

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.

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.