

New Product Introduction

EV-B Series Automotive Relay (DC Contactor)

High Cut-Off Capacity 2,000A at 500V DC!

Panasonic, a worldwide leader in Relay Products, introduces the new **EV-B Series Automotive Relay (DC Contactor)**.

The Panasonic **EV-B Contactor Series** offers a unique advantage with both vertical and horizontal mounting options, solving PCB height restriction challenges. This new DC Contactor can deliver exceptional performance with a minimum cut-off capacity of 2000A, 500V DC. This combination of flexibility and high-load reliability sets the new **EV-B Series Automotive Relay (DC Contactor)** apart as a design-friendly, yet powerful solution.

At just 360 grams, the **EV-B Series Relay** is lightweight and can maintain endurance under elevated temperatures. While maintaining stable operation with a switching life of 900A for 20 seconds at 85°C, the EVB demonstrates resilience in demanding conditions. The ambient temperature rating of 60°C at 15% duty ensures reliable operation in harsh environments. Combined with its compact weight, the **EV-B Series** is a durable and efficient choice for next-generation designs.



Features and Benefits

- Vertical and Horizontal Mounting Options for a Flexible PCB Design
- 200A, 500V DC Cut-Off Delivers Reliable High-Current Protection
- Switching Life of 900A for 20 Seconds at 85°C Allows for Long-Term Durability Even in High-Heat Environments
- Lightweight 360 grams Design Reduces Systems Weight which Improves Efficiency

Industries

- Electric Vehicles
- Industrial Power Systems
- Renewable Energy & Storage
- Agriculture/ Construction Vehicles

Applications

- Safety Cut-off / Battery Disconnect
- Power Distribution Units
- Inverters and Energy Storage Systems
- Safe High-Voltage Disconnect for Heavy-Duty Equipment