Product data sheet
Characteristics

XB5AS84W3B5
Illuminated emergency stop, Harmony XB5, plastic, 22mm, trigger latching turn to release, white red LED, 24V AC DC, 1 NO + 1 NC



Main

Range of product	Harmony XB5
Product or component type	Emergency stop push-button Emergency switching off push-button
Device short name	XB5
Bezel material	Plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	22 Mm
Sale per indivisible quantity	1
Local signalling	Red LED / white LED 24 V AC/DC
Light source	Protected LED
[Us] rated supply voltage	24 V
Light source colour	White Red
Shape of signaling unit head	Round
Type of operator	Trigger action and mechanical latching
Reset	Turn to release
Operator profile	Red square 32 mm, IEC
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Screw-clamp terminals, <= 2 x 1.5 mm² with or without cable end conforming to IEC 60947-1 Screw-clamp terminals, >= 1 x 0.22 mm² with or without cable end conforming to IEC 60947-1
Device presentation	Complete product

Complementary

[Us] rated supply voltage	24 V AC/DC at 50/60 Hz
Height	60 Mm
Width	60 Mm
Depth	85 Mm
Terminals description ISO n°1	(1-2)NC (3-4)NO
Net weight	0.107 Kg
Electrical insulation class	Class II conforming to IEC 61140
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Device mounting	Fixing hole - diameter: 22.5 mm +/- 0.2 mm Fixing hole - diameter: 9 mm +/- 0.5 mm
Fixing mode	Fixing nut (+/- 0.2)

Contacts usage	Standard
Positive opening	With NC contact conforming to IEC 60947-5-1 appendix K
Operating travel	1.5 Mm (NC changing electrical state) 4.3 Mm (total travel)
Mechanical durability	300000 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
Resistance to electrostatic discharge	4 KV on contact (on metal parts) conforming to IEC 61000-4-2 8 KV in free air (in insulating parts) conforming to IEC 61000-4-2
[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, 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

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K conforming to ISO 20653 Type 13 conforming to UL 50E Type 12 conforming to UL 50E Type 4 conforming to UL 50E Type 4X conforming to UL 50E
IK degree of protection	IK05 conforming to IEC 50102
Standards	IEC 60947-5-1 IEC 60947-5-4 UL 508 ISO 21702 ISO 22196:2011 UL 60947-5-5 IEC 60947-5-5 NISD
Product certifications	UL listed[RETURN]CSA[RETURN]EAC[RETURN]CCC
Vibration resistance	5 gn (f= 10…500 Hz) conforming to IEC 60068-2-6 25 mm peak to peak (f= 2…10 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 25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 Cm
Package 1 Width	7.0 Cm
Package 1 Length	10.0 Cm

Package 1 Weight	115.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	40
Package 2 Height	30 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	5.067 Kg

Offer Sustainability

Recyclability potential, in %	21
Total lifecycle Carbon footprint	1 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.812282499208109
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.013168191637630661
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.035125384859043395
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.060358
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0.1 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]	0.17781189420335763
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	1
Average percentage of recycled plastic content	13 %
Average percentage of recycled metal content	22 %
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
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is k
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