

Product data sheet

Specifications



Emergency stop head, Harmony XB4, switching off, metal, red mushroom 40mm, 22mm, trigger latching turn to release, marked EMO

ZB4BS84430

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB4
Product or Component Type	Head for emergency switching off push-button
Device short name	ZB4
Bezel material	Chromium plated metal
Mounting diameter	0.9 in (22.5 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 mushroom Ø 40 mm, EMO
Head type	Standard

Complementary

CAD overall width	1.6 in (40 mm)
CAD overall height	1.6 in (40 mm)
CAD overall depth	2.2 in (57 mm)
Product Weight	0.161 lb(US) (0.073 kg)
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 C10 4 single and double front mounting
Device presentation	Basic element

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)
Electrical shock protection class	Class I conforming to IEC 61140

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

IP degree of protection	IP66 IEC 60529 IP69 IP69K
Enclosure Type	UL type 4X/13
IK degree of protection	IK06 conforming to IEC 50102
Standards	JIS C8201-5-1 CSA C22.2 No 14 IEC 60947-5-1 GB 14048.5 UL 508 IEC 60947-1 IEC 60364-5-53 IEC 60947-5-4 IEC 60204-1 IEC 60947-5-5 ISO 13850 JIS C8201-1
Product Certifications	DNV UL Listed LROS (Lloyds register of shipping) BV CSA
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

Ordering and shipping details

Category	US10CS222468
Discount Schedule	0CS2
GTIN	3606480502842
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.732 in (4.400 cm)
Package 1 Width	2.047 in (5.200 cm)
Package 1 Length	3.386 in (8.600 cm)
Package weight(Lbs)	2.646 oz (75.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	42
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	7.661 lb(US) (3.475 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	672
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)

Package 3 Length	31.496 in (80.000 cm)
Package 3 Weight	150.347 lb(US) (68.196 kg)

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	0.8 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 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 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Average percentage of recycled plastic content	12 %
Average percentage of recycled metal content	23 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: 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 Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No

Offer Marketing Illustration

Product benefits / Features

Features

Harmony XB4 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 XAPK 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.



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4 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.



Fit for all machine sizes and environments:

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

Designed as per international standards for high performance.

Image of product / Alternate images

Alternative





