

ALCOSWITCH ILLUMINATED TACTILE SWITCH SERIES

The new ALCOSWITCH Illuminated Tactile switch series is designed for easy operation and reliability in a variety of board mounted applications. The tactile switch includes an LED indicator, available in low and high intensity versions, and 8 unique color options. Rated up to 500,000 electrical lifecycles, the Illuminated Tactile series is designed to last.



Applications

The new switch is well suited for designs requiring illuminated interfaces via pushbutton style switches including:

- Industrial equipment
- Building Automation / HVAC equipment
- Instrumentation
- Communication equipment
- Control equipment

Electrical

- Electrical life (pushbutton only):
 - 100/160 GF (grams-force): 500,000 cycles
 - 260/520 GF (grams-force): 200,000 cycles

Mechanical

- Number of poles: 1
- Switch Functions: OFF-(ON)
- Contact Rating: 50 mA @ 12 VDC

Product Specifications

- RoHS Directive 2002/95/E compliant
- REACH Compliant and Pb Free

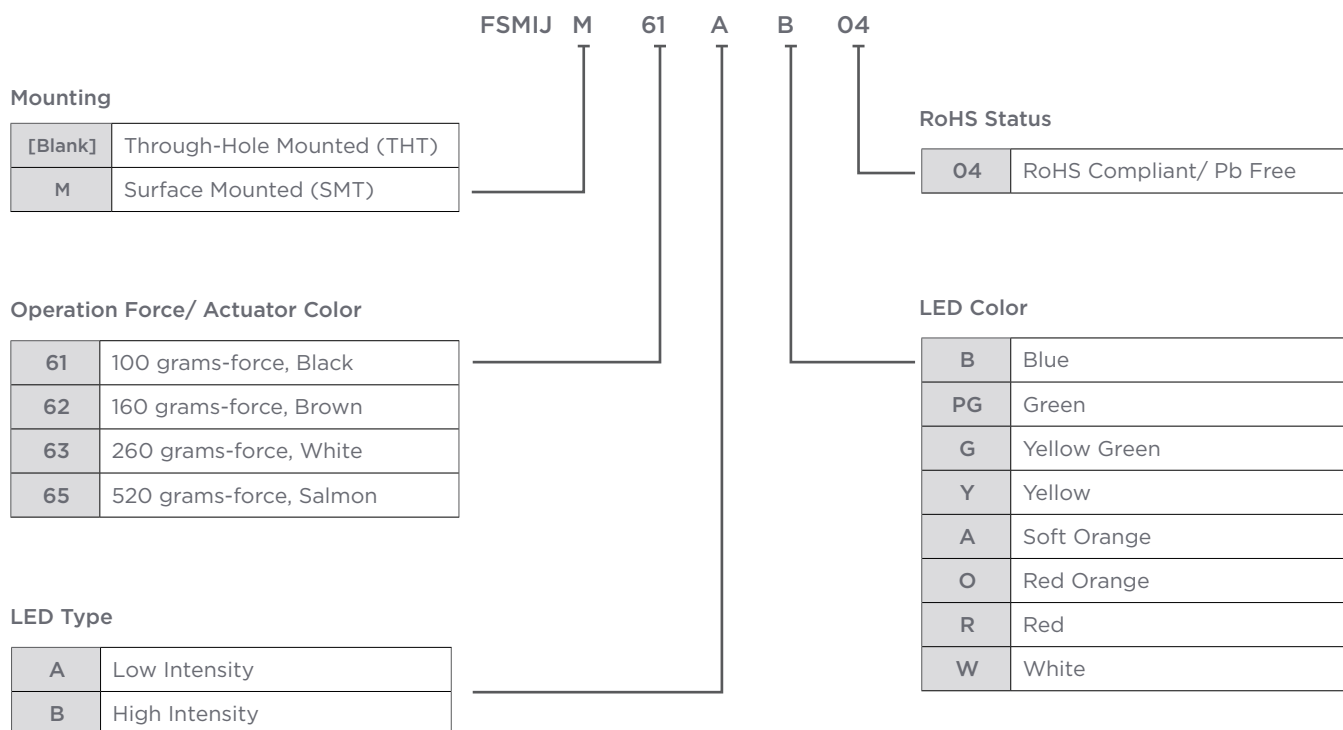
Materials

- Contacts: Stainless Steel, Silver plated
- Actuator: High temperature Thermoplastic (UL94-V0)
- Terminals: Brass, Silver Plated
- Case: High temperature Thermoplastic (UL94-V0)

Key Benefits

- Durability with switches rated up to 500,000 electrical life cycles
- Achieve design flexibility with low or high intensity LED indicators available in 8 color options
- Save board space with integrated super-bright LED
- Faster board assembly with reflow or wave solder compatible designs
- Enable ease of use with tactile and audible feedback
- Designed to fit your specific application with a wide range of actuation forces available

Product Key



For additional product information, including drawings, customer viewable models, and distributor inventory, please visit TE.com. Use the Product Key to determine the desired part configuration, or reference the below Part Selection table.

Product Selection Information

Descriptive PN	Body Style	LED Intensity	LED color	TE PN
FSMIJ61AB04	Illuminated 6x6 Tact, THT	LI	Blue	2213818-1
FSMIJ62AG04	Illuminated 6x6 Tact, THT	LI	Yellow Green	1-2213818-9
FSMIJ63AR04	Illuminated 6x6 Tact, THT	HI	Soft Orange	3-2213818-9
FSMIJ65AB04	Illuminated 6x6 Tact, THT	LI	Blue	4-2213818-9
FSMIJM61AB04	Illuminated 6x6 Tact, SMT	LI	Blue	2213819-1
FSMIJM62BB04	Illuminated 6x6 Tact, SMT	HI	Blue	2-2213819-5
FSMIJM63BB04	Illuminated 6x6 Tact, SMT	HI	Blue	4-2213819-1
FSMIJM65AR04	Illuminated 6x6 Tact, SMT	LI	Red	5-2213819-5

LI = low intensity
HI = high intensity

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Mouser Electronics

Authorized Distributor

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