

Product data sheet

Specifications



pushbutton head for harsh environment - black - with marking

ZB4BC28021

! Discontinued on: Oct 20, 2020

! End-of-service on: Jan 22, 2021

! 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 | 0.9 in (22 mm) |
| Sale per indivisible quantity | 1 |

Complementary

| | |
|-----------------------------------|---|
| CAD overall width | 1.5 in (37 mm) |
| CAD overall height | 0.7 in (18.5 mm) |
| CAD overall depth | 1.5 in (37 mm) |
| net weight | 0.079 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 H021 white) |
| Operator additional information | Vertical mounting |
| Mechanical durability | 10000000 cycles |
| Vibration resistance | 5 gn 2...500 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 H021 |
| Marking | Type H021 |
| Colour of marking | White |
| 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

| | |
|--|---|
| Ambient air temperature for storage | -40.0000000000...185.0000000000 °F (-40...85 °C) |
| Ambient air temperature for operation | -40.0000000000...158.0000000000 °F (-40...70 °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) 180.5 °F (82.5 °C) |
| IK degree of protection | IK06 conforming to IEC 62262 |
| Standards | IEC 60947-5-1 IEC 60947-1 UL 508 CSA C22.2 |
| Product certifications | UL CSA CE |

Contractual warranty

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

Sustainability

Green Premium™ 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-CO₂ 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](#)

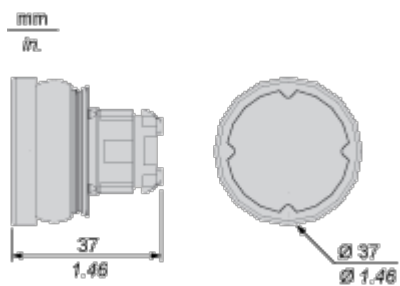
China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

Dimensions Drawings

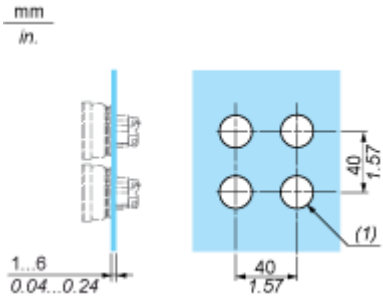
Dimensions



Mounting and Clearance

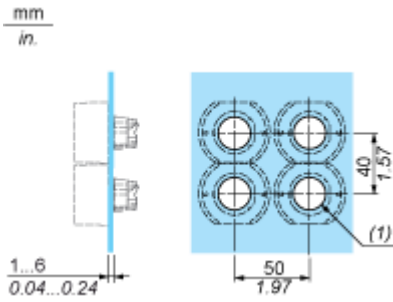
Installation on Flat Surface

Without Protective Guard



(1) $\varnothing 22.5$ mm recommended ($\varnothing 22.3_0^{+0.4}$) / $\varnothing 0.89$ in. recommended ($\varnothing 0.88_0^{+0.016}$)

With Protective Guard



(1) $\varnothing 22.5$ mm recommended ($\varnothing 22.3_0^{+0.4}$) / $\varnothing 0.89$ in. recommended ($\varnothing 0.88_0^{+0.016}$)

Technical Description

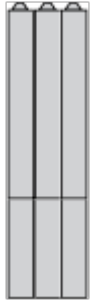
Marking Type H021



Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2

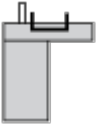


Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

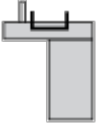


Electrical Composition Corresponding to Code C15

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

