

# Product data sheet

Specifications



## Head for selector switch, Harmony XB4, flush mounted black long handle 2 position stay put

ZB4FJ2

**Product availability : Non-Stock - Not normally stocked in distribution facility**

**Price\* : 24.30 USD**

### Main

Range of product	Harmony XB4
Product or Component Type	Head for selector switch
Device short name	ZB4F
Bezel material	Chromium plated metal
Mounting diameter	1.20 in (30.5 mm)
Head type	Built-in-flush
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	stay put
Operator profile	Black long handle
Operator position information	2 positions 90°

### Complementary

CAD overall width	1.44 in (36.6 mm)
CAD overall height	1.69 in (43 mm)
CAD overall depth	1.85 in (47 mm)
Product Weight	0.17 lb(US) (0.078 kg)
Resistance to high pressure washer	1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Mechanical durability	1000000 cycles
Electrical composition code	C3 6 single front mounting C4 6 single and double front mounting C5 5 single front mounting C6 5 single and double front mounting C7 4 single front mounting C8 4 single and double front mounting C11 3 single front mounting C15 1 single front mounting
Device presentation	Basic element

### Environment

Protective treatment	TH
----------------------	----

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient Air Temperature for Operation</b>	-40...158 °F (-40...70 °C)
<b>Overvoltage category</b>	Class I IEC 60536
<b>IP degree of protection</b>	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
<b>IK degree of protection</b>	IK06 IEC 50102
<b>Standards</b>	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
<b>Product Certifications</b>	UL Listed CSA CCC EAC
<b>Vibration resistance</b>	5 gn 10...500 Hz)IEC 60068-2-6 2 mm peak to peak 2...10 Hz)IEC 60068-2-6
<b>Shock resistance</b>	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

<b>Category</b>	22468 - PUSHBUTTONS,22MM(METAL) NEW
<b>Discount Schedule</b>	CS2
<b>GTIN</b>	3606489581794
<b>Nbr. of units in pkg.</b>	1
<b>Package weight(Lbs)</b>	2.54 oz (72 g)
<b>Returnability</b>	Yes

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Package 1 Height</b>	1.73 in (4.4 cm)
<b>Package 1 width</b>	2.05 in (5.2 cm)
<b>Package 1 Length</b>	2.17 in (5.5 cm)

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>California proposition 65</b>	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>
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes

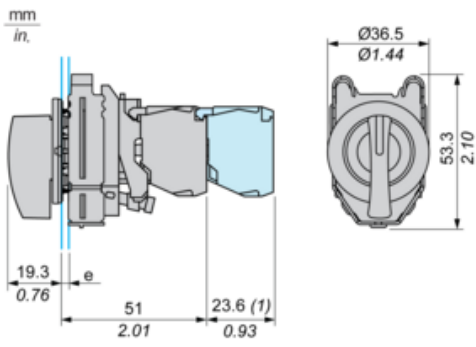
---

<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>

---

Dimensions

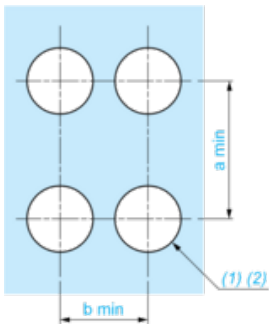
---



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

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

**Electrical Composition Corresponding to Code C3**

---



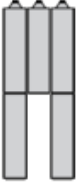
**Electrical Composition Corresponding to Code C4**

---



**Electrical Composition Corresponding to Code C5**

---



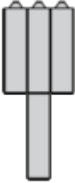
**Electrical Composition Corresponding to Code C6**

---



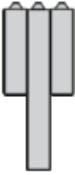
**Electrical Composition Corresponding to Code C7**

---



**Electrical Composition Corresponding to Code C8**

---



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

---



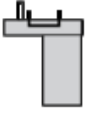
**Electrical Composition Corresponding to Code C15**

---

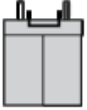
1 N/O



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



**Sequence of Contacts Fitted to 2-position Selector Switch Body**

**Position 315°**



<b>Push</b>	Position	Top			
		Bottom			
	Location		Left	Centre	Right
	State		0	0	0
<b>Contacts</b>	N/O		open	open	open
	N/C		closed	closed	closed

**Position 45°**



<b>Push</b>	Position	Top			
		Bottom			
	Location		Left	Centre	Right
	State		1	1	1
<b>Contacts</b>	N/O		closed	closed	closed
	N/C		open	open	open