

Product data sheet

Specifications



Flush mounted push button head, Harmony XB4, metal, black, 30mm, spring return, marked DOWN ARROW

ZB4FA335

Main

Range of product Harmony XB4

Product or component type Head for non-illuminated push-button

Device short name ZB4F

Bezel material Chromium plated metal

Mounting diameter 30.5 mm

Sale per indivisible quantity 1

Head type Built-in-flush

Shape of signaling unit head Round

Type of operator spring return

Operator profile Black flush, down arrow (white)

Complementary

CAD overall width 36.6 mm

CAD overall height 36.6 mm

CAD overall depth 31 mm

Mechanical durability 10000000 cycles

Electrical composition code
C1 for <9 contacts using single blocks in front mounting
C2 for <9 contacts using single and double blocks in front mounting
C11 for <3 contacts using single blocks in front mounting
C15 for <1 contacts using single blocks in front mounting

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 50E
Type 12 conforming to UL 50E

Type 4 conforming to UL 50E
Type 4X conforming to UL 50E

IK degree of protection	IK06 conforming to IEC 50102
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-4 UL 508 EN/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 25 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	4.5 cm
Package 1 Width	5.5 cm
Package 1 Length	5.8 cm
Package 1 Weight	59 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	4.3 cm
Package 2 Width	5.5 cm
Package 2 Length	26.5 cm
Package 2 Weight	295 g
Unit Type of Package 3	S02
Number of Units in Package 3	40
Package 3 Height	15 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	2.815 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile

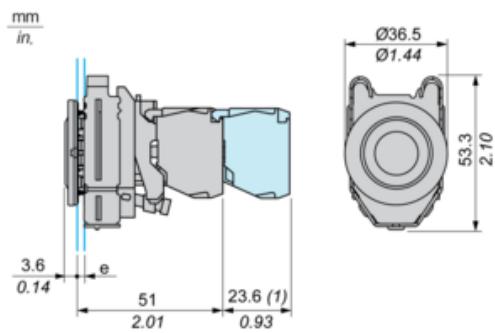
Circularity Profile**End of Life Information****California proposition 65**

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

Contractual warranty**Warranty**

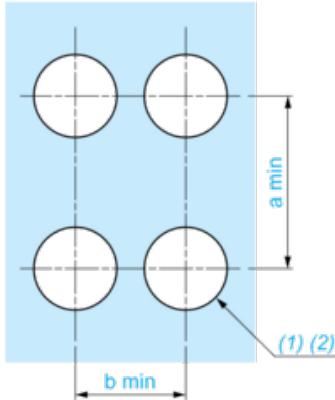
18 months

Dimensions



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

(1) : Additional row of contacts

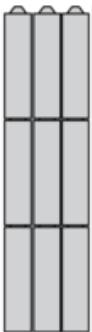
Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)**Connection by Screw Clamp Terminals or Plug-in Connectors**

(1) : Diameter on finished panel or support

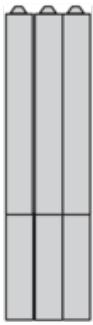
(2) : Ø30.75 mm recommended ($\text{Ø}30.5 \text{ mm}^{+0.5}$) / Ø1.21 in. recommended ($\text{Ø}1.20 \text{ in.}^{+0.0196}$)

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

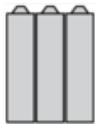
Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2

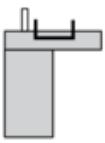


Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

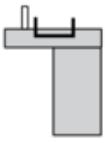


Electrical Composition Corresponding to Code C15

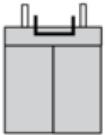
1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



Legend

Single contact



Double contact



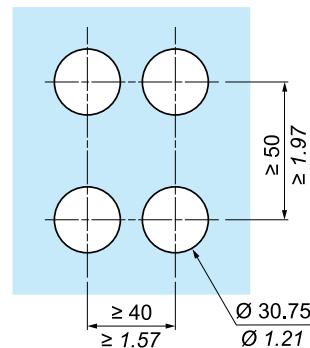
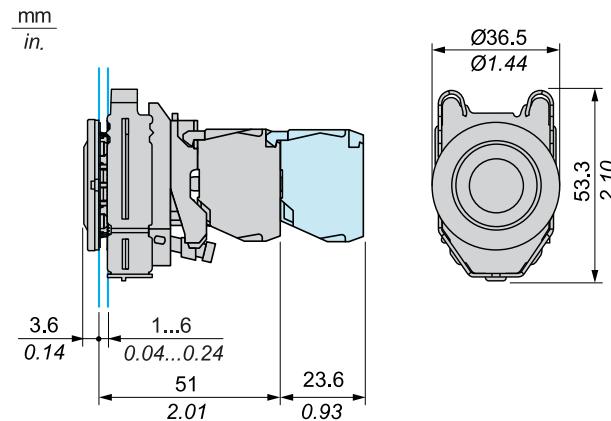
Light block



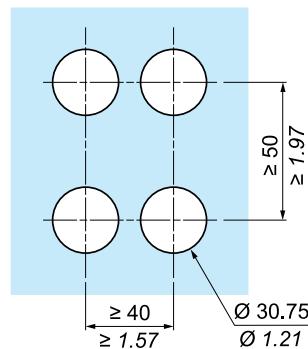
Possible location



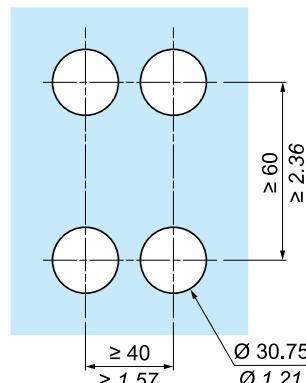
Dimensions



ZBZF32



ZBZF33



Recommended replacement(s)