UL 2251

STANDARD FOR SAFETY

Plugs, Receptacles, and Couplers for Electric Vehicles

UL Standard for Safety for Plugs, Receptacles, and Couplers for Electric Vehicles, UL 2251

Fourth Edition, Dated November 20, 2017

Summary of Topics

This Fourth Edition of the Standard for Plugs, Receptacles, and Couplers for Electric Vehicles, UL 2251, is being issued to incorporate the following:

Revised Product Designations

Clarification of Scope and Products Not Covered by UL 2251

Addition of New Definition for Grounding/Bonding Conductor

Clarification to Ratings and Required Designation of Ratings

Clarification of the Fused Devices Requirement

Clarification of Cable Requirements for the Impact Test

Revised Requirements for Metallic Enclosures

Revised Requirements for Pollution Degree

Revision to the Temperature Rise Test

New Requirements for Device Configurations in Relation to Pin Lengths and Speed of Disconnection

Reinstatement of the Overload Test Conditions for Connectors ″Not Intended for Current Interruption″

Revision to Address the Environmental Rating of Internal Parts

Removal of National Differences for Canada

The new/revised requirements are substantially in accordance with Proposal(s) on this subject dated March 10, 2017 and September 15, 2017.

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Standard for Plugs, Receptacles, and Couplers for Electric Vehicles

November 20, 2017

ANSI/UL 2251-2017

Commitment for Amendments

This standard is issued jointly by the Association of Standardization and Certification (ANCE), the Canadian Standards Association (operating as "CSA Group"), and Underwriters Laboratories Inc. (UL). Comments or proposals for revisions on any part of the standard may be submitted to ANCE, CSA Group, or UL at any time. Revisions to this standard will be made only after processing according to the standards development procedures of ANCE, CSA Group, and UL. CSA Group and UL will issue revisions to this standard by means of a new edition or revised or additional pages bearing their date of issue. ANCE will incorporate the same revisions into a new edition of the standard bearing the same date of issue as the CSA Group and UL pages.

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This ANSI/UL Standard for Safety consists of the Fourth Edition.

The most recent designation of ANSI/UL 2251 as an American National Standard (ANSI) occurred on November 20, 2017. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at https://csds.ul.com.

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