



ES-Key Relay Board 12 Output

STYLE

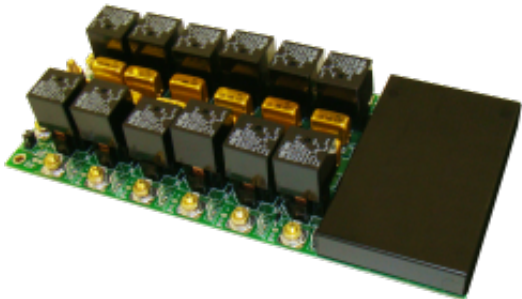
The ES-Key 12 relay board was designed to be used within the ES-Key multiplex system and contains 8 polarity selectable inputs, 10 positive polarity outputs, and 2 selectable polarity outputs. Each of the 12 outputs utilizes an automotive style relay and a 20A thermal fuse.

Features

The ES-Key 12-relay board (p/n 103190) is designed with the ability to be utilized within an ES-Key electrical system network to control distributed loads in the same manner as other Power Distribution Modules (PDMs) within the ES-Key network. The ES-Key 12-relay board uses standard ES-Key input/output memory space mapping to control the state of the outputs and report the state of the inputs.

Applications/Solutions

- Fire OEMs
- Firefighting - Airport (ARFF)
- Firefighting - Industrial
- Firefighting - Structural
- Firefighting - Wildland Forestry



Specifications

Country of Manufacture	US
Width	5" (127 mm)
Height	11" (279.4 mm)
Depth	2.15" (54.61 mm)
Volts	+9 VDC ... +14 VDC
Amperage	65 mA (13.8 VDC)
Can Specification	SAE J1939 Proprietary, 250 Kbits/second

ES-Key Relay Board 12 Output

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- Internal Thermal fuse (logic circuitry)
- Thermal circuit breakers (relay outputs)
- Reverse voltage protection (pins 1 and 2 if 2-pin power connector)
- CAN buses protected to 24 VDC
- ESD voltage protected to SAE J1113 specification for heavy duty trucks
- Transient voltage protected to SAE J1113 specification for heavy duty trucks