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FACT SHEET

SAE Ground Vehicle Technical Committees: Electrical Systems
Circuit Protection Task Force

The Circuit Protection Task Force is part of the Circuit Protection and Switch Devices Standards Committee that reports to the Electrical Systems Group of the Motor Vehicle Council.

The Task Force is responsible for the development of US standards related to circuit protection devices utilized on ground vehicles. They also strive to standardize test procedures and interfaces as well as make recommendations for new product characteristics harmonized to an international level.

The Task Force's scope is to consider document requirements for components or devices that are employed as protective units, whose function is readily defined as circuit protection in ground vehicle electrical systems. Common devices include, but are not limited to:

- fuses
- circuit breakers
- safety disconnects
- solid-state protective components (e.g., PTC's, FET's)other items.

The Task Force is also responsible for the assigned documents identified by the Motor Vehicle Council as part of the circuit protection responsibility. Existing electrical system components (32VDC and below) and emerging technology protection devices (42V electrical system related) are outlined.

Participants in the Circuit Protection Task Force include OEMs, suppliers, consulting firms, government, and other interested parties.

SAE Circuit Protection Task Force
Standards Development & Revision Activities

Reference the Circuit Protection and Switch Devices Standards Committee Fact Sheet for a complete list of standards.

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For more information
or to participate on the Circuit Protection Task Force, contact:

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