (total travel)
Operating force	3.5 N NC changing electrical state 3.8 N
Mechanical durability	10000000 Cycles

Tightening torque	0.8…1.2 N.M conforming to IEC 60947-1
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 cartridge 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 6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE 1000000 Cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to I 1000000 Cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE 1000000 Cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to 1000000 Cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to
Electrical reliability	Λ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4
Signalling type	Steady
Device presentation	Complete product

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…55 °C
Electrical shock protection class	Class I conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K
NEMA degree of protection	UL type 4X/13
IK degree of protection	IK06 conforming to IEC 50102
Standards	CSA C22.2 No 14 IEC 60947-5-1 JIS C8201-5-1 IEC 60947-1 IEC 60947-5-4 IEC 60947-5-5 UL 508 JIS C8201-1
Product certifications	CSA[RETURN]LROS (Lloyds register of shipping)[RETURN]BV[RETURN]UL listed[RETURN]DNV
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	3.500 Cm
Package 1 Width	5.500 Cm
Package 1 Length	8.500 Cm
Package 1 Weight	96.700 G
Unit Type of Package 2	S02
Number of Units in Package 2	55
Package 2 Height	15 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	5.576 Kg

Unit Type of Package 3	P06
Number of Units in Package 3	880
Package 3 Height	75.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	60.000 Cm
Package 3 Weight	97.208 Kg

Offer Sustainability

Recyclability potential, in %	75
Total lifecycle Carbon footprint	31 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.730024269
Carbon footprint of the manufacturing phase [A1 to A3]	0.7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0155162183
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0142607018
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	29.9729929357
Carbon footprint of the use phase [B2, B3, B4, B6]	30 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.1616004873
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	31
Average percentage of recycled plastic content	28 %
Average percentage of recycled metal content	17 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	425812e5-011f-4fb4-ad1b-fc9cf9865300
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
Product repair index	A
End of life manual availability	End Of Life Information
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