

Quad Relay Board

The quad relay board offers a modular way to build a power distribution center. By using the quad relay board an electrical system can be built in segments of four circuits. This allows tailoring of the system to the actual requirements of the vehicle, large or small. It allows change by adding or removing components and saves space by organizing the wire routing as well as reducing wire count by utilizing the circuit paths on the PCB. The quad relay board is flexible, allowing many circuit configurations.

The board can also be used as stand-alone control module for remote or smaller applications. The quad relay board will control (4) circuit protected relay circuits and (4) circuit breaker protected 12-volt outputs. However the quad relay board is configured, it will save you assembly time and money on your next electrical system installation – the next time and every time.

Contents p/n 99042

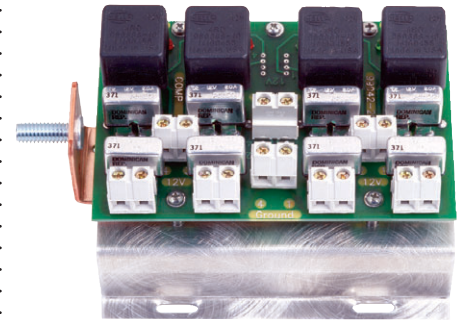
- (3) single-pole, single-throw circuits and (1) single-pole, double-throw
- Each circuit rated for 30 amps at 12 VDC
- Access to each relay coil terminal; coils are diode protected
- Each relay power terminal can be supplied power from a common buss (mk option) or powered from an individual source. The power terminal can also be accessed by removing the circuit breaker and inserting a .250 male spade in the breaker position. This feature is particularly useful when creating relay logic.
- Each relay circuit can be protected with a breaker or fuse
- (4) circuit protected outputs connected to the common buss
- Sockets are provided for all components
- Input, output, and control termination uses heavy-duty screw terminal block

Diagnostics

LED Indicators located on each side of the relay coil indicate signal to the coil and continuity through the coil. This provides a useful strategy for tracing faults either upstream on the input circuit or downstream on the load circuit.

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 for the fire apparatus industry*
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Options

Single Board Mounting Kit p/n 99042-MK

Includes aluminum mounting bracket, 160 Amp common buss bar with 1/4-20 threaded brass stud and mounting hardware. (Consult Factory for multiple module mounting options.)

Component Kit p/n 99042-CK

Includes (4) Automotive Type Relays, (5) SPST, 1 SPDT; and (8) 20 Amp Resetting Circuit Breakers TYPE 2

Autocad Drawing #99042 Available

For complete system integration please call a Data Panel representative. We will be happy to assist you using State of the Art design and manufacturing tools. We do the work – you see the benefit.

See the full line of Data Panel solutions at www.visionmark.com/dpc.html.