

STANDARD INFORMATION

Standard Number: CSA C22.2 No. 269.1

Standard Name: Surge protective devices - Type 1 - Permanently connected

Standard Edition and Issue Date: 2nd Edition Dated February 1, 2017

Date of Revision: February 1, 2017

Date of Previous Revision of Standard: November 11, 2014

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 20, 2020**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

Overview of Changes: The impedance test now specifically requires that the test be conducted at 500A for 10 minutes. Specific details of new/revised requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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 underlined and deletions are shown lined out below.</i>		
6	Info	Tests
6.14	Info	Bonding impedance test
6.14.1		One sample of each bond shall be tested to CSA C22.2 No. 0.4, Clause 4.1 <u>with a 60 Hz, 500 A current for a duration of 10 min.</u>
		<i>New clause added;</i>
6.14.3		The test shall be conducted by passing the current from a part to be bonded to the bonding terminal means and measuring the potential drop between them at the end of the 10 minute period.
		<i>New clause added;</i>
6.14.4		The measured potential drop shall not exceed 4 V, and there shall be no melting of any metal in the bond and no heating or burning that is likely to create a fire hazard.
CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.		