

### Delphi Charge Coupler Connector with Cable

The Delphi Charge Coupler Connector with Cable is available for integration into Electric Vehicle Supply Equipment (EVSE) for charging Battery Electric Vehicles (BEV) and Plug-in Hybrid Electric Vehicles (PHEV). The Delphi Charge Coupler Connector with Cable is recognized under the component recognition program of Underwriter Laboratories Inc.

This coupler connector with cable delivers a reliable interface for providing a charge to an electric vehicle.

- Coupler — UL-recognized to multiple cable/couple configurations
- Cord connector — SAE J1772 compliant design with added functionality

#### ► Benefits

- Designed for both functionality and styling
- Provides convenience, safety and comfort for consumers
- Engineered to provide a robust, reliable charge
- Coupler connector design features the following:
  - Sealed coupler connector protects internal components
  - All terminal interfaces and crimps are sealed from environment when mated
  - Ergonomic handle with rubberized grip for left-handed or right-handed individuals
  - Knurled button for easy, non-slip latch activation/deactivation
  - Coupler provides time delay to help eliminate hot disconnect potential

#### ► Typical Applications

The Delphi Charge Coupler Connector with Cable can be used for Electric Vehicle Supply Equipment (EVSE) such as charging stations for the following:

- Battery Electric Vehicles (BEV)
- Plug-in Hybrid Electric Vehicles (PHEV)



**Delphi Charge Coupler Connector with Cable for use in electric vehicle charging station applications**



**The Delphi Charge Coupler Connector with Cable is a UL-recognized SAE J1772 cable assembly for integration into 120VAC (Level 1) or 240VAC (Level 2) charging stations or portable cordsets.**

**▶ Standards**

The Delphi Charge Coupler Connector with Cable complies with the following:

- UL 2251
  - Standard for Safety of Plugs, Receptacles and Couplers for EVs
- IEC 62196-1
  - Plugs, socket-outlets, vehicle connectors and vehicle inlets — Conductive charging of electric vehicles
  - Part 1: General requirements
- IEC 62196-2
  - Plugs, socket-outlets, vehicle connectors and vehicle inlets — Conductive charging of electric vehicles
  - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories
- UL 94V0
  - Tests for Flammability of Plastic Materials for Parts in Devices and Appliances
- SAE J1772
  - Electric Vehicle and Plug-in Hybrid Electric Vehicle Conductive Charge Coupler