

ALCOSWITCH ILLUMINATED TACTILE SWITCH

- Help ensure durability with switches rated up to 500,000 electrical life cycle
- Achieve design flexibility with low or high intensity LED indicators available in 8 color options



TE Connectivity (TE) introduces the new ALCOSWITCH illuminated tactile switch series, 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 with 8 unique color options. Rated up to 500,000 electrical lifecycles, the illuminated tactile series is designed to last.

BENEFITS

- Help ensure durability with switches rated up to 500,000 electrical life cycle
- Achieve design flexibility with low or high intensity LED indicators available in 8 color options
- Realize preferred user experience with different actuator forces and tactile and audible feedback
- Save time during board assembly with reflow or wave solder compatible designs

MATERIALS

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

MECHANICAL

- Number of Poles: 1
- Switch Functions: OFF-(ON)
- Dielectric Strength: 250 VAC for 1 Minute
- Actuator force:
 - 100 GF +/- 60 GF
 - 160 GF +/- 60 GF
 - 260 GF +/- 60 GF
 - 520 GF +/- 60 GF
- Actuator Travel: 0.20 mm +/- 0.10 mm

APPLICATIONS

- Industrial equipment
- Building automation
- HVAC equipment
- Instrumentation
- Communication equipment
- Control equipment

STANDARDS & SPECIFICATIONS

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

ELECTRICAL

- Contact Rating: 50 mA @ 12 VDC
- Electrical Life (pushbutton only):
 - 100/160 GF: 500,000 cycles
 - 260/520 GF: 200,000 cycles
- Contact Resistance: 100mΩ max
- Insulation Resistance: 100 mΩ min. @500VDC

LEARN MORE

[Illuminated Tactile Switch Flyer](#)

[Product Selector Page](#)

[Other Tactile Switches Product Selector Page](#)

[ALCOSWITCH Illuminated Tactile Switch Parts List](#)