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C22.2 No. 18.5-13

Positioning devices

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Second Edition



Underwriters Laboratories Inc.
UL 1565
Fifth Edition

Positioning Devices

January 25, 2013



ANSI/UL 1565-2013

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Preface

This is the harmonized CSA Group and UL Standard for Positioning Devices. It is the second edition of CSA C22.2 No. 18.5, and the fifth edition of UL 1565. This edition of CSA-C22.2 No. 18.5 supersedes the previous edition published in 2002. This edition of UL 1565 supersedes the previous edition published in 2002.

This harmonized Standard was prepared by Underwriters Laboratories and CSA Group. The efforts and support of the members of the Technical Harmonization Committee, which includes end product manufacturers and material suppliers, 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 Technical Subcommittee on ICCM03-Fittings, Hardware and Positioning Devices, under the jurisdiction of the Technical Committee on Wiring Products, and has been formally approved by the Technical Committee.

This standard has been approved by the American National Standards Institute (ANSI) as an American National Standard.

Where reference is made to a specific number of samples to be tested, the specified number is 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 is published as an equivalent standard for CSA and UL. An equivalent standard is a standard that is substantially the same in technical content except as follows. Technical deviations are allowed for Codes and Governmental Regulations, and 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.

Interpretations

The interpretation by the SDO (Standards Development Organization) of an equivalent standard shall be based on the literal text to determine compliance with the standard in accordance with the procedural rules of the SDO. If more than one interpretation of the literal text has been identified, a revision shall be proposed as soon as possible to each of the SDOs to more accurately reflect the intent.

CSA Group effective date

The effective date for CSA Group will be announced through CSA Informs or a CSA Group certification notice.

UL effective date

As of June 1, 2014, all products Listed or Recognized by UL must comply with the requirements in this standard.

Between January 25, 2013 and June 1, 2014, new product submittals to UL may be evaluated under all requirements in this standard or, if requested in writing, evaluated under presently effective requirements only. The presently effective requirements are contained in the fourth edition of UL 1565.

A UL effective date is one established by Underwriters Laboratories Inc. and is not part of the ANSI approved standard.

1 Scope

1.1 This standard applies to those metallic and nonmetallic devices used for positioning – which may include bundling and securing – or to a limited extent supporting cable, wire, conduit, or tubing of a wiring system in electrical installations, to reduce the risk of fire, electric shock, or injury to persons. This standard applies to, but is not limited to, cable clamps, cable and conduit clips, and non-raceway wiring ducts.

1.2 These requirements do not apply to cable ties or cable tie accessories, coated electrical sleeving, extruded insulating tubing, metallic or nonmetallic raceways or woven flexible nonmetallic tubing (fiber loom) employed as mechanical protection for insulated wires or equipment covered by other standards or requirements.

Note 1: Cable ties and cable tie accessories are covered in the Standard for Cable Ties for Electrical Installations, CAN/CSA-C22.2 No. 62275 or UL 62275.

Note 2: Nonmetallic Mechanical Protective Tubing (NMPT) is covered in the Standard for Nonmetallic Mechanical Protective Tubing (NMPT), CSA C22.2 No. 227.3 or UL 1696.

1.3 These requirements do not apply to any mechanical protection or electrical insulation that is provided by these devices.

1.4 These requirements do not apply to hardware for the support of conduit, tubing, and cable from a building structure, such as hangers, staples, straps, and similar devices for installation in accordance with the National Electrical Code, NFPA 70, and the Canadian Electrical Code (CE Code) Part I.

Note: Hardware for the support of conduit, tubing, and cable from a building structure such as hangers, staples, straps, and similar devices for installation in accordance with the National Electrical Code, NFPA 70, and the Canadian Electrical Code (CE Code) Part I are covered in the Standard for Hardware for the Support of Conduit, Tubing, and Cable, CSA C22.2 No. 18.4 or UL 2239.

1.5 In Canada, the requirements in this standard generally address class of workmanship in accordance with the Canadian Electrical Code (CE Code) Part 1, and where applicable, minor combustible components in the National Building Code of Canada.

2 Dated and undated references

2.1 For undated references to Standards, such references shall be considered to refer to the latest edition and all amendments to that edition up to the time when this Standard was approved. For dated references to Standards, such references shall be considered to refer to the dated edition and all amendments published up to the time the Standard was approved.

3 Normative references

CSA Group Standards

C22.1-12

Canadian Electrical Code, Part I

CAN/CSA-C22.2 No. 0-10

General Requirements – Canadian Electrical Code, Part II