



**CSA C22.2 No. 61914:23**  
(IEC 61914:2021, MOD)  
National Standard of Canada



**CSA C22.2 No. 61914:23**  
**Cable cleats for electrical installations**  
(IEC 61914:2021, MOD)



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# *National Standard of Canada*

## **CSA C22.2 No. 61914:23** ***Cable cleats for electrical*** ***installations*** *(IEC 61914:2021, MOD)*

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# CSA C22.2 No. 61914:23

## ***Cable cleats for electrical installations***

### *(IEC 61914:2021, MOD)*

## ***CSA Preface***

This is the first edition of CSA C22.2 No. 61914, *Cable cleats for electrical installations*, which is an adoption, with Canadian deviations, of the identically titled IEC (International Electrotechnical Commission) Standard 61914 (third edition, 2021-10). It is one in a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*.

For brevity, this Standard will be referred to as “CSA C22.2 No. 61914” throughout.

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

This Standard was reviewed for Canadian adoption by the CSA Integrated Committee on Wiring Devices, 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 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.

**Interpretations:** The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: “The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant CSA committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle.”

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### CABLE CLEATS FOR ELECTRICAL INSTALLATIONS

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IEC 61914 has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories. It is an International Standard.

This third edition cancels and replaces the second edition published in 2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) requirements for mandrels used in testing rationalised and detailed in the general test requirements ([Clause 5](#));
- b) definition of liner added and test requirements where liners and other optional parts are used;
- c) definitions for LV, MV and HV cables added and test requirements where MV & HV cable are used;
- d) new corrosion resistance classes for plated products added;
- e) new requirements and test for durability and legibility of markings added;
- f) new test requirements for axial load testing of cleats for more than one cable added;
- g) lateral load test requirements for intermediate restraints added.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
23A/976/FDIS	23A/982/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

In this standard, the following print types are used:

- requirements proper: in roman type;
- *test specifications: in italic type;*
- notes: in smaller roman type.

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**DV.1** Modification by adding the following text at the end of the IEC Foreword:

*The numbering system in this Standard uses a space instead of a comma to indicate thousands and uses a comma instead of a period to indicate a decimal point. For example, 1 000 means 1,000 and 1,01 means 1.01.*

# CSA C22.2 No. 61914:23

## Cable cleats for electrical installations


### 1 Scope


This International Standard specifies requirements and tests for cable cleats used for securing cables in electrical installations and for intermediate restraints used for holding cables together in formation in electrical installations. Cable cleats provide resistance to electromechanical forces where declared. This document includes cable cleats that rely on a mounting surface specified by the manufacturer for axial and/or lateral retention of cables.

Various types of cable cleats and intermediate restraints are shown in [Annex A](#).

**NOTE** Requirements for manufacturers in this document also apply to importers and responsible vendors where appropriate.


This document does not apply to cable ties.

 **1DV** Replace Clause 1 with the following:


 **1.1DV**

*This Standard specifies requirements and tests for*


- a) *cable cleats that provide resistance to electromechanical forces;*
- b) *cable cleats that are used for securing cables in electrical installations;*
- c) *intermediate restraints that are used for holding cables together in formation in electrical installations; and*
- d) *cable cleats and intermediate restraints that are installed in accordance with CSA C22.1 (CE Code, Part I).*

 **1.2DV**


*This Standard includes cable cleats that rely on a mounting surface specified by the manufacturer for axial and lateral retention of cables.*

 **1.3DV**


*This Standard does not apply to cablebus (which are covered in CSA C22.2 No. 273).*

 **1.4DV**

*This Standard does not apply to metallic or nonmetallic cable ties (which are covered in CSA C22.2 No. 62275).*

 **1.5DV**

*This Standard does not apply to devices without a short-circuit current rating such as wire or cable management clamps, clips, hangers, mounts, positioning devices, staples, straps, or similar devices (which are covered in CSA C22.2 No. 18.4 and CSA C22.2 No. 18.5).*

 **1.6DV**

*Various types of cable cleats and intermediate restraints are shown in [Annex A](#).*

**Note:** Requirements for manufacturers in this Standard also apply to importers and responsible vendors, where appropriate.