UL 60947-7-1:2026

(IEC 60947-7-1:2002, MOD)

STANDARD FOR SAFETY

Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment – Terminal blocks for copper conductors

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UL Standard for Safety for Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment – Terminal blocks for copper conductors, UL 60947-7-1

Fourth Edition, Dated January 27, 2017

Summary of Topics

This revision of UL 60947-7-1 dated April 17, 2026 is issued to remove the ANSI logo and approval from the title page, and includes an update to remove the ANCE logo from the title page and ANCE references from the Preface. No technical changes have been made.

UL 60947-7-1 is an adoption of IEC 60947-7-1, Second Edition, issued by the IEC (2002) including Corrigendum 1 (2003). Please note that the National Difference document incorporates all of the U.S. national differences for UL 60947-7-1.

As noted in the Commitment for Amendments statement located on the back side of the title page, ULSE and CSA are committed to updating this harmonized standard jointly. However, the revisions dated April 17, 2026 will not be jointly issued by ULSE and CSA as these revision pages address removal of ANSI logo and approval, and also includes removing the ANCE logo from the title page and Preface. While ANCE continues to participate in the technical development of this trinational standard, the ANCE logo has been removed from the title page and Preface as standards cannot be formally published in Mexico at this time.

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January 27, 2017

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Preface

This is the harmonized CSA Group and ULSE standard for Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment – Terminal blocks for copper conductors. It is the first edition of CAN/CSA-C22.2 No. 60947-7-1, and the fourth edition of UL 60947-7-1. This edition of UL 60947-7-1 supersedes the previous edition(s) published on May 6, 2011.

This harmonized standard is based on IEC Publication 60947-7-1: Edition 2 (2002), Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment – Terminal blocks for copper conductors, as revised by corrigendum (March 2003). IEC 60947-7-1 is copyrighted by the IEC.

This harmonized standard was prepared by CSA Group and ULSE. The efforts and support of the Technical Harmonization Committee for Industrial Control Equipment, 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.

While ANCE continues to participate in the technical development of this trinational standard, the ANCE logo has been removed from the title page as standards cannot be formally published in Mexico at this time.

This Standard was reviewed by the CSA Subcommittee on Terminal Assemblies, under the jurisdiction of the CSA Technical Committee on Industrial Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee. This standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

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.

This is the CAN/CSA-C22.2 No. 60947-7-1 Standard for Safety for Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment – Terminal blocks for copper conductors. This CSA Group Part 1 is to be used in conjunction with the appropriate CSA Group Part 2 and 3, which contain clauses to supplement or modify the corresponding clauses in the Part 1, to provide relevant requirements for each type of product.

This is the UL Standard for Safety for Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment – Terminal blocks for copper conductors. This UL Part 1 is to be used in conjunction with the appropriate UL Part 2 and 3, which contain clauses to supplement or modify the corresponding clauses in the Part 1, to provide relevant requirements for each type of product.

Level of harmonization

This standard adopts the IEC text with national differences.

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

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All national differences from the IEC text are included in the CSA Group and ULSE versions of the standard. While the technical content is the same in each organization's version, the format and presentation may differ.

Reasons for differences from IEC

National differences from the IEC are being added in order to address safety and regulatory situations present in the US, Canada and Mexico.

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.

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National Differences from the text of International Electrotechnical Commission (IEC) Publication 60947-7-1, Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment – Terminal blocks for copper conductors, second edition (2002), are indicated by notations (differences) and are presented in bold text. The national difference type is included in the body.

There are five types of National Differences as noted below. The difference type is noted on the first line of the National Difference in the standard. The standard may not include all types of these National Differences.

DR – These are National Differences based on the **national regulatory requirements**.

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D2 – These are National Differences from IEC requirements based on existing **safety practices**. These requirements reflect national safety practices, where empirical substantiation (for the IEC or national requirement) is not available or the text has not been included in the IEC standard.

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Each national difference contains a description of what the national difference entails. Typically one of the following words is used to explain how the text of the national difference is to be applied to the base IEC text:

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