Product data sheet
Characteristics

XA2EA42
Complete push button, Harmony XA2, plastic, flush, red, 22mm, spring return, unmarked, 1NC



Commercial status
End of Commercialisation : JAN 09, 2026

⚠ End of Commercialisation

Main

Range of product	Harmony XA2
Product or component type	Complete push-button
Device short name	XA2
Device presentation	Complete product
Component name	XA2E
Bezel material	Plastic
Fixing collar material	Plastic

Complementary

Mounting diameter	22.5 Mm
Sale per indivisible quantity	1
Protective treatment	TC
Operating position	Any position
Fixing center	>= 30 x 40 mm (panel) - thickness: 1…5 mm
Fixing mode	Fixing nut: 2…2.4 N.m
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Red flush, unmarked
Contacts type and composition	1 NC
Contact operation	Slow-break
Positive opening	With NC contact conforming to IEC 60947-5-1 appendix K
Mechanical durability	1500000 Cycles
Connections - terminals	Screw clamp terminal, <= 2 x 1.5 mm² Screw clamp terminal, <= 1 x 2.5 mm² Screw clamp terminal, >= 1 x 0.5 mm² Faston terminals, connection size: 6.3 mm
Tightening torque	0.8 N.M
Short-circuit protection	10 A gL fuse conforming to IEC 60269-1
[Ith] conventional free air thermal current	10 A
[Ui] rated insulation voltage	600 V 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 0.27 A at 250 V, DC-13, Q600
Electrical durability	500000 Cycles, AC-15, 3 A at 230 V, operating rate <60 cyc/mn, load factor: 0.5 conforming to 500000 Cycles, DC-13, 0.2 A at 110 V, operating rate <60 cyc/mn, load factor: 0.5
Electrical reliability	Λ < 10exp(-8) at 24 V

Width	30 Mm
Height	42 Mm
Depth	54.7 Mm
Net weight	0.032 Kg
Cap/operator or lens colour	Red
Type of operator	Spring return

Environment

Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…55 °C
Overvoltage category	Class I conforming to IEC 536
IP degree of protection	IP65 conforming to IEC 60529
IK degree of protection	IK03 conforming to IEC 60529
Standards	IEC 60947-5-1 GB 14048.5 IEC 60947-1 GB 14048.1
Product certifications	CCC[RETURN]CE
Vibration resistance	10 gn (f= 40…500 Hz) conforming to IEC 60068-2-6
Shock resistance	70 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	3.300 Cm
Package 1 Width	3.300 Cm
Package 1 Length	6.350 Cm
Package 1 Weight	34.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	5.000 Cm
Package 2 Width	5.000 Cm
Package 2 Length	15.000 Cm
Package 2 Weight	170.000 G
Unit Type of Package 3	S02
Number of Units in Package 3	100
Package 3 Height	15.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	3.737 Kg

Offer Sustainability

Total lifecycle Carbon footprint	0.2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.1679776119
Carbon footprint of the manufacturing phase [A1 to A3]	0.2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0104758209
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0266176119
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.0030588571
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0245838806
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.

Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation