

IF series

Sealed pushbutton switches with Ø 25 mm actuator - bushing dia. 16 mm

- ☐ Can be operated with gloved hands
- ☐ Snap-in and threaded bushing models
- ☐ Resistant to frost
- ☐ Sealed to IP54 or IP67

UG1410A

ELECTRICAL AND GENERAL SPECIFICATIONS

- Max. current/voltage rating with resistive load : 400mA 32VAC - 100mA 48VDC
- Initial contact resistance : 50 mΩ max.
- Insulation resistance : 1 GΩ min. at 500VDC
- Dielectric strength : 1.000 VAC rms. between terminals and frame 1500 VAC between terminals
- Electrical life at full load : 500.000 cycles
- Panel thickness :
 - Snap-in models : 0,8 mm (.031) min. - 2,5 mm (.098) max.
 - Threaded bushing models : 0,8 mm (.031) min. - 5 mm (.196) max.
- Total travel : 4 mm (.157)
- Typical operating force : 6,5 N +/- 2N
- Low level or mechanical life : 1.000.000 cycles
- Torque : 1,5 Nm max. applied to nut
- Soldering : 320°C max. for 3 seconds

MATERIALS

- Case : thermoplastic UL94-V0
- Actuator : polyamide 12, rubber filled
- Bushing/bezel : polyamide 6/6
- Contacts : solid silver, gold plated
- Terminal seal : epoxy

ENVIRONMENTAL SPECIFICATIONS

- Front panel sealing (switches mounted on panel) :
 - . IP67 (threaded bushing models)
 - . IP54 (snap-in models)
- Operating temperature : -20°C to +85°C

IF

SERIES

Mounting

B Snap-in
S Threaded bushing

Electrical function

3 Normally open (NO)

Terminals

Z1 Quick- connect or solder 2,8 x 0,5 mm

Contacts

AD Solid silver, gold plated

Actuator colours

1 Blue **5** Yellow
1/4 Dark blue **6** Red
2 Black **7/1** White
3 Green **9** Orange
Grey RAL7040 : on request

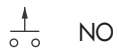
Case colours

00 Black
20 Red

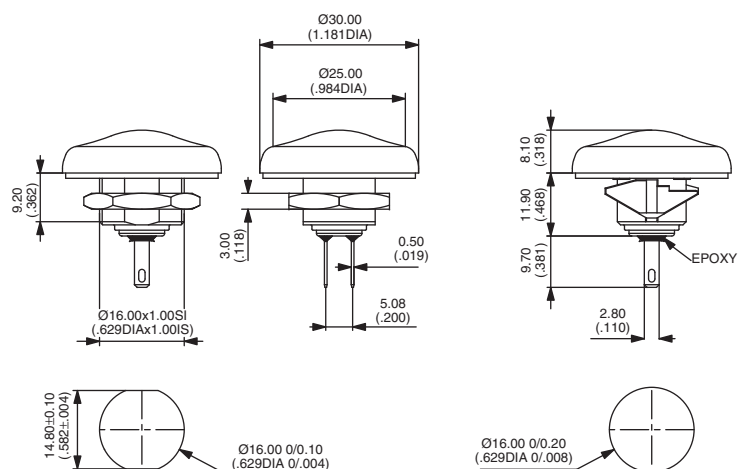
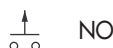
Models



Snap-in
IFB3Z1AD



Threaded bushing
IFS3Z1AD



Mounting accessories : Standard hardware supplied : 1 flat seal (IFB series)

1 flat seal and 1 hex nut 19 mm (.748) across flats (IFS series) . The hex nut is presented in section I (part number 10-621).



Packaging unit : 20 pieces

The company reserves the right to change specifications without notice.

Mouser Electronics

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