Specification





## pushbutton head for harsh environment - black - without marking

Local distributor code: 398130527

ZB4BC280

EAN Code: 3606480444111

#### Main

Range of product	Harmony XB4	
Product or component type	Head for push-button	
Device short name	ZB4	
Bezel material	Chromium plated metal	
Head type	Standard	
Mounting diameter	22.5 mm	
Sale per indivisible quantity	1	
Cap/operator or lens colour	Black	

## Complementary

CAD overall width	37 mm	
CAD overall height	18.5 mm	
CAD overall depth	37 mm	
Product weight	0.036 kg	
Electrical shock protection class	Class I conforming to IEC 61140	
Shape of signaling unit head	Round	
Type of operator	spring return	
Operator profile	Black flush, unmarked	
Operator additional information	Horizontal mounting Vertical mounting	
Mechanical durability	10000000 cycles	
Vibration resistance	5 gn (f= 2500 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	
Main group	Harsh environment	
Group of product	Flush unmarked	
Marking	Unmarked	
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**



Ambient air temperature for storage	-4085 °C	
Ambient air temperature for operation	r -4070 °C	
IP degree of protection	IP66 conforming to IEC 60529 IP69K IP67 IP69	
NEMA degree of protection	NEMA 4 conforming to UL 508 NEMA 13 NEMA 12	
Resistance to high pressure washer	90 Pa at 82.5 °C	
IK degree of protection	IK06 conforming to IEC 62262	
Standards	CSA C22.2 UL 508 IEC 60947-5-1 IEC 60947-1	
product certifications	CE UL CSA	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.000 cm
Package 1 Width	6.000 cm
Package 1 Length	8.000 cm
Package 1 Weight	34.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	100
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.662 kg

## **Contractual warranty**

Warranty 18 months



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

#### Well-being performance

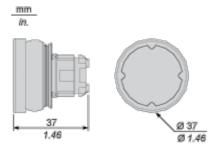
<b>Ø</b>	Reach Free Of Svhc	
<b>Ø</b>	Toxic Heavy Metal Free	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

## **Dimensions Drawings**

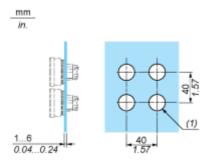
#### **Dimensions**



#### Mounting and Clearance

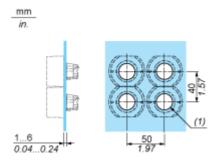
#### Installation on Flat Surface

#### Without Protective Guard



(1) Ø22.5 mm recommended (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88  $_0^{+0.016}$ )

#### With Protective Guard



(1) Ø22.5 mm recommended (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88  $_0^{+0.016}$ )

## **ZB4BC280**

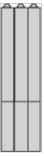
**Technical Description** 

**Electrical Composition Corresponding to Code C1** 



## **ZB4BC280**

**Electrical Composition Corresponding to Code C2** 



### **ZB4BC280**

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



#### **Electrical Composition Corresponding to Code C15**





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

