



Main

| | |
|---------------------------------|----------------------------------|
| Range of product | Harmony XB5 |
| Product or component type | Head for illuminated push-button |
| Device short name | ZB5 |
| Product compatibility | Integral LED |
| Bezel material | Plastic |
| Mounting diameter | 30 mm |
| Sale per indivisible quantity | 1 |
| Head type | Built-in-flush |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Green flush unmarked |
| Operator additional information | With illuminated ring |

Complementary

| | |
|------------------------------------|--|
| CAD overall width | 37 mm |
| CAD overall height | 37 mm |
| CAD overall depth | 30 mm |
| Product weight | 0.017 kg |
| Resistance to high pressure washer | 7000000 Pa at 55 °C,distance: 0.1 m |
| Mechanical durability | 10000000 cycles |
| Main group | Illum push-button |
| Group of product | Flush push with ring illum LED |
| Cap/Operator or lens colour | Green |
| Marking | Unmarked |
| Electrical composition code | M1 for <= 6 contacts using single blocks in front mounting with integral LED M2 for <= 6 contacts using single and double blocks in front mounting with integral LED M10 for <= 2 contacts using single blocks in front mounting with integral LED M6 for <= 2 contacts using single blocks in front mounting with integral LED and transformer |

MF1 for <= 2 contacts using single blocks in front mounting with integral LED

| | |
|--------------------|-----|
| Compatibility code | ZB5 |
|--------------------|-----|

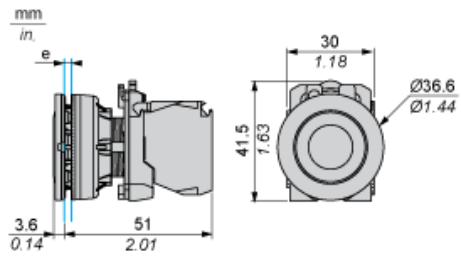
Environment

| | |
|---------------------------------------|--|
| Protective treatment | TC |
| Ambient air temperature for storage | -40...70 °C |
| Ambient air temperature for operation | -40...70 °C |
| Overvoltage category | Class II conforming to IEC 60536 |
| IP degree of protection | IP67 IP66 conforming to IEC 60529 |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| IK degree of protection | IK03 conforming to EN 50102 |
| Standards | UL 508 GB 14048.5 EN/IEC 60947-5-4 JIS C 4520 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 |
| Product certifications | RINA LROS (Lloyds register of shipping) DNV BV CSA GL UL listed |
| 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 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1804 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

Dimensions



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

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

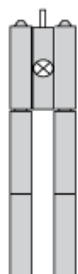
Connection by Screw Clamp Terminals or Plug-in Connectors

(1) Diameter on finished panel or support

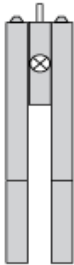
(2) Ø30.75 mm recommended ($\text{Ø}30.5_0^{+0.5}$) / Ø1.21 in. recommended ($\text{Ø}1.20 \text{ in. }_0^{+0.0196}$)

| 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 |

Electrical Composition Corresponding to Codes M1 and M7



Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2



Legend

Single contact



Double contact



Light block



Possible location

