

The **Relay PCB** manages all critical relay operations within the vehicle's low-voltage system. It controls shutdown circuits, start/stop logic, and safety interlocks by interfacing with the Control Card, BSPD, TSMS, RTD button, and other safety-critical inputs.

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## Key Features

- **High-reliability Relay Control**

- Controls AIRs (Accumulator Isolation Relays)
- Activates/deactivates main contactors
- Manages shutdown circuit sequencing

- **Multiple Safety Interlock Inputs**

Includes signal lines from:

- **RTD Button**
- **BSPD**
- **TSMS / TSB**
- **Start button**
- **MCU feedback**

- **Dedicated Output Signals**

- **ACC\_OUT** – Accessory relay output
- **MCU\_HV\_OUT** – High-voltage enable signal to MCU
- **SDC\_OUT** – Shutdown circuit output

- **Compact Connector Layout**

Organized headers for easy wiring, debugging, and maintenance.