Illuminated emergency stop head, Harmony XB5, plastic, red, 22mm, trigger latching turn to release, white red LED, 24V AC DC

ZB5AS84W3B

Main

Range of product	Harmony XB5
Product or component type	Head for illuminated emergency stop push-button
Device short name	ZB5
Bezel material	Plastic
Head type	Standard
Mounting diameter	22 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	trigger action and mechanical latching
Reset	Turn to release
Operator profile	Red square 32 mm
Device presentation	Basic element

Complementary

CAD overall width	60 mm
CAD overall height	60 mm
CAD overall depth	40 mm
Net weight	0.063 kg
Electrical insulation class	Class II conforming to IEC 61140
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
[Us] rated supply voltage	24 V AC/DC at 50...60 Hz
Supply voltage limits	19.2…30 V DC 21.6…26.4 V AC
Mechanical durability	300000 cycles
Electrical composition code	C7 for <4 contacts using single blocks in front mounting C8 for <4 contacts using single and double blocks in front mounting C11 for <3 contacts using single blocks in front mounting C15 for <1 contacts using single blocks in front mounting SF1 for <3 contacts using single blocks in front mounting SR1 for <3 contacts using single blocks in rear mounting C10 for <4 contacts using single and double blocks in front mounting
Light source colour	White or red
Product compatibility	ZB5
[Us] rated supply voltage	24 V

[Ui] rated insulation voltage	24 V (pollution degree 3) conforming to IEC 60947-1
Compatibility code	ZB5

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
NEMA degree of protection	NEMA 13 NEMA 4X
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
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
Product certifications	UL listed CSA EAC
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 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	7.5 cm
Package 1 Weight	85.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	60
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.47 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

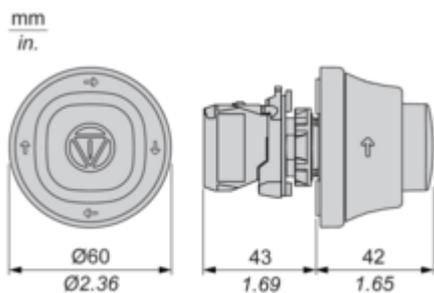|	
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**6b64d229-f954-4ab6-8e15-fee7e09c36cb**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Again

↻ Repack and remanufacture

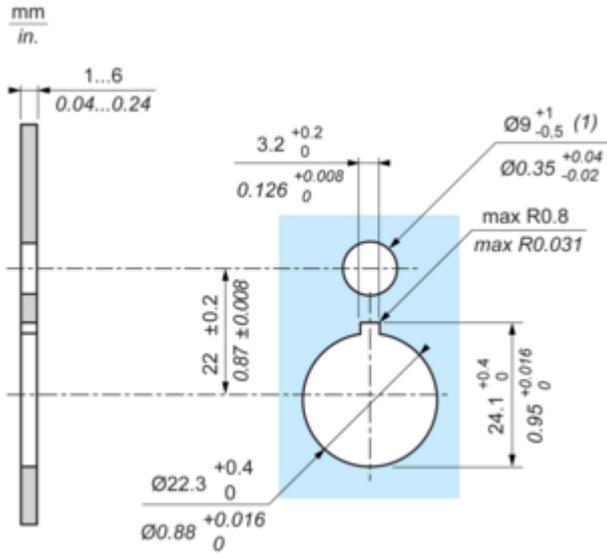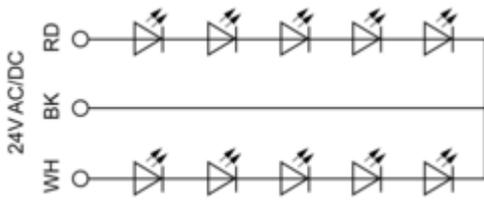|	
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	🗑 **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Dimensions Drawings

Dimensions

Mounting and Clearance

Mounting and Clearance

$\dfrac{mm}{in.}$

1...6
0.04...0.24

3.2 $^{+0.2}_{0}$
0.126 $^{+0.008}_{0}$

Ø9 $^{+1}_{-0.5}$ (1)
Ø0.35 $^{+0.04}_{-0.02}$

max R0.8
max R0.031

22 ±0.2
0.87 ±0.008

24.1 $^{+0.4}_{0}$
0.95 $^{+0.016}_{0}$

Ø22.3 $^{+0.4}_{0}$
Ø0.88 $^{+0.016}_{0}$

(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

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Image of product in real life situation