UL 489C

STANDARD FOR SAFETY

Flatiron and Appliance Plugs

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UL Standard for Safety for Flatiron and Appliance Plugs, UL 489C

First Edition, Dated April 28, 2017

Summary of Topics

This document is the First Edition of the Standard for Appliance and Flatiron Plugs, ANSI/UL 498C

The new requirements are substantially in accordance with Proposal(s) on this subject dated November 4, 2016.

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CSA Group
CSA C22.2 No. 57
First Edition

Underwriters Laboratories Inc.
UL 498C
First Edition

Flatiron and Appliance Plugs

April 28, 2017

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PREFACE

This is the harmonized CSA Group and UL standard for Appliance and Flatiron Plugs. It is the First edition of CAN/CSA-C22.2 No. 57, and the First edition of UL 498C.

This harmonized standard was prepared by the CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the Technical Harmonization Subcommittee for Switch and Outlet Boxes, THSC 23B-1, 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 Wiring Devices, under the jurisdiction of the CSA Technical Committee on Wiring Devices 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 approved by the American National Standards Institute (ANSI) as an American National Standard.

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.

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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Flatiron and Appliance Plugs

INTRODUCTION

1 Scope

1.1 These requirements cover flatiron and appliance plugs intended for use on cord-connected portable cooking or heating appliances rated up to 20 A, 250 Volts or less, intended for use in ordinary non-hazardous locations – all intended for connection to a branch circuit for use in accordance with the National Electrical Code, NFPA 70 and the Canadian Electrical Code, Part I, CSA C22.1-15.

1.2 This Standard does not directly apply to the following devices, but may be used to supplement the requirements within these standards when a device is evaluated to these standards:

a) Devices produced integrally with flexible cord or cables that are covered by the Standard for Cord Sets and Power-Supply Cords, UL 817;

b) Devices intended for connection to the branch circuit, such as attachment plugs, cord connectors, receptacles, inlets, and outlets, which are covered by the Standard for Attachment Plugs and Receptacles, UL 498;

c) Devices solely intended for direct connection to the branch circuit in accordance with the National Electrical Code, NFPA 70, and that are provided with contacts of the pin and sleeve type, that are covered by the Standard for Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type, UL 1682;

d) Devices consisting of wiring terminals and supporting blocks intended for the connection of wiring that are covered by the Standard for Terminal Blocks, UL 1059;

e) Devices such as wire connectors and soldering lugs that are covered by the Standard for Wire Connectors, UL 486A-486B; the Standard for Splicing Wire Connectors, UL 486C; or the Standard for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors, UL 486E;

f) Devices such as quick-connect terminals that are covered by the Standard for Electrical Quick-Connect Terminals, UL 310; or

g) Devices such as appliance couplers that are covered by the Standard for Appliance Couplers for Household and Similar General Purposes – Part 1: General Requirements, UL 60320-1.

2 Reference Publications

2.1 Products covered by this Standard shall comply with the referenced installation codes and standards noted in this clause as appropriate for the country where the product is to be used. When the product is intended for use in more than one country, the product shall comply with the installation codes and standards for all countries where it is intended to be used.

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