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IZ SERIES - METAL - LATCHING



The IZ series is a rear mounted pushbutton, available with a polyamide or a metal case. This product has been designed to reduce the assembly cost in 2 application types: wave soldering and when using a connector. The IZ series allows flush panel mounting and makes dismantling easier.

MAIN FEATURES

- Rear mounting for easier installation
- Latching action metal models
- Fixed or variable panel thickness
- Sealed to IP67
- Illuminated or non-illuminated
- Flat actuator for optional marking

 REQUEST FORM

0820 20 30 10

 Monday – Friday 9am to 5pm
 - Central European Time

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 3D FILE

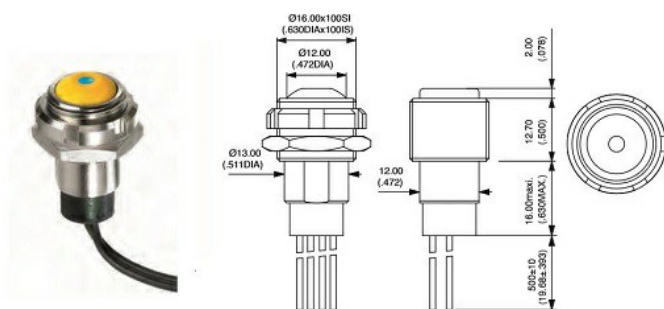
 DATASHEET

360° PRESENTATION

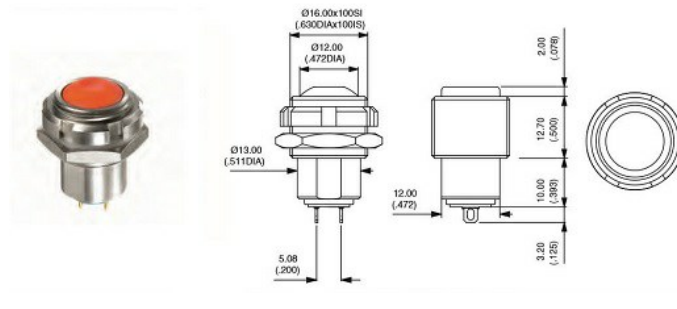


MORE INFO

ERGONOMICS 1



ERGONOMICS 2



FEATURES

GENERAL SPECIFICATION

- Panel thickness:
 - IZM: 3 mm (.118) max.
 - IZN: 4 mm (.157) max.
- Total travel: 1.8 mm (.070) +/- 0.3 mm
- Typical operating force: 6 N +/- 2 N
- Low level or mechanical life: 1,000,000 cycles
- Torque: IZN: 1 Nm max.
- IZM : 0,7 Nm max. applied to nut
- Soldering : 320 °C max. for 3 sec.

ENVIRONMENTAL SPECIFICATIONS

- Front panel sealing: IP67 according to IEC 60529
- Shock resistance: 100 g according to IEC 512-4, test 6c
- Vibration resistance: 10-500Hz - 10 g according to IEC 512-4, test 6d
- Salt spray: IEC 512-6, test 11f
- Operating temperature: -40 °C to +85 °C (-40 °F to 185 °F)

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load:
 - Gold plated silver contacts (code 4): 200 mA 48 VDC
 - Silver contacts (code 2) - screw terminals: 4 A 48 VDC
- Electrical life at full load: 500,000 cycles
- Initial contact resistance: 100 mΩ max.
- Insulation resistance: 1 GΩ min. at 500 VDC


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MATERIALS

- Case: thermoplastic UL94-V0
- Plunger: polyamide
- Bushing/bezel: brass, nickel plated
- Contacts:
 - 4: silver, gold plated
 - 2: silver (screw terminals)
- Multi-wire lead AWG20, section 0.6 mm²
- LED wire: AWG26, section 0.12 mm²
- Lens: polycarbonate
- Terminal seal: epoxy (except screw terminals)



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