Product data sheet

Specifications



Head for push button, Harmony XB5, harsh environment, black, 22mm, spring return, unmarked

ZB5AC280

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	Black 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Enclosure Type	UL type 4/13
IK degree of protection	IK03 conforming to IEC 62262
Standards	UL 508 CSA C22.2 IEC 60947-1 IEC 60947-5-1
Product certifications	UL CSA CE
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.000 cm
Package 1 Width	8.000 cm
Package 1 Length	6.000 cm
Package 1 Weight	24.000 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	2.679 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**0.2 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
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**

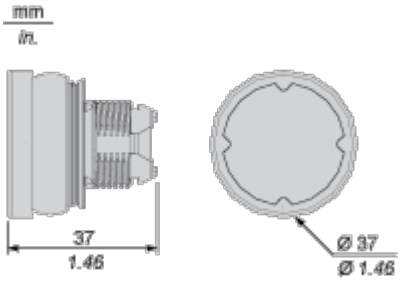
Use Again

Repack and remanufacture

Recyclability potential, in %	**0**
End of life manual availability	**End of Life Information**
Take-back	**No**

Dimensions Drawings

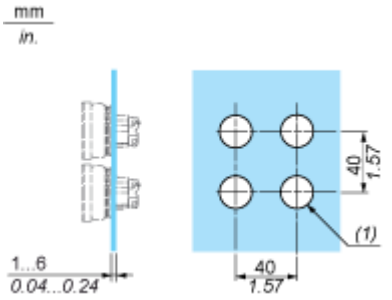
Dimensions



Mounting and Clearance

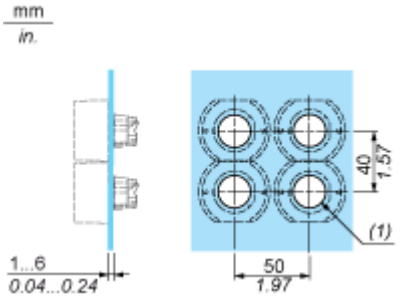
Installation on Flat Surface

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 $_{0}^{+0.016}$)

Technical Description

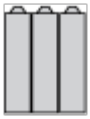
Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2

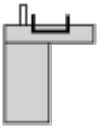


Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

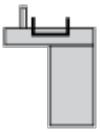


Electrical Composition Corresponding to Code C15

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

