

STANDARD INFORMATION

Standard Number: UL 498A

Standard Name: Current Taps and Adapters

Standard Edition and Issue Date: 2nd Edition dated January 23, 2008

Date of Revision: July 2, 2019 and August 2, 2019

Date of Previous Revision of Standard: June 10, 2016

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **All products must comply with the August 2, 2019 revision prior to March 10, 2021**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revise 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

Overview of Changes: Addition of new construction requirement for adapters for dryer and range outlets to accept 6-15P configuration. Specific details of new/revise requirements are found in table below.

July 2, 2019

- Addition of new construction requirement for adapters for dryer and range outlets to accept 6-15P configuration

August 2, 2019

- Revision of adapters of unequal amperage

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/revise paragraphs noted in the attached or explain why these new/revise 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
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Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.

The following changes reflect the July 2, 2019 revision
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8	Info	Installation Instructions
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8.6	Info	Adapters for dryer and range outlets
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8.6.1		<p>A device whose purpose is to adapt either a dryer receptacle having a 14-30R configuration or a range receptacle having a 14-50R configuration to mate with a grounding-type attachment plug having a 5-15P <u>or 6-15P</u> configuration shall be additionally provided with installation instructions or the smallest unit container of the device shall be marked that include the words, "CAUTION – Risk of fire or electric shock. Do not use with appliances that block access to the outlet for disconnection."</p>
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16	Info	Adapters
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16.5		<p>A device whose purpose is to adapt a dryer receptacle having a 14-30R configuration to mate with a grounding-type attachment plug having a 5-15P <u>or 6-15P</u> configuration shall comply with all of the following:</p> <p>a) Conductively connect the blade that is marked G in the 14-30 configuration drawing in Wiring Devices – Dimensional Specifications, ANSI/NEMA WD6, to the outlet contact that is marked G in the 5-15 <u>or 6-15</u> configuration drawing in ANSI/NEMA WD6;</p> <p>b) Conductively connect the blade that is marked W in the 14-30 configuration drawing in ANSI/ NEMA WD6, to the outlet contact that is marked W in the 5-15 configuration drawing in ANSI/ NEMA WD6;</p> <p>c) Provide fuse protection rated at no greater than 15 amperes to each ungrounded outlet contact in the 5-15 <u>or 6-15</u> configuration drawing in ANSI/NEMA WD6; and</p> <p>d) Be provided with installation instructions in accordance with 8.6.1.</p>
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CLAUSE	VERDICT	COMMENT
The following changes reflect the August 2, 2019 revision		
6	Info	Ratings
6.2		<p>A device shall be rated in amperes and volts. Where the blade configuration of the device is one of the standard configurations in accordance with Wiring Devices – Dimensional Specifications, ANSI/NEMA WD6, or with the Standard for Wiring Device Configurations, UL 1681, the device shall be given only the rating shown in the configuration. Otherwise, the device shall be given one or more of the ratings in Table 6.1. See 6.1 and 6.3.</p> <p>Exception No. 1: Devices where the male configuration amperage rating is greater than the female configuration amperage rating or devices having a lower current rating than that shown in the configuration meet the intent of the requirement when provided with fuse protection <u>integral to the adapter</u>. See Exception No. 3 of 15.4.4.</p>
15	Info	Assembly
15.4	Info	Mating and interchangeability
15.4.4		<p>Devices that have different electrical ratings shall not be interchangeable with one another.</p> <p>Exception No. 3: Devices where the male configuration amperage rating is greater than the female configuration amperage rating and that are provided with fuse protection <u>integral to the adapter</u> as described in Exception No. 1 to 6.2, are not prohibited from mating with corresponding devices having a standard current rating and the identical voltage rating.</p>
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.		