

# Product data sheet

## Characteristics

# ZB4FL235

Head for illuminated push button, Harmony XB4, metal, black flush, 30mm, spring return, white marked OFF



### 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	1.20 in (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 projecting, OFF white)

### Complementary

CAD overall width	1.44 in (36.6 mm)
CAD overall height	1.44 in (36.6 mm)
CAD overall depth	1.30 in (33 mm)
Mechanical durability	10000000 cycles
Electrical composition code	C1 9 single front mounting C2 9 single and double front mounting C11 3 single front mounting C15 1 single 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)
Overvoltage category	Class I IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP69 IEC 60529 IP69K ISO 20653 Type 13 UL 50E Type 12 UL 50E Type 4 UL 50E Type 4X UL 50E
IK degree of protection	IK06 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Vibration resistance	5 gn 10...500 Hz)IEC 60068-2-6 25 mm peak to peak 2...10 Hz)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	22468-PUSHBUTTONS,22MM(METAL) NEW
Discount Schedule	CS2
GTIN	3606489582432
Returnability	Yes

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.10 in (5.334 cm)
Package 1 Width	1.80 in (4.572 cm)
Package 1 Length	2.30 in (5.842 cm)
Package 1 Weight	2.08 oz (58.968 g)

### Offer Sustainability

Sustainable offer status	Green Premium product
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>

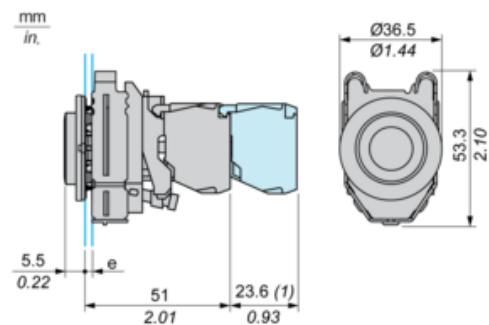
### Contractual warranty

Warranty	18 months
----------	-----------

---

Dimensions

---



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

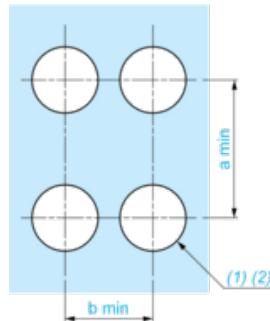
(1) : Additional row of contacts

---

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 (Ø30.5  $^{+0.5}_0$ ) / Ø1.21 in. recommended (Ø1.20 in.  $^{+0.0196}_0$ )

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

