CSA Group

C22.2 No. 2459-08
(reaffirmed 2017)

Insulated multi-pole splicing wire connectors

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CANADIAN STANDARDS ASSOCIATION

Update No. 2
C22.2 No. 2459-08
September 2018

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Title: *Insulated multi-pole splicing wire connectors* — originally published August 2008

Revisions issued: Update No. 1 — February 2014

The following revisions have been formally approved and are marked by a vertical line in the margin on the attached replacement pages:

Revised	Cover, copyright page, Preface, and Clauses 1.3 and 4.4.1
New	Clauses 1.2A and C.1 and Table 4
Deleted	Tables 4A and 4B

- Update your copy by inserting these revised pages.
- Keep the pages you remove for reference.

First Edition, Dated August 22, 2008

Summary of Topics

This revision of includes the following changes in requirements:

Minimum Spacings Table 4

Intermateability of Connectors

Use of Multi-Pole Splicing Wire Connectors as Disconnects in LED Applications

Canadian Standards Association
CSA C22.2 No. 2459-08
First Edition

Underwriters Laboratories Inc.
UL 2459
First Edition

Insulated Multi-Pole Splicing Wire Connectors

August 22, 2008

(Title Page Reprinted: September 20, 2018)

ANSI/UL 2459-2018

Commitment for Amendments

This standard is issued jointly by 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 CSA Group or UL at anytime. Revisions to this standard will be made only after processing according to the standards development procedures of 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.

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This Standard is subject to review within five years from the date of publication, and suggestions for its improvement will be referred to the appropriate committee. To submit a proposal for change, please send the following information to inquires@csagroup.org and include ″Proposal for change″ in the subject line: Standard designation (number); relevant clause, table, and/or figure number; wording of the proposed change; and rationale for the change.

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This ANSI/UL Standard for Safety consists of the First edition including revisions through September 20, 2018. The most recent designation of ANSI/UL 2459 as an American National Standard (ANSI) occurred on September 20, 2018. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface.

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Preface

This is the harmonized CSA Group and UL standard for insulated multi-pole splicing wire connectors. It is the first edition of CSA C22.2 No. 2459 and the first edition of UL 2459. This harmonized standard has been jointly revised on September 20, 2018.

This harmonized standard was prepared by the CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the Technical Harmonization Committee for Connectors, of the Council on the Harmonization of Electrotechnical Standards of the Nations of the Americas (CANENA), are gratefully acknowledged.

This standard is considered suitable for use for conformity assessment within the stated scope of the standard.

This standard was reviewed by the CSA Integrated Committee on Electrical Connectors, under the jurisdiction of the CSA Technical Committee on Wiring Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee.

Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

Note: Although the intended primary application of this standard is stated in its scope, it is important to note that it remains the responsibility of the users of the standard to judge its suitability for their particular purpose.

Level of harmonization

This standard uses the IEC format but is not based on, nor is it considered equivalent to, an IEC standard.

This standard is published as an equivalent standard for CSA Group and UL.

An equivalent standard is a standard that is substantially the same in technical content, except as follows: Technical national differences are allowed for codes and governmental regulations as well as those recognized as being in accordance with NAFTA Article 905, for example, because of fundamental climatic, geographical, technological, or infrastructural factors, scientific justification, or the level of protection that the country considers appropriate. Presentation is word for word except for editorial changes.

Reasons for differences from IEC

At present there is no IEC standard for insulated multi-pole splicing wire connectors. Therefore, this standard does not employ any IEC standard for base requirements.

Interpretations

The interpretation by the standards development organization of an identical or equivalent standard is based on the literal text to determine compliance with the standard in accordance with the procedural rules of the standards development organization. If more than one interpretation of the literal text has been identified, a revision is to be proposed as soon as possible to each of the standards development organizations to more accurately reflect the intent.