

Description

The **FP4025 4 Output Power Extender** is a solid state relay package designed for applications where high power is required. The small package design allows this module to be used for everything.

The FP4025 does more than simple relays. For about the same cost as adding 4 relays, including holders for fuses and relays, this module is able to drive loads in PWM mode for variable controls. Quick diagnostics are also possible using status LEDs. A total output current summary feature will allow load monitoring.

All 4 outputs are self protected against short-circuit and can handle peaks up to 40 A.



Features

- Reverse polarity and load dump protection.
- IP 20 rated enclosure.
- I/O LEDs.
- Maximum total continuous current: 50 A.
- Up to 20 A per load.
- Trigger manually configurable (high side/low side).
- Total output current summary feature.

Applications

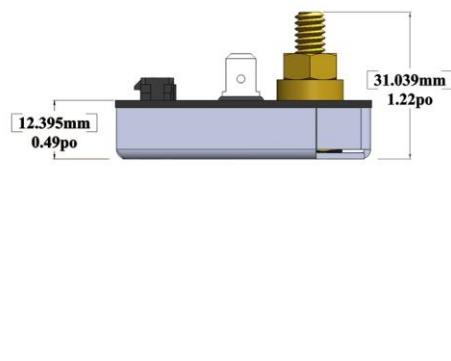
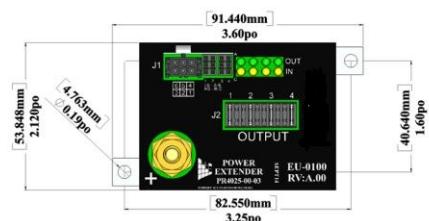
- Emergency vehicles
- Buses
- Private and commercial adapted vehicles
- Marine Applications

Benefits

- Easy installation.
- Transform low power outputs to high power outputs.
- Eliminates the need for conventional relays.
- PWM control.

Dimensions

Dimensions inches [mm]



Technical Information

- Design in accordance with SAE J1455, J1113.
- Operating supply voltage range: 9-32 V.
- Operational temperature range: -40 °C to +80 °C.

4 Inputs

- (4) (Trigger): Manually configurable: High side or low side.

4 Outputs

- (4) (H20): Source: 20 A.

For more information regarding related products and options, we invite you to contact a sales representative. Refer to the product specifications sheet for more details.