STANDARDS UPDATE NOTICE (SUN)
ISSUED: August 23, 2019

STANDARD INFORMATION

Standard Number: UL 1283
Standard Name: Electromagnetic Interference Filters
Standard Edition and Issue Date: 7th Edition Dated May 17, 2017
Date of Revision: June 5, 2018
Date of Previous Revision of Standard: May 17, 2017

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 1, 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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: Addition of overload testing requirements when integral over temperature protection is provided. 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.

STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
29	Info	**Overload**
29.2.1		***New clause added;*** For a filter with integral over temperature protection, the following tests shall be performed: a) One sample with the integral over temperature protection left in the circuit, and the product cooled to the lowest rated ambient temperature rating, shall be subjected to an overload current of 135% of the current rating of the maximum size branch circuit to which the filter can be properly connected. The overload test current is to be applied for 1 h for test currents up to 81 A and 2 h for test currents greater than 81 A, or until the over temperature protection opens the circuit. A thermocouple shall be placed on the over temperature protection and the maximum temperature measured. The condition of the over temperature protection after the test shall be observed and shall not show any evidence of damaged. The maximum temperatures measured shall be less than or equal to the Functioning Temperature of the over temperature protection device with a tolerance of +5°C (+9°F); b) One sample with the integral over temperature protection shunted out or removed from the circuit, the overload current is to be 150% of the current rating of the over temperature protection. The overload test current is to be applied for 1 h for test currents up to 81 A and 2 h for test currents greater than 81 A. The product shall not show evidence of ignition, sealant leakage, cracking, breakage, or similar physical damage.
		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.