# UL 2367

## STANDARD FOR SAFETY

Solid State Overcurrent Protectors

UL Standard for Safety for Solid State Overcurrent Protectors, UL 2367

Second Edition, Dated April 19, 2021

***SUMMARY OF TOPICS***

***This revision of ANSI/UL 2367 dated March 3, 2026 includes the following changes in requirements:***

***– Removal of 5A limitation; 1.6***

***– Addition of new general performance section; 5.3A, Section 10A, 11.2, 12.2, 13.2, 16.1, and 17.1.***

***– Updated Calibration Test; 11.1, 11.6, Table 11.3, and 11.8***

***– Update to the shipping and storage temperature range; 14.2, Table 14.1, 21.1, and 22.3.***

***– Sample verification after the Long-Term Abnormal Test; 18.1 and 18.3.***

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated September 12, 2025 and January 23, 2026.

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**ANSI/UL 2367-2026**

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# UL 2367

# Standard for Solid State Overcurrent Protectors

First Edition – December, 2009

**Second Edition**

**April 19, 2021**

This ANSI/UL Standard for Safety consists of the Second Edition including revisions through March 3, 2026.

The most recent designation of ANSI/UL 2367 as an American National Standard (ANSI) occurred on March 3, 2026. 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 This standard covers solid-state overcurrent protectors. These devices are solid-state switches that limit the output current to a safe level when the output load exceeds the current-limit threshold or when a load-side short-circuit is present. Solid-state overcurrent protectors are intended to be used on the load-side of an isolating transformer, power supply or battery to provide a means of supplementary protection. See Table 1.1 for maximum current and power levels.

**Table 1.1**
**Maximum Current and Power Levels**

| Output voltage ($V_{oc}$) | | Output current ($I_{sc}$) | |
|---|---|---|---|
| $V_{ac}$ | $V_{dc}$ | A | (V × A) |
| ≤ 20 | ≤ 20 | ≤ 1000 / $V_{oc}$ | ≤ 250 |
| 20 ≤ $V_{oc}$ ≤ 30 | 20 ≤ $V_{oc}$ ≤ 30 | ≤ 1000 / $V_{oc}$ | ≤ 250 |
| – | 30 ≤ $V_{oc}$ ≤ 60 | ≤ 1000 / $V_{oc}$ | ≤ 250 |

1.2 The devices covered by these requirements are integrated circuits, and electrical spacings within the devices are not specified.

1.3 The devices covered by these requirements are entirely electronic in nature and have no means for mechanical operation or reset.

1.4 The terminals of the devices covered by these requirements are for factory wiring only (intended to be mounted on a printed wiring board).

1.5 This Standard also covers devices intended to be used as limited power source current limiters in accordance with UL 62368-1, Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements, and UL 60950-1, Information Technology Equipment – Safety – Part 1: General Requirements. These devices limit output currents to values less than the protective current rating of 5 amperes and a maximum output power of 100 VA.

1.6 *Deleted*

1.7 The devices covered by these requirements have only been evaluated for supplementary overcurrent protection of secondary circuits supplied by the load side of a transformer, power supply or battery and have not been evaluated for branch-circuit protection.

1.8 This Standard may cover devices intended for use in telecommunications applications. However, devices intended for connection to telecommunications networks with outside plant connections should be evaluated in the end-use in accordance with the requirements of the Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1, the Standard for Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements, UL 62368-1, or the Standard for Secondary Protectors for Communication Circuits, UL 497A, as appropriate.

1.9 This Standard also covers solid-state overcurrent protectors that are identified as providing Class 2 limitations as defined in the National Electrical Code, NFPA 70. See Section 10, Class 2 Limitations per NFPA 70, Article 725.

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## 2 Components

2.1 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.

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

2.3 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.

## 4 Referenced Publications

4.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

4.2 The following publications are referenced in this Standard:

National Electrical Code, NFPA 70

UL 497A, Secondary Protectors for Communication Circuits

UL 746B, Polymeric Materials – Long Term Property Evaluations

UL 746C, Polymeric Materials – Use in Electrical Equipment Evaluations

UL 1310, Class 2 Power Units

UL 5085-3, Class 2 Transformers

UL 60950-1, Information Technology Equipment – Safety – Part 1: General Requirements

UL 62368-1, Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements

## 5 Glossary

5.1 For the purpose of this Standard, the following definitions apply:

5.2 AMBIENT TEMPERATURE – The temperature of the surrounding air that comes in contact with the solid-state overcurrent protector.

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