

# Product data sheet

Specifications



Illuminated emergency stop head,  
Harmony XB5, plastic, red, 22mm,  
trigger latching turn to release, red  
LED, 110...120V AC

ZB5AS84W2G

**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<br>8 kV in free air (in insulating parts) IEC 61000-4-2                                                                                                                                   |
| [Us] rated supply voltage             | 110...120 V AC 50...60 Hz                                                                                                                                                                                                                |
| Supply voltage limits                 | 100...132 V AC                                                                                                                                                                                                                           |
| Mechanical durability                 | 300000 cycles                                                                                                                                                                                                                            |
| Electrical composition code           | C7 4 single front mounting<br>C8 4 single and double front mounting<br>C11 3 single front mounting<br>C15 1 single front mounting<br>SF1 3 single front mounting<br>SR1 3 single rear mounting<br>C10 4 single and double front mounting |
| Light source colour                   | Red                                                                                                                                                                                                                                      |
| Product Compatibility                 | ZB5                                                                                                                                                                                                                                      |
| [Us] rated supply voltage             | 120 V                                                                                                                                                                                                                                    |

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                               |                     |
|-------------------------------|---------------------|
| [Ui] rated insulation voltage | 120 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<br>IP67 IEC 60529<br>IP69 IEC 60529<br>IP69K ISO 20653<br>Type 13 UL 50E<br>Type 12 UL 50E<br>Type 4 UL 50E<br>Type 4X UL 50E                              |
| Enclosure Type                        | UL type 4X/13                                                                                                                                                             |
| 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<br>IEC 60947-5-4<br>UL 508<br>ISO 21702<br>ISO 22196:2011                                                                                                   |
| Product Certifications                | UL Listed<br>CSA<br>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<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27<br>25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27 |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222467  |
| Discount Schedule | 0CS2          |
| GTIN              | 3606489744953 |
| Returnability     | Yes           |
| Country of origin | CZ            |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Nbr. of units in pkg.        | 1                 |
| Package 1 Height             | 3.0 in (7.5 cm)   |
| Package 1 Width              | 2.8 in (7.0 cm)   |
| Package 1 Length             | 2.8 in (7.0 cm)   |
| Package weight(Lbs)          | 3.0 oz (84.0 g)   |
| Unit Type of Package 2       | S03               |
| Number of Units in Package 2 | 60                |
| Package 2 Height             | 11.8 in (30.0 cm) |

|                  |                          |
|------------------|--------------------------|
| Package 2 Width  | 11.8 in (30.0 cm)        |
| Package 2 Length | 15.7 in (40.0 cm)        |
| Package 2 Weight | 12.130 lb(US) (5.502 kg) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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                       | 0.8 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.6 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.   |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.   |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0 kg CO2 eq.   |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq. |

## Use Better



### Materials and Substances

|                                                |                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Average percentage of recycled plastic content | 7 %                                                                                                                                                                                                                                                                                                |
| Average percentage of recycled metal content   | 60 %                                                                                                                                                                                                                                                                                               |
| Packaging made with recycled cardboard         | Yes                                                                                                                                                                                                                                                                                                |
| Packaging without single use plastic           | Yes                                                                                                                                                                                                                                                                                                |
| SCIP Number                                    | 6b64d229-f954-4ab6-8e15-fee7e09c36cb                                                                                                                                                                                                                                                               |
| EU RoHS Directive                              | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                             |
| REACH Regulation                               | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                             |
| California proposition 65                      | <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again

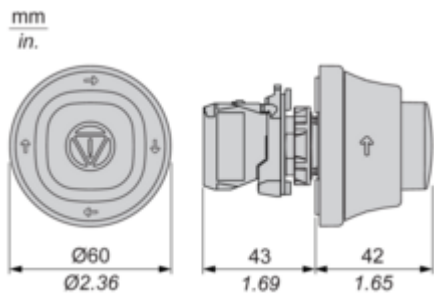


### Repack and remanufacture

|                     |                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| 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. |

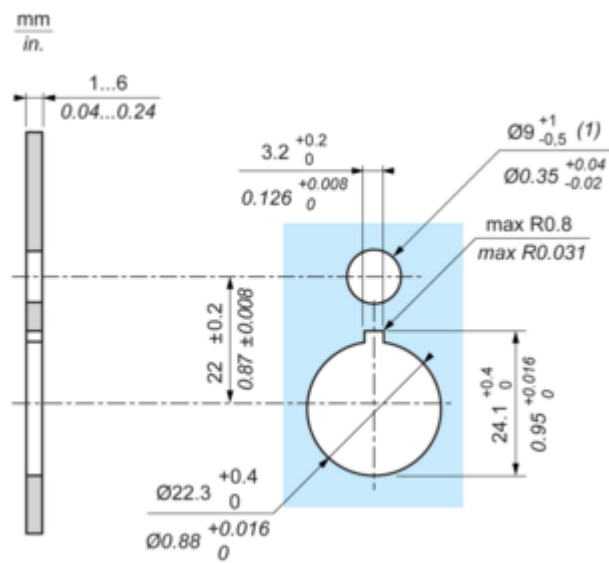
Dimensions Drawings

Dimensions



Mounting and Clearance

Mounting and Clearance

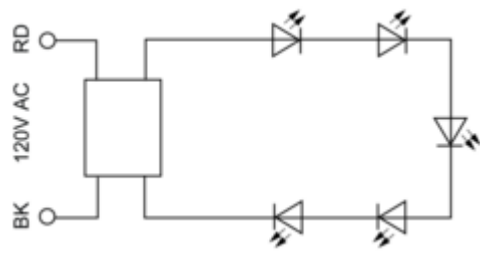


(1) : For IP X9 applications, the max recommendation dimension of hole is Ø9 mm/Ø0.35 in.

Connections and Schema

Wiring Diagram

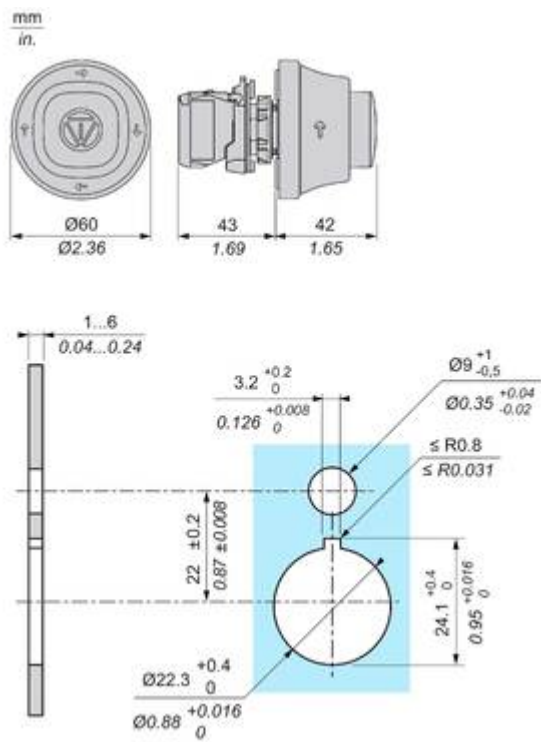
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RD : Red  
BK : Black

Technical Illustration

Dimensions





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.

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5 e-stop function

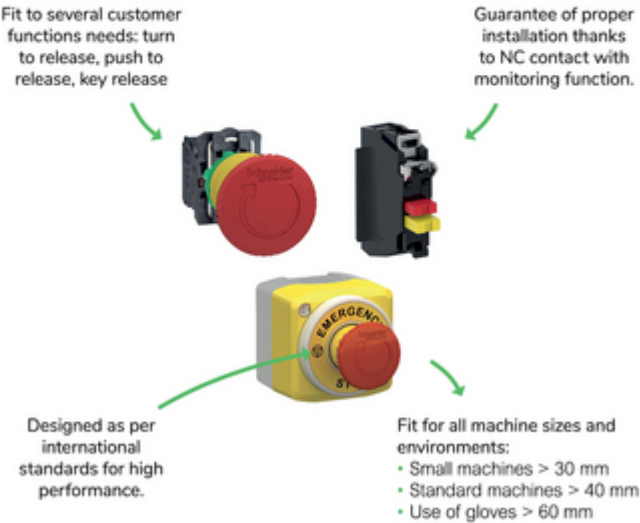


Image of product / Alternate images

Alternative

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