

STANDARD INFORMATION

Standard: UL 1449

Standard ID: Surge Protective Devices [UL 1449:2021 Ed.5+R:15Dec2022]

Previous Standard ID: Surge Protective Devices [UL 1449:2021 Ed.5]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **April 1, 2025**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes: Temperature Testing of Plug Blades in Direct Plug-In SPDs. Specific details of new/revised requirements are found in table below.

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
37	Info	Supplementary Overcurrent Protector Temperature Test <i>New clause added;</i> The device is to be connected to a power supply at rated voltage by means of a 300 mm (12 inch) or greater length of Type TW, Type RH, or equivalent building wire. The lead-in wires are to be soldered to the blades. The wire size and type are to be determined using the appropriate value for the device's current rating from Table 310-16 of the National Electrical Code, ANSI/NFPA 70, as follows: a) Ampacities for copper conductors temperature rated at 60°C (140°F) for a receptacle rated 100 A or less for use on copper conductors only. b) Ampacities for copper conductors temperature rated at 75°C (167°F) for a receptacle rated greater than 100 A for use on copper conductors only.
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