# Product data sheet

Specifications





# pushbutton head for harsh environment - black - with marking

ZB4BC28012

- ! Discontinued on: Dec 2, 2020
- ! End-of-service on: Dec 31, 2020

(!) Discontinued

### 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	0.87 in (22 mm)	
Sale Per Indivisible Quantity	1	

### Complementary

Cad Overall Width	1.46 in (37 mm)	
Cad Overall Height	0.73 in (18.5 mm)	
Cad Overall Depth	1.46 in (37 mm)	
Net Weight	0.08 lb(US) (0.036 kg)	
Electrical Shock Protection Class	Class I IEC 61140	
Shape Of Signaling Unit Head	Round	
Type Of Operator	spring return	
Operator Profile	Black flush, type H012 white)	
Operator Additional Information	Vertical mounting	
Mechanical Durability	10000000 cycles	
Vibration Resistance	5 gn 2500 Hz)IEC 60068-2-6	
Shock Resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27	
Main Group	Harsh environment	
Group Of Product	Flush marked type H012	
Cap/Operator Or Lens Colour	Black	
Marking	Type H012	
Colour Of Marking	White	
Electrical Composition Code	C1 9 single front mounting C2 9 single and double front mounting C11 3 single front mounting	

### **Environment**

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

C15 1 single front mounting

Ambient Air Temperature For Storage	-40185 °F (-4085 °C)	
Ambient Air Temperature For Operation	-40158 °F (-4070 °C)	
Ip Degree Of Protection	IP66 IEC 60529 IP69K IP67 IP69	
Nema Degree Of Protection	NEMA 4 UL 508 NEMA 13 NEMA 12	
Resistance To High Pressure Washer	0.01 psi (90 Pa) 180 °F (82.5 °C)	
Ik Degree Of Protection	IK06 conforming to IEC 62262	
Standards	IEC 60947-5-1 IEC 60947-1 CSA C22.2 UL 508	
Product Certifications	CE CSA UL	

# Ordering and shipping details

Category	22468-PUSHBUTTONS,22MM(METAL) NEW	
Discount Schedule	CS2	
Gtin	3606480444166	
Returnability	No	
Country Of Origin	FR	

## **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

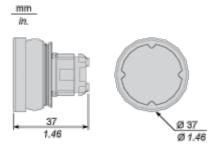
<b>Ø</b>	Reach Free Of Svhc	
<b>⊘</b>	Toxic Heavy Metal Free	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

### **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
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

### **Dimensions Drawings**

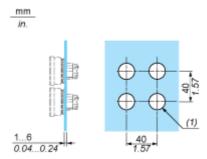
### **Dimensions**



### Mounting and Clearance

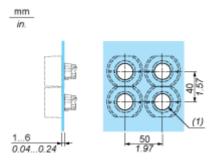
### Installation on Flat Surface

### 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  $_0^{+0.016}$ )

### Product data sheet

### ZB4BC28012

**Technical Description** 

Marking Type H012



**Electrical Composition Corresponding to Code C1** 



### **Electrical Composition Corresponding to Code C2**



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**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



### **Product data sheet**

### ZB4BC28012

# Single contact Double contact Light block Possible location