UL 2438

STANDARD FOR SAFETY

Outdoor Seasonal-Use Cord-Connected Wiring Devices

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UL Standard for Safety for Outdoor Seasonal-Use Cord-Connected Wiring Devices, UL 2438

Third Edition, Dated December 18, 2024

Summary of Topics

This new Third Edition of ANSI/UL 2438 dated December 18, 2024 includes aligning requirements related to Reese's Law in UL 4200A in a new Section 14 and revised Annex A. This new edition also includes the editorial maintenance, including renumbering and reformatting to align with current styles.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated September 6, 2024.

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UL 2438

Standard for Outdoor Seasonal-Use Cord-Connected Wiring Devices

First Edition – June, 2006
Second Edition – November, 2014

Third Edition

December 18, 2024

This ANSI/UL Standard for Safety consists of the Third Edition.

The most recent designation of ANSI/UL 2438 as an American National Standard (ANSI) occurred on December 18, 2024. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

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INTRODUCTION

1 Scope

1.1 The requirements of this Standard cover outdoor seasonal-use cord-connected wiring devices that are intended for temporary outdoor use – not to exceed 90 days – with outdoor equipment, Christmas-tree, and other seasonal decorative-lighting outfits. Some outdoor seasonal-use cord-connected wiring devices employ additional devices such as photoelectric sensors, fuses, supplementary protectors, timers, audio, flasher control or synchronized features. Products employing additional devices shall meet the intent and testing described in this Standard.

1.2 These requirements only cover devices of the 2-pole, 3-wire, 5-15 configuration as shown in Wiring Devices – Dimensional Specifications, NEMA WD6.

1.3 These requirements cover devices with remote control features in Section 11, Devices Employing Remote Control Features. Compliance with the Standard for Automatic Electrical Controls – Part 1: General Requirements, UL 60730-1, and/or the applicable Part 2 standard from the UL 60730 series fulfills these requirements.

1.4 These requirements cover devices with audio features that comply with the Standard for Audio, Video, and Similar Electronic Apparatus – Safety Requirements, UL 60065, or the Standard for Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements, UL 62368-1. See Devices Employing Audio Features, Section 12.

1.5 These requirements are intended to be used with the Standard for Cord Sets and Power-Supply Cords, UL 817.

2 Components

2.1 Except as indicated in 2.2, a component of a product covered by this Standard shall comply with the requirements for that component. See Annex A for a list of standards covering components generally used in the products covered by this Standard.

2.2 A component is not required to comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this Standard; or

b) Is superseded by a requirement in this Standard.

2.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

3 Units of Measurement

3.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

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