



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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IF series

Sealed pushbutton switches
with \varnothing 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 m Ω max.
- Insulation resistance : 1 G Ω 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 \pm 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.



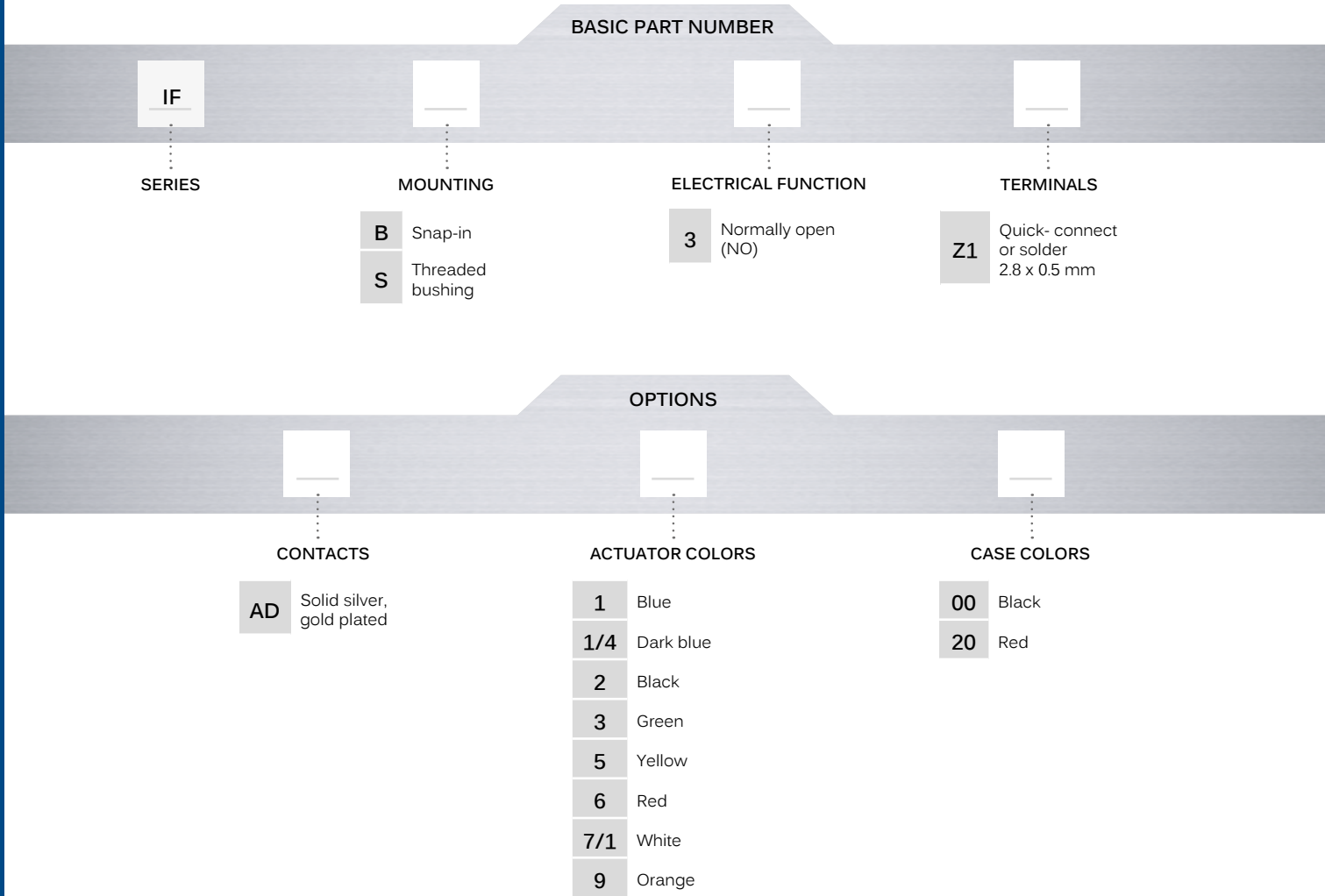
MATERIALS

- 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






Grey RAL7040 : on request

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

