

Product datasheet

Specifications



Head for illuminated push button, Harmony XB4, black metal, white flush, 30mm, spring return, universal LED, unmarked

Local distributor code:

407816143

ZB4FW313

Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks
EAN Code: 3606489582654

Main

Range of product	Harmony XB4
Product or component type	Head for illuminated push-button
Device short name	ZB4F
Product compatibility	Universal LED
Bezel material	Chromium plated metal
Head type	Built-in-flush
Mounting diameter	30.5 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	spring return
Operator profile	White flush, unmarked
Operator additional information	With plain lens
Cap/operator or lens colour	White

Complementary

CAD overall width	36.6 mm
CAD overall height	36.6 mm
CAD overall depth	31 mm
Net weight	0.06 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Mechanical durability	10000000 cycles
Electrical composition code	M1 for <6 contacts using single blocks in front mounting with integral LED M2 for <6 contacts using single and double blocks in front mounting with integral LED M6 for <2 contacts using single blocks in front mounting with integral LED and transformer M10 for <2 contacts using single blocks in front mounting with integral LED
Device presentation	Basic element

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C

Ambient air temperature for operation	-40...70 °C
Overvoltage category	Class I conforming to IEC 60536
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 50 E Type 12 conforming to UL 50 E Type 4 conforming to UL 50 E Type 4X conforming to UL 50 E
IK degree of protection	IK06 conforming to IEC 62262
Standards	CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-4 UL 508 IEC 60947-1 JIS C8201-5-1 CE JIS C8201-1
Product certifications	UL listed CSA CCC EAC
Vibration resistance	5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 2 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	5.5 cm
Package 1 Width	4.4 cm
Package 1 Length	5.2 cm
Package 1 Weight	59 g
Unit Type of Package 2	S02
Number of Units in Package 2	80
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.04 kg

Logistical informations

Country of origin	FR
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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 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)

REACH Regulation [REACH Declaration](#)

Use Again

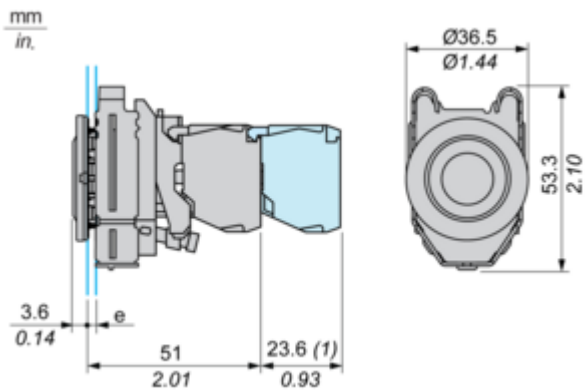
Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

Dimensions Drawings

Dimensions



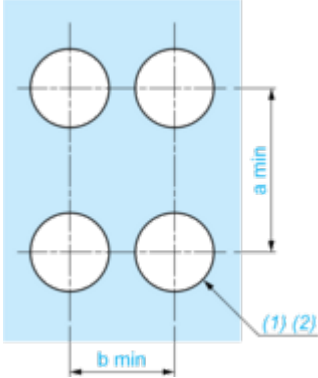
e : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

(1) : Additional row of contacts

Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors



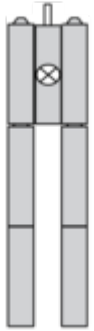
(1) : Diameter on finished panel or support

(2) : $\varnothing 30.75$ mm recommended ($\varnothing 30.5_0^{+0.5}$) / $\varnothing 1.21$ in. recommended ($\varnothing 1.20$ in. $_0^{+0.0196}$)

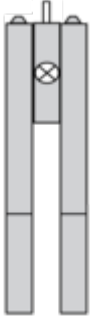
Connections	a in mm	a in in.	b in mm	b in in.
By connectors	50	1.97	40	1.57
By connectors and with legend holder ZBZF32	50	1.97	40	1.57
By connectors and with legend holder ZBZF33	60	2.36	40	1.57

Technical Description

Electrical Composition Corresponding to Codes M1 and M7



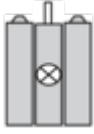
Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2



Legend

Single contact



Double contact



Light block

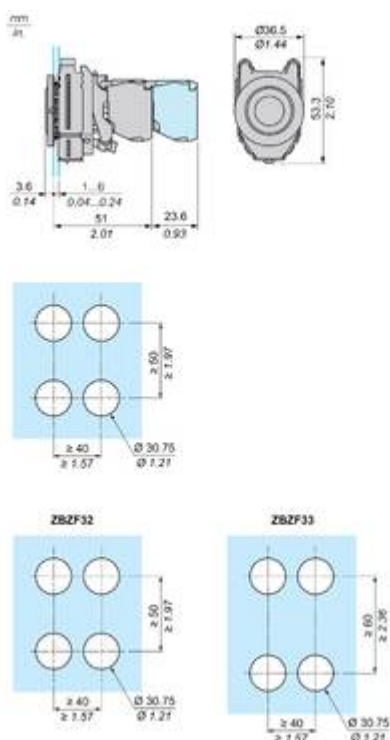


Possible location



Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

The infographic features a central image of three electrical components: a red pushbutton, a green illuminated pushbutton, and a black selector switch. Surrounding this central image are five circular icons, each with a corresponding text block describing a feature. The background is a solid green color.

Features

Harmony XB4/XB5 Flush mounting solution

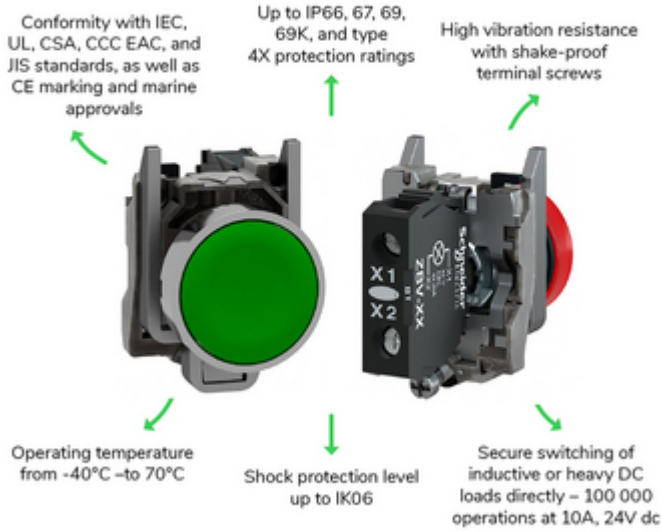
- Innovative and attractive design**
improving the look and feel of control panels and machines
- Robustness to withstand harsh environments**
- Quick and easy installation**
into a standard 30mm hole
- Available for pushbuttons, illuminated pushbuttons, pilot lights and selector switches**
- Easier to clean with towels**
than standard offers

Offer Marketing Illustration

Product benefits / Features

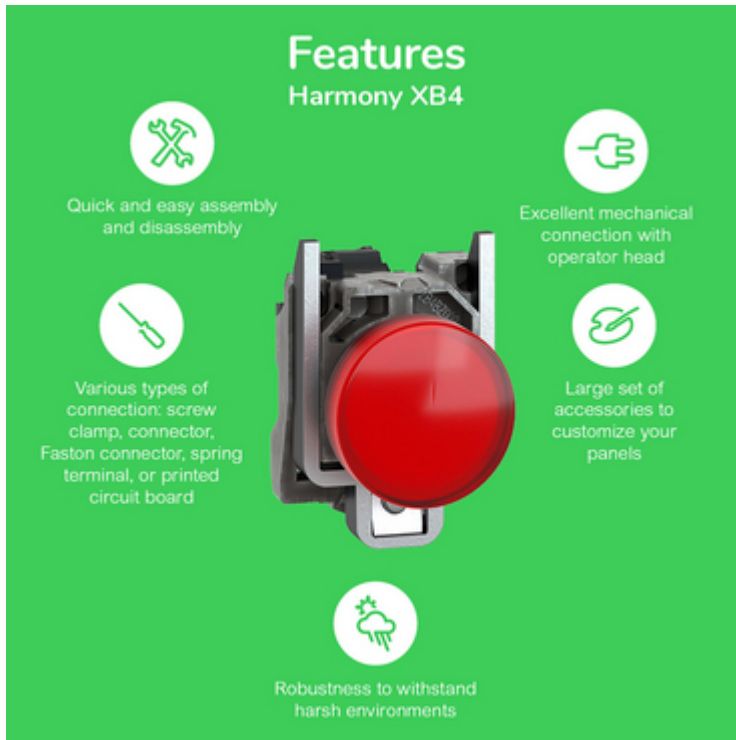
Technical Benefits

Harmony XB4



Offer Marketing Illustration

Product benefits / Features



The infographic features a central image of a red Schneider XB4 circuit breaker. Surrounding this central image are five circular icons, each with a corresponding text description of a product feature. The background is a solid green color.

Features Harmony XB4

- Quick and easy assembly and disassembly** (Icon: crossed wrench and screwdriver)
- Excellent mechanical connection with operator head** (Icon: hand holding a plug)
- Large set of accessories to customize your panels** (Icon: plug with a slash through it)
- Robustness to withstand harsh environments** (Icon: lightning bolt and rain cloud)
- Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board** (Icon: screwdriver)

Image of product / Alternate images

Alternative

