Product data sheet
Characteristics

XA2AW31B1
Complete illuminated push button, Harmony XA2, plastic head, 22mm, white, 1NO, AC/DC 24V, spring return



Main

Range of product	Harmony XA2
Device short name	XA2
Product or component type	Complete illuminated push-button
Device presentation	Complete product
Component name	XA2A
Bezel material	Plastic
Fixing collar material	Plastic
Mounting diameter	22.5 Mm

Complementary

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 recommended torque: 2.2 N.m (+/- 0.2 N.m)
Shape of signaling unit head	Round
Operator profile	White flush
Contacts type and composition	1 NO
Contact operation	Slow-break
Mechanical durability	1500000 Cycles
Connections - terminals	Screw clamp terminals, clamping capacity: 2 x 1.5 mm² Screw clamp terminals, clamping capacity: 1 x 2.5 mm² Screw clamp terminals, clamping capacity: 1 x 0.5 mm² Faston terminals, connection size: 6.3 mm
Tightening torque	0.8…1.2 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 60947-4-1
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60947-1
[Ie] rated operational current	0.27 A at 250 V, DC-13, Q600 3 A at 240 V, AC-15, A600
Electrical durability	500000 Cycles, DC-13, 0.2 A at 110 V, operating rate <60 cyc/mn, load factor: 0.5 conforming t 500000 Cycles, AC-15, 3 A at 230 V, operating rate <60 cyc/mn, load factor: 0.5 conforming to
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…26 V AC/DC
Current consumption	< 20 mA
Service life	20000 H
Width	30 Mm
Height	43 Mm
Depth	73.5 Mm
Net weight	0.042 Kg
Cap/operator or lens colour	White
Type of operator	Spring return
[Us] rated supply voltage	24 V

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	GB 14048.1 IEC 60947-1 GB 14048.5 IEC 60947-5-1
Product certifications	CCC[RETURN]CE[RETURN]UKCA
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 30 gn (duration = 18 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	7.35 Cm
Package 1 Width	3 Cm
Package 1 Length	4.3 Cm
Package 1 Weight	42 G
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3 Cm
Package 2 Width	12 Cm
Package 2 Length	60 Cm
Package 2 Weight	215 G
Unit Type of Package 3	S02
Number of Units in Package 3	70
Package 3 Height	15 Cm
Package 3 Width	30 Cm
Package 3 Length	40 Cm
Package 3 Weight	3.46 Kg

Offer Sustainability

Recyclability potential, in %	35
Total lifecycle Carbon footprint	21 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.3164659209675269
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.006166262372813353
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	20.400551849974704

REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	20 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.09980236974017768
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	21
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
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
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