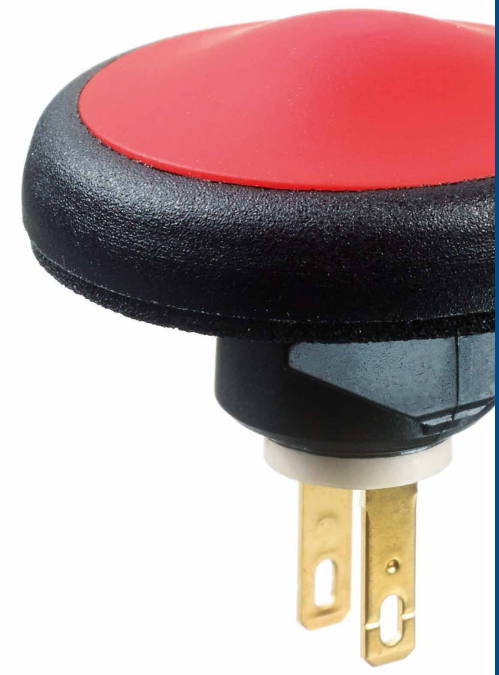
IF series

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

DISTINCTIVE FEATURES

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



ENVIRONMENTAL SPECIFICATIONS

- Front panel sealing (switches mounted on panel) :
  - IP67 (threaded bushing models)
  - IP54 (snap-in models)
- Operating temperature : -20 °C to +85 °C (-4 °F to +185 °F)

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
  400 mA 32 VAC - 100 mA 48 VDC
- Initial contact resistance : 50 mΩ max.
- Insulation resistance : 1 GΩ min. at 500 VDC
- Dielectric strength : 1,000 VAC rms. between terminals and frame
  1,500 VAC between terminals
- Electrical life at full load : 500,000 cycles

GENERAL SPECIFICATIONS

- 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 ± 2 N
- Low level or mechanical life : 1,000,000 cycles
- Torque : 1.5 Nm max. applied to nut
- Soldering : 320 °C (608 °F) max. for 3 seconds

The company reserves the right to change specifications without notice.

MATERIALS

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

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BUILD YOUR PART NUMBER

BASIC PART NUMBER

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

OPTIONS

CONTACTS

AD	Solid silver, gold plated

ACTUATOR COLORS

1	Blue
1/4	Dark blue
2	Black
3	Green
5	Yellow
6	Red
7/1	White
9	Orange

Grey RAL7040 : on request

CASE COLORS

00	Black
20	Red

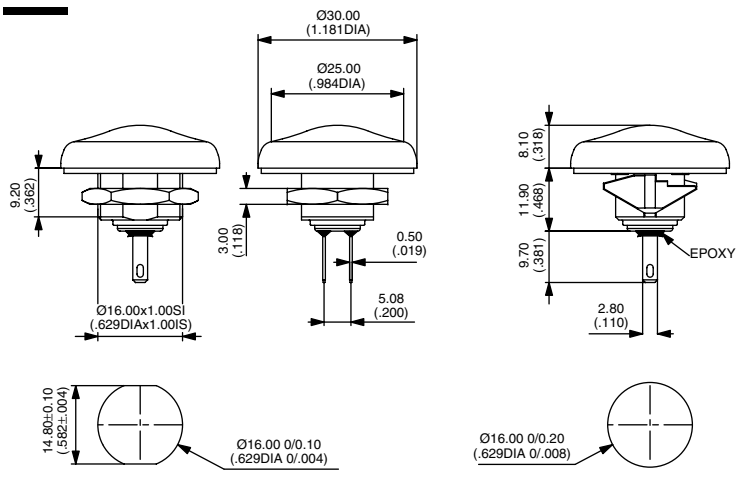
ABOUT THIS SERIES

Mounting accessories : Standard hardware supplied : 1 flat seal (IFB series), 1 flat seal and 1 hex nut 19 mm (.748) across flats (IFS series) . Hex nut part number : 10-621.

MODELS

Snap-in

IFB3Z1AD NO

Threaded bushing

IFS3Z1AD NO