



1-Touch

STYLE

The ES-Key™ 1Touch® switch panel is a fully customizable switch solution for utilization within a Class 1 ES-Key distributed multiplex network (or peer-to-peer networks). The 1Touch switch allows control and indication of outputs configured within the network database. The 1Touch switch panel is available in four layouts: 4 switches (2 pairs, p/n 1200-04-00-CL1), 8 switches (4 pairs, p/n 1200-08-00-CL1), 12 switches (6 pairs, p/n 1200-12-00-CL1), and 16 switches (8 pairs, p/n 1200-16-00-CL1).



Features

The 1Touch Switch panel is the latest in Class1 smart switch technology designed for use in the ES-Key System. They come in 4, 8, 12 and 16 button versions. They are completely sealed (IP67) so they can mount anywhere. Programmable switch functions give you plenty of options to complete any task. Each switch has two indicators that are fully programmable as well as each individual backlight.

Applications/Solutions

- Emergency Responder OEMs
 - Engineered Solutions
 - Fire OEMs
 - Firefighting - Airport (ARFF)
 - Firefighting - Industrial
 - Firefighting - Structural
 - Firefighting - Wildland Forestry
 - Rescue - EMS
 - Specialty Vehicles
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- Backlit switches with customizable transparent colored switch caps (clear, red, amber, yellow, green, and blue)
 - Customizable switch labels protected by the switch caps
 - Dimmable backlighting
 - Configurable switches with 6 switch functions (momentary, bi-stable, dimmer, and 3 toggle switch types)
 - Two state indicator LEDs (green and yellow) per switch
 - ES-Key network and peer-to-peer compatible
 - 12 and 24 volt operation

Specifications

| | |
|------------------------|---|
| Country of Manufacture | US |
| Volts | +9 VDC ... +32 VDC |
| Amperage | 65 mA (13.8 VDC) / 45 mA (27.6 VDC) |
| Can Specification | SAE J1939 proprietary, 250 Kbits/second |
| Enviromental Range | IP 67 |

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Temperature range

- -40°C...+85°C

Electrical protection

- Internal thermal fuse
- Reverse voltage protection
- CAN bus protected to 24V
- ESD voltage protected to SAE J1113 specification for heavy duty trucks (24V)
- Transient voltage protected to SAE J1113 specification for heavy duty trucks (24V)
- Load dump voltage protected to SAE J1113 specification for heavy duty trucks (24V)

Dimensions (W x H x D) in inches [millimeters]

- 3.00 [76.20] x 3.00 [76.20] x 1.94 [49.28] (4 position, 1200-04-00-CL1)
- 6.00 [152.40] x 3.00 [76.20] x 1.94 [49.28] (8 position, 1200-08-00-CL1)
- 9.00 [228.60] x 3.00 [76.20] x 1.94 [49.28] (12 position, 1200-12-00-CL1)
- 12.00 [304.80] x 3.00 [76.20] x 1.94 [49.28] (16 position, 1200-16-00-CL1)