

Touchbar Monitoring

Available for all Apex Series Devices. The Touchbar Monitoring Switch is an internally mounted switch that is used to signal electromagnetic locks, horns, monitoring stations or other electronic components.

- UL Listed for Panic and Fire for Class II Circuitry.
- TS and TDS can be used in combination with all Apex options including ELR Devices.

TS (SPDT - Single Pole, Double Throw) version allows for interface with one external component. A (2) wire power transfer is required, not furnished standard.

TDS (DPDT - Double Pole, Double Throw) version allows for interface with two external components. A (4) wire power transfer is required, not furnished standard.

To Order: specify prefix TS or TDS (e.g. TS2108)

Touchbar Monitoring Conversion Kit

TS and TDS options are available as kits, specify TSK309 for Single Switch Monitoring or TDSK310 for Double Switch Monitoring.

Electrical Ratings

TS: Switch rated to 2 Amps at 24VDC SPDT

TDS: Switch rated to 2 Amps at 24VDC DPDT

Weatherized Touchbar Monitoring

Available for all Apex Series Devices. Weatherized Touchbar Switch WTS/WTDS is designed for use on a variety of exit device applications where contact with the elements may occur. Provided with the same specifications as the standard Touchbar monitoring.

- Meets the requirements of MIL-STD 810F, Method 506.4, Driving Rain Test (simulating 4 in./hr. rain with 40 mph wind)
- Meets the requirements of MIL-STD 810F, Method 509.4, Salt Fog test (simulating effects of corrosive environments similar to atmospheric conditions found in coastal regions)

To Order: specify prefix WTS or WTDS (e.g. WTS2108)

MONITORING SWITCHES

Latchbolt Monitoring

Available for Wide Stile Rim, Mortise and Vertical Rod Devices. The Latchbolt Monitoring Switch is an internally mounted switch that monitors the position of the latchbolt. Mortise LS option monitors auxiliary position. The switch can be used to signal a monitoring station or an alarm such as a Precision ALK/ALW Exit Alarm. For the security of the opening a Door Position Monitoring Switch is recommended.

- UL Listed for Panic and Fire for Class II Circuitry.
- LS and LDS can be used in combination with all Apex options including ELR Devices.

LS (SPDT - Single Pole, Double Throw) version allows for interface with one external component. A (2) wire power transfer is required, not furnished standard.

LDS (DPDT - Double Pole, Double Throw) version allows for interface with two external components. A (4) wire power transfer is required, not furnished standard.

To Order: specify prefix LS or LDS (e.g. LS2108)

Latchbolt Monitoring Conversion Kit

LS or LDS option is available as a kit for Wide Stile Devices, specify LSRK298 or LDSRK299 for Rim Devices or LSVK910 for Vertical Rod Devices. For Mortise Devices see Electric Mortise Lock, page 28.

Electrical Ratings

LS: Switch rated to 2 Amps at 24VDC SPDT

LDS: Switch rated to 2 Amps at 24VDC DPDT

Door Position Monitoring Switch



A Magnetic Reed type switch used to monitor the position of a door from a remote location. It is mounted in the Touchbar Endcap and Door Frame.

Electrical Ratings 1.5 Amps at 24VDC SPDT

To Order: Wide Stile: specify DS880 and finish.
Narrow Stile: specify NDS986 and finish.

Note: The recommended gap between the magnet and the door position switch when installed is 1/16" - 1/8". Please consider the distance between the exit device end cap and the frame. Depending on your application, the strike, and the template used, the switch and magnet can be adjusted and may extend from the device and/or frame. Please consult the factory for installation consideration.