Product data sheet

Specifications

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

XB5AS84W3B5

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 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
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 CSA EAC 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	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.067 kg

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

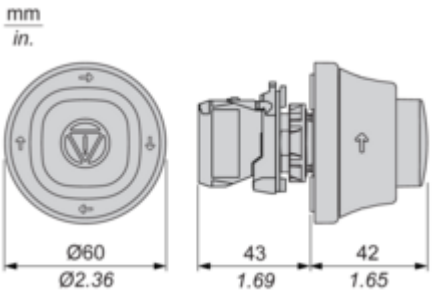
Use Again

Repack and remanufacture

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 and never end up in rubbish bins

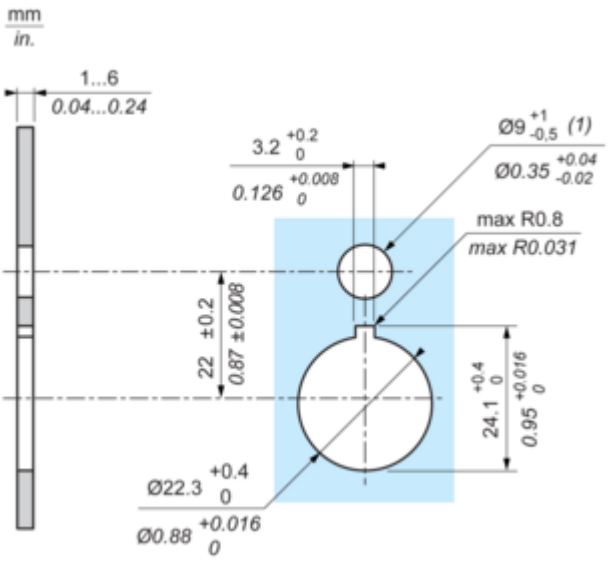
Dimensions Drawings

Dimensions



Mounting and Clearance

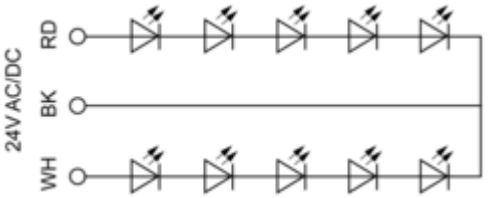
Mounting and Clearance



(1) : For IP X9 applications, the max recommendation dimension of hole is Ø9 mm/Ø0.35 in.

Connections and Schema

Wiring Diagram



RD : Red
BK : Black
WH : White

Technical Illustration

Dimensions

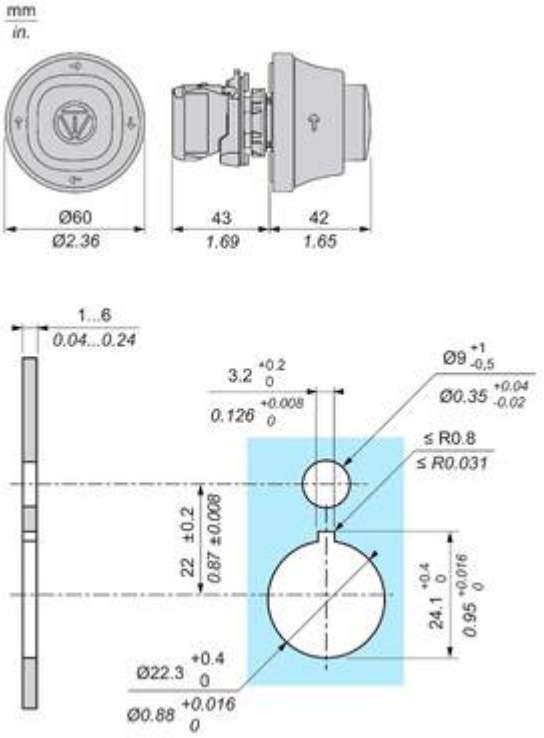


Image of product / Alternate images

Alternative


Schneider
Electric