Product data sheet
Characteristics

XB2BS542C
Complete emergency switching off push button, Harmony XB2, metal, red, mushroom 40mm, 22mm, turn to release, 1NC



Main

Range of product	Harmony XB2
Product or component type	Complete emergency switching off push-button
Device short name	XB2
Device presentation	Complete product
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Mounting diameter	22.5 Mm
Head type	Mushroom
Sale per indivisible quantity	1

Complementary

Operating position	Any position
Device mounting	Fixing hole - diameter: 22.5 mm
Fixing center	>= 30 x 40 mm (1...6 mm thick panel) - thickness: 1…5 mm
Fixing mode	Fixing screw beneath head recommended torque: 0.8 N.m Fixing screw beneath head recommended torque: 1.0 N.m
Shape of signaling unit head	Round
Type of operator	Turn to release
Reset	Turn to release
Operator profile	Red mushroom Ø 40 mm, unmarked
Terminals description ISO n°1	(11-12)NC
Cap/operator or lens colour	Red
Product compatibility	ZB2..C
Contacts type and composition	1 NC
Contact operation	Slow-break
Contacts usage	Standard contacts
Positive opening	With NC contact conforming to IEC 60947-5-1 appendix K
Operating travel	2.0 Mm (NC changing electrical state) 5.0 Mm (total travel)
Mechanical durability	300000 Cycles
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with and without cable ends Screw clamp terminals, <= 1 x 2.5 mm² with and without cable ends Screw clamp terminals, >= 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
Height	40 Mm
Width	40 Mm
Depth	74.5 Mm
Net weight	0.095 Kg
Customizable	No
Type of operator	Mechanical latching

Environment

Protective treatment	TC/TH
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	CE[RETURN]CCC
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	7.000 Cm
Package 1 Weight	98.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	3.310 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	480
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	60.960 Kg

Offer Sustainability

Recyclability potential, in %	10
Total lifecycle Carbon footprint	2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.7597847534
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0349201794
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0001583049
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.8144
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0.8 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0770008969
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	2
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	9e63340a-2371-4381-8f9a-5fba0ff349a4
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, wi
PVC free	Yes
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