Product datasheet

Specifications

Green Premium™

pushbutton head for harsh environment - light blue - without marking

ZB5AC980

⚠ Discontinued on: 1 Jul 2020

⚠ Discontinued

Main

Range Of Product	Harmony XB5
Product Or Component Type	Head for push-button
Device Short Name	ZB5
Bezel Material	Black plastic
Head Type	Standard
Mounting Diameter	22 mm
Sale Per Indivisible Quantity	1
Shape Of Signaling Unit Head	Round
Type Of Operator	spring return
Operator Additional Information	Horizontal mounting Vertical mounting

Complementary

Cad Overall Width	37 mm
Cad Overall Height	18.5 mm
Cad Overall Depth	37 mm
Net Weight	0.024 kg
Resistance To High Pressure Washer	90 Pa at 82.5 °C
Operator Profile	Light blue flush, unmarked
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 SF1 for <3 contacts using single blocks in front mounting SR1 for <3 contacts using single blocks in rear mounting
Device Presentation	Basic element

Environment

Ambient Air Temperature For Storage	-40…85 °C
Ambient Air Temperature For Operation	-40…70 °C
Electrical Shock Protection Class	Class II conforming to IEC 61140

Ip Degree Of Protection	IP66 conforming to IEC 60529 IP69K IP67
Nema Degree Of Protection	NEMA 4 conforming to UL 508 NEMA 13 NEMA 12
Ik Degree Of Protection	IK03 conforming to IEC 62262
Standards	CSA C22.2 IEC 60947-1 IEC 60947-5-1 UL 508
Product Certifications	CSA CE UL
Vibration Resistance	5 gn (f= 2…500 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

Contractual warranty

Warranty	18 months

Life Is On | Schneider Electric

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ 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

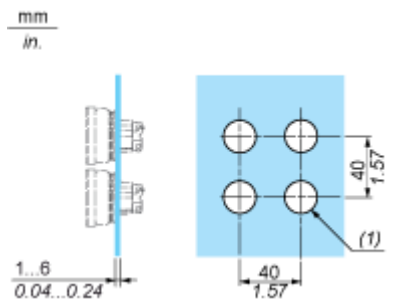**Circularity Profile**   End of Life Information

Dimensions Drawings

Dimensions
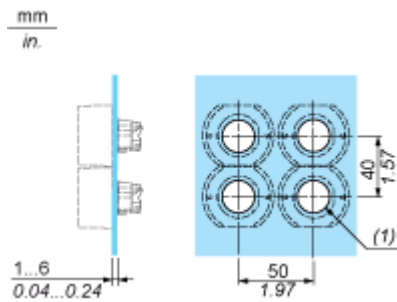
mm
in.

37
1.46

Ø 37
Ø 1.46
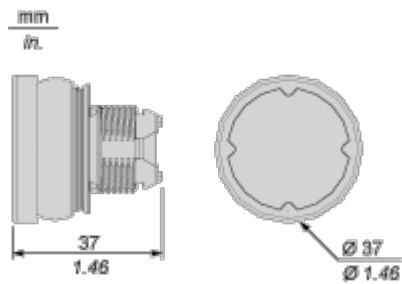
Mounting and Clearance

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 $_0^{+0.016}$)

Technical Description
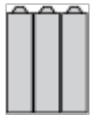
Electrical Composition Corresponding to Code C1

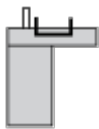## Electrical Composition Corresponding to Code C2

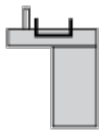## Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

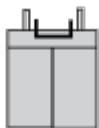**Electrical Composition Corresponding to Code C15**

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