

Product data sheet

Specifications



Head for pilot light, Harmony XB4, flush mounted, green, 30mm, with plain lens, universal LED

ZB4FV033

Product availability: Stock - Normally stocked in distribution facility
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

Main

Range of Product	Harmony XB4
Product or Component Type	Head for pilot light
Product Compatibility	Universal LED
Device short name	ZB4F
Bezel material	Chromium plated metal
Mounting diameter	1.2 in (30.5 mm)
Sale per indivisible quantity	1
Head type	Built-in-flush
Shape of signaling unit head	Round
Cap/operator or lens colour	Green
Operator additional information	With plain lens

Complementary

CAD overall width	1.4 in (36.6 mm)
CAD overall height	1.4 in (36.6 mm)
CAD overall depth	1.2 in (31 mm)
Product Weight	0.128 lb(US) (0.058 kg)
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Electrical composition code	P1 front mounting integral LED P2 front mounting integral LED and transformer
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)
Overvoltage category	Class I conforming to IEC 60536

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 IP67 IEC 60529 IP69 IEC 60529 IP69K ISO 20653 Type 13 UL 50 E Type 12 UL 50 E Type 4 UL 50 E Type 4X UL 50 E
IK degree of protection	IK06 conforming to IEC 50102
Standards	IEC 60947-5-4 IEC 60947-5-1 UL 508 CSA C22.2 No 14 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 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	US10CS222468
Discount Schedule	0CS2
GTIN	3606489582548
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.7 in (4.4 cm)
Package 1 Width	2.05 in (5.2 cm)
Package 1 Length	2.2 in (5.5 cm)
Package weight(Lbs)	2.05 oz (58 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	1.7 in (4.4 cm)
Package 2 Width	2.2 in (5.5 cm)
Package 2 Length	10.4 in (26.5 cm)
Package 2 Weight	10.5 oz (297 g)
Unit Type of Package 3	S02
Number of Units in Package 3	80
Package 3 Height	5.9 in (15 cm)
Package 3 Width	11.8 in (30 cm)

Package 3 Length	15.7 in (40 cm)
Package 3 Weight	11.122 lb(US) (5.045 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	0.5 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.4 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	44 %
Average percentage of recycled metal content	20 %
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

Use Longer



Lifetime extension

Repair	No
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Use Again

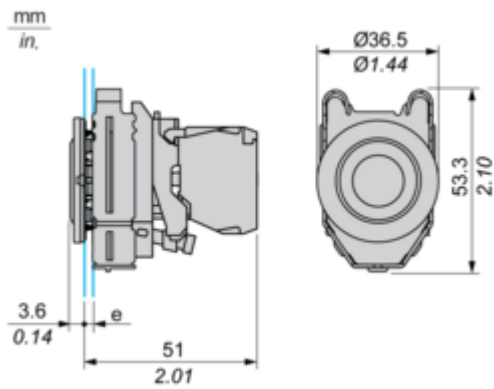


Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No

Dimensions Drawings

Dimensions



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

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) : Ø30.75 mm recommended ($\text{Ø}30.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$) / Ø1.21 in. recommended ($\text{Ø}1.20 \text{ in.} \begin{smallmatrix} +0.0196 \\ 0 \end{smallmatrix}$)

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 P1, P3, PF1, PR1 and PF2

Light block



Electrical Composition Corresponding to Codes M6 and P2



Legend

Single contact



Double contact



Light block

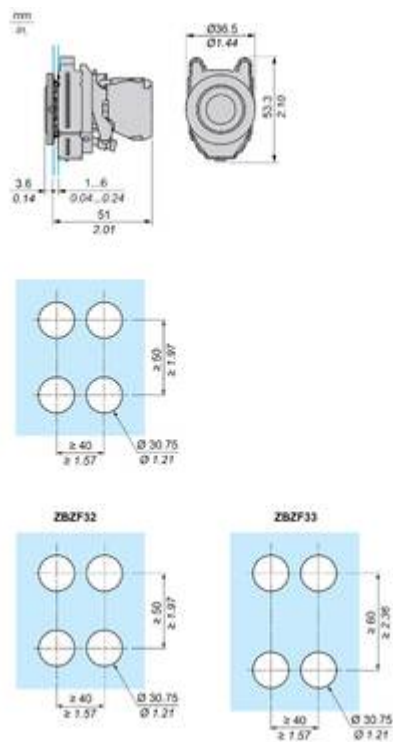


Possible location



Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Features

Harmony XB4/XB5
Flush mounting solution



Innovative and attractive design improving the look and feel of control panels and machines



Quick and easy installation into a standard 30mm hole



Easier to clean with towels than standard offers



Available for pushbuttons, illuminated pushbuttons, pilot lights and selector switches



Robustness to withstand harsh environments



Offer Marketing Illustration

Product benefits / Features

Features

Harmony XB4



Quick and easy assembly and disassembly



Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board



Excellent mechanical connection with operator head



Large set of accessories to customize your panels



Robustness to withstand harsh environments



Offer Marketing Illustration

Product benefits / Features

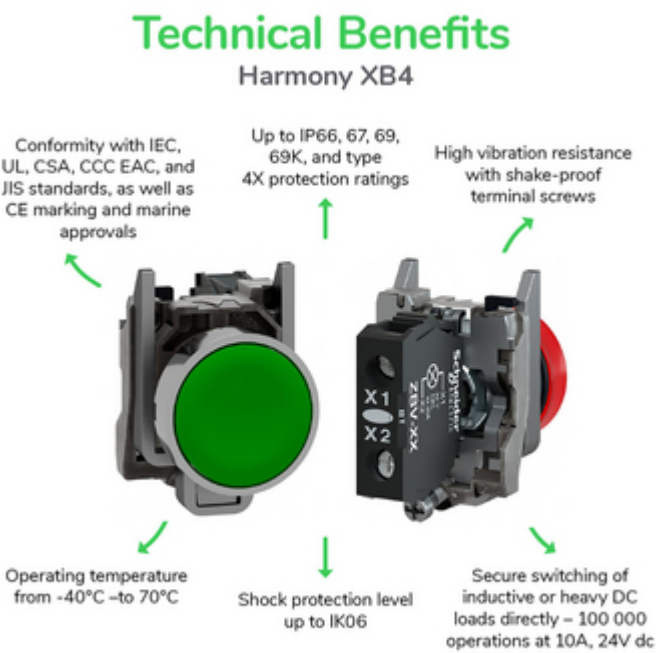


Image of product / Alternate images

Alternative

