Specifications





Harmony XB5, Antimicrobial Flush mounted push button head, plastic, projecting, green, 30mm, spring return, unmarked, dark grey bezel

ZB5FL3

Main

| Range of product | Harmony XB5 | | |
|-------------------------------|--------------------------------------|--|--|
| Product or component type | Head for non-illuminated push-button | | |
| Device short name | ZB5 | | |
| Product compatibility | ZBYF ZBZF32 ZBZF33 ZB5AZ | | |
| Bezel material | Dark grey plastic | | |
| Mounting diameter | 30.5 mm | | |
| Head type | Built-in-flush | | |
| Sale per indivisible quantity | 1 | | |
| Shape of signaling unit head | Round | | |
| Type of operator | spring return | | |
| Operator profile | Green projecting, unmarked | | |

Complementary

| CAD overall width | 37 mm |
|-----------------------------|--|
| CAD overall height | 37 mm |
| CAD overall depth | 32 mm |
| Net weight | 0.031 kg |
| Mechanical durability | 1000000 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 |
| Device presentation | Basic element |

Environment

| protective treatment | ТН |
|---------------------------------------|----------------------------------|
| Ambient air temperature for storage | -4070 °C |
| Ambient air temperature for operation | -4070 °C |
| Overvoltage category | Class II conforming to IEC 60536 |

| IP degree of protection | IP66 conforming to IEC 60529 |
|------------------------------------|---|
| | IP67 conforming to IEC 60529 |
| | IP69 conforming to IEC 60529 |
| | IP69K conforming to ISO 20653 |
| | Type 13 conforming to UL 50 E |
| | Type 12 conforming to UL 50 E |
| | Type 4 conforming to UL 50 E |
| | Type 4X conforming to UL 50 E |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| IK degree of protection | IK03 conforming to IEC 50102 |
| Standards | UL 508 |
| | IEC 60947-5-1 |
| | JIS C8201-5-1 |
| | IEC 60947-5-4 |
| | IEC 60947-1 |
| | CSA C22.2 No 14 |
| | JIS C8201-1 |
| product certifications | UL listed |
| | BV |
| | GL |
| | LROS (Lloyds register of shipping) |
| | DNV |
| | CSA |
| Shock resistance | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC |
| | 60068-2-27 |
| | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| | 25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27 |
| Vibration resistance | 5 gn (f= 10500 Hz) conforming to IEC 60068-2-6 |
| | 2 mm peak to peak (f= 210 Hz) conforming to IEC 60068-2-6 |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|---------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.45 cm |
| Package 1 Width | 4.3 cm |
| Package 1 Length | 5.2 cm |
| Package 1 Weight | 22.0 g |

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM 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-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

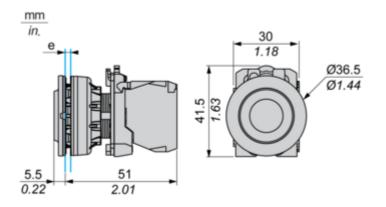
Reach Free Of Svhc
Mercury Free
Rohs Exemption Information Yes

Certifications & Standards

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

Dimensions Drawings

Dimensions

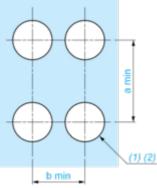


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors



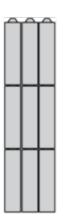
(1) Diameter on finished panel or support

(2) Ø30.75 mm recommended (Ø30.5 $_{0}^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $_{0}^{+0.0196}$)

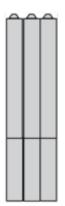
| Connections | a in mm | a in in. | b in mm | b in in. |
|---|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40 | 1.57 | 40 | 1.57 |
| By Faston connectors | 45 | 1.77 | 40 | 1.57 |

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



Technical Illustration

Dimensions

