

Product data sheet

Characteristics

ZB5FK1713

Head for illuminated selector switch, Harmony XB5, flush mounted white 3 pos return left to center



Main

| | |
|-------------------------------|--------------------------------------|
| Range of product | Harmony XB5 |
| Product or component type | Head for illuminated selector switch |
| Product compatibility | Integral LED |
| Device short name | ZB5 |
| Bezel material | Dark grey plastic |
| Mounting diameter | 30 mm |
| Head type | Built-in-flush |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Round |
| Type of operator | Left to centre spring return |
| Operator profile | White standard handle |
| Operator position information | 3 positions +/- 45° |

Complementary

| | |
|-----------------------------|---|
| CAD overall width | 37 mm |
| CAD overall height | 37 mm |
| CAD overall depth | 46 mm |
| Net weight | 0.03 kg |
| Mechanical durability | 1000000 cycles |
| Electrical composition code | M3 for <4 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 M10 for <2 contacts using single blocks in front mounting with integral LED MF1 for <2 contacts using single blocks in front mounting with integral LED M4 for <4 contacts using single and double blocks in front mounting with integral LED |

Environment

| | |
|---------------------------------------|---|
| Protective treatment | TH |
| 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 | IP66 conforming to IEC 60529 IP67 IP69 IP69K |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| IK degree of protection | IK03 conforming to IEC 50102 |

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| | |
|------------------------|--|
| Standards | EN/IEC 60947-5-4 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14 EN/IEC 60947-5-5 JIS C8201-5-1 EN/IEC 60947-1 JIS C8201-1 |
| Product certifications | CSA DNV UL listed LROS (Lloyds register of shipping) BV GL RINA |
| 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 |

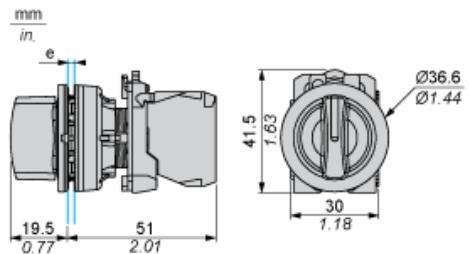
Packing Units

| | |
|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 22 g |
| Package 1 Height | 5.45 cm |
| Package 1 width | 4.3 cm |
| Package 1 Length | 5.2 cm |

Offer Sustainability

| | |
|----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | <input checked="" type="checkbox"/> REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) <input checked="" type="checkbox"/> EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | <input checked="" type="checkbox"/> Yes |
| China RoHS Regulation | <input checked="" type="checkbox"/> China RoHS Declaration |
| Environmental Disclosure | <input checked="" type="checkbox"/> Product Environmental Profile |
| Circularity Profile | <input checked="" type="checkbox"/> End Of Life Information |

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

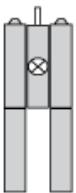


(1) Diameter on finished panel or support

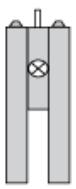
(2) Ø30.75 mm recommended (Ø30.5 $^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $^{+0.0196}$)

| 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 Code M3



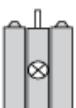
Electrical Composition Corresponding to Code M4



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



Sequence of Contacts Fitted to 2-position Selector Switch Body

Position 315°



| | | | | | |
|----------|----------|------|--------|------|--|
| Push | Position | Top | | | |
| Bottom | | | | | |
| Location | | Left | Right | | |
| State | | 0 | 0 | | |
| Contacts | N/O | | open | open | |
| N/C | closed | | closed | | |

Position 45°



| | | | | | |
|----------|----------|------|--------|--------|--|
| Push | Position | Top | | | |
| Bottom | | | | | |
| Location | | Left | Right | | |
| State | | 1 | 1 | | |
| Contacts | N/O | | closed | closed | |
| N/C | open | | open | | |