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 dismounting 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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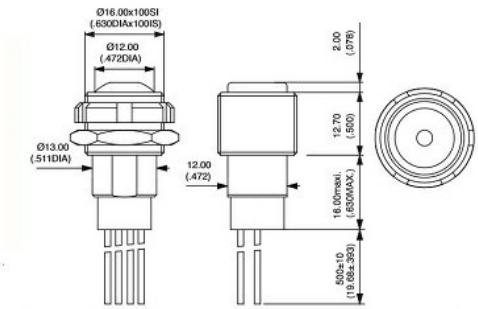




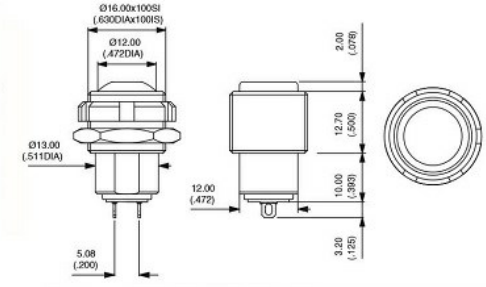
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MORE INFO

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

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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• Dielectric strength: 1,000 Vrms 50 Hz

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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