

ALCOSWITCH ANTI-VANDAL SWITCH SERIES

- Achieve a vandal proof solution with a jam nut accessible from the rear of the panel
- Enable flexibility with various pushbutton symbols including spot, ring, and power logo



TE Connectivity (TE) introduces the ALCOSWITCH anti-vandal switch series, designed for security and reliability in a variety of panel mount industrial and building applications. The large pushbutton and available LED indicators illuminate the switch and allow for an easy user interface. TE's anti-vandal series is available in panel sizes of 16, 19, and 22 mm, with various pushbutton symbols including spot, ring, and power logo. The switches are sealed to IP67 and available in single and double pole configurations.

BENEFITS

- Achieve a vandal proof solution with a jam nut accessible from the rear of the panel
- Enable flexibility with various pushbutton symbols including spot, ring, and power logo

MATERIALS

- Contacts: Copper with silver or gold plating
- Actuator: Stainless Steel
- Terminals: Copper, silver plated
- Terminal seal: Silicon
- Case: PBT

MECHANICAL

- Number of poles: 1 to 2
- Switch Functions: OFF-ON, OFF-(ON)
- Gold Contact: 0.4 VA @ 20V max
- Electrical life (pushbutton only):
 - 16mm: 200,000 cycles
 - 19/22mm: 50,000 cycles
- Actuator force
 - 16mm: 4.5 +/- 1.5 N
 - 19/22mm, Single Pole: 2.5 +/- 1.0 N
 - 19/22mm, Double Pole: 3.5 +/- 1.0 N
- Actuator travel
 - 16mm: 2.0 mm
 - 19/22mm: 3.2 mm
- Life Expectancy:
 - Momentary: 1,000,000 actuations
 - Push On/Off: 500,000 actuations

APPLICATIONS

- Elevator/Escalator
- Kiosks
- ATM machines
- Public ticket dispensers
- Vending machines

ELECTRICAL

- Contact Rating:
 - 2A @ 36 VDC (16 mm)
 - 3A @ 250 VAC (19 or 22 mm)
- Contact Resistance:
 - 50mOhms max. @ 1A 12VDC (initial value)
- Insulation Resistance:
 - 1000 MΩ min. @500 VDC
- Dielectric Strength:
 - 2000 V for 1 minute

LEARN MORE

[ALCOSWITCH Anti-Vandal Switch Series Flyer](#)
[ALCOSWITCH Anti-Vandal Switch Series Parts List](#)