

# Product data sheet

Specifications



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

ZB5AS84W2B

**Product availability: Stock - Normally stocked in distribution facility**

## 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	0.9 in (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	2.4 in (60 mm)
CAD overall height	2.4 in (60 mm)
CAD overall depth	1.6 in (40 mm)
Product Weight	0.139 lb(US) (0.063 kg)
Electrical insulation class	Class II IEC 61140
Resistance to electrostatic discharge	4 kV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2
[Us] rated supply voltage	24 V AC/DC 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 4 single front mounting C8 4 single and double front mounting C11 3 single front mounting C15 1 single front mounting SF1 3 single front mounting SR1 3 single rear mounting C10 4 single and double front mounting
Light source colour	Red
Product Compatibility	ZB5

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

[Us] rated supply voltage	24 V
[Ui] rated insulation voltage	24 V 3)IEC 60947-1
Compatibility code	ZB5

## Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP69 IEC 60529 IP69K ISO 20653 Type 13 UL 50E Type 12 UL 50E Type 4 UL 50E Type 4X UL 50E
NEMA degree of protection	NEMA 13 NEMA 4X
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 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 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27

## Ordering and shipping details

Category	US10CS222467
Discount Schedule	0CS2
GTIN	3606489744946
Returnability	Yes
Country of origin	CZ

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.95 in (7.500 cm)
Package 1 Width	2.76 in (7.000 cm)
Package 1 Length	2.76 in (7.000 cm)
Package weight(Lbs)	2.928 oz (83.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	60

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Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	12.046 lb(US) (5.464 kg)

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## Contractual warranty

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Warranty	18 months
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## 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

Carbon footprint (kg CO2 eq, Total Life cycle)

1

## 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

Take-back

No

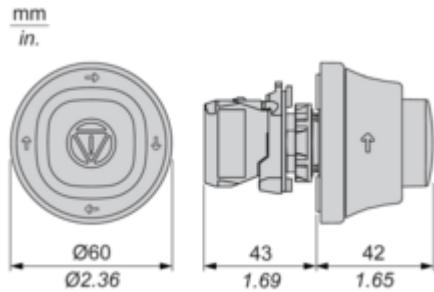
WEEE Label

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

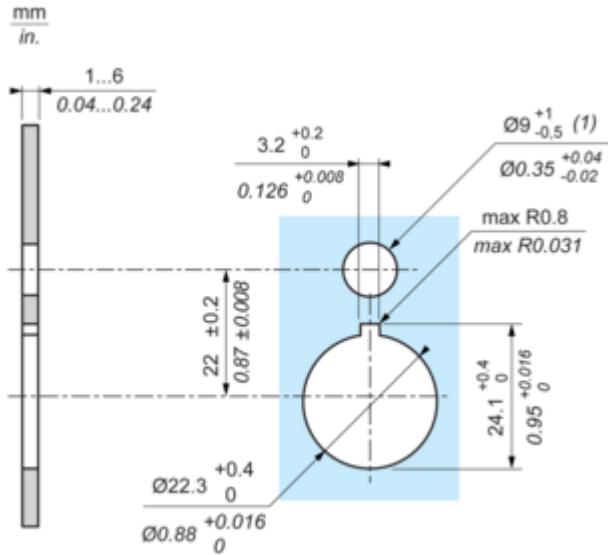
Dimensions Drawings

Dimensions

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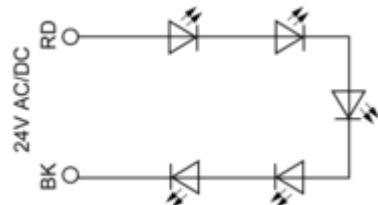
## Mounting and Clearance

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

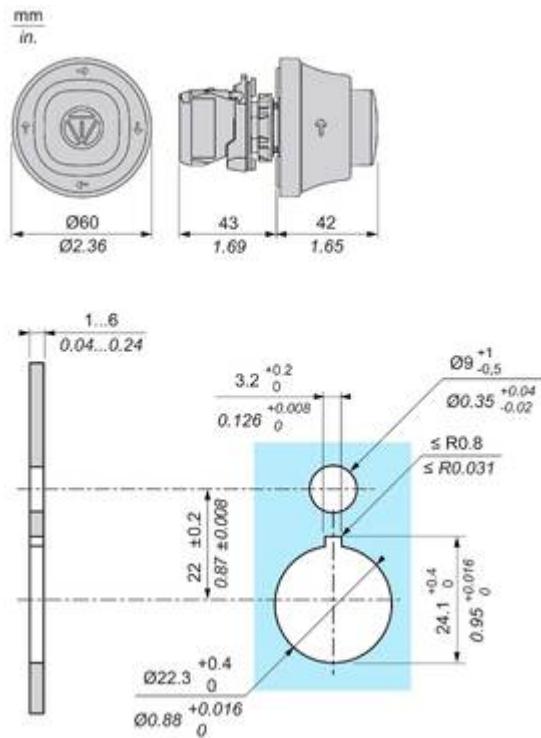


**RD** : Red

**BK** : Black

## Technical Illustration

## Dimensions



## Offer Marketing Illustration

## Product benefits / Features

## Technical Benefits

### Harmony XB5 e-stop function

Fit to several customer functions needs: turn to release, push to release, key release



Guarantee of proper installation thanks to NC contact with monitoring function.

Designed as per international standards for high performance.

Fit for all machine sizes and environments:

- Small machines > 30 mm
- Standard machines > 40 mm
- Use of gloves > 60 mm

## Offer Marketing Illustration

## Product benefits / Features

## Features

### Harmony XB5 e-stop function



Wide modular range to suit machines and operator safety.

Ergonomic design for emergency actuation in several environments

Designed to fit in a standard 22mm cut-out or Harmony XALK control station ensuring compatibility with pre-existing machinery

Large set of accessories: circular legends, illuminated legend rings, protective bellows for harsh environments and protective guards.

Illuminated types to improve operator efficiency by reducing production downtime.

Image of product / Alternate images

Alternative

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Image of product in real life situation

