STANDARDS UPDATE NOTICE (SUN)
ISSUED: March 14, 2025

STANDARD INFORMATION

Standard: UL 498
Standard ID: Attachment Plugs and Receptacles [UL 498:2017 Ed.16+R:20Jun2024]
Previous Standard ID: Attachment Plugs and Receptacles [UL 498:2017 Ed.16+R:31May2023]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 20, 2026**

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 Reports not updated to this version by the effective date above will be withdrawn.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:

- Requirements for receptacle grounding terminal
- 15 & 20 A Receptacle Conductor Markings

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.

STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.
29	Info	**Grounding and Dead Metal Parts**
29.1	Info	**General**
29.1.4		Only one grounding terminal shall be provided on a grounding-type receptacle. The grounding terminal of a grounding-type receptacle shall only accept a single grounding conductor and shall not serve as a connection point for two separate grounding conductors.
30	Info	**Terminals and Leads**
30.8	Info	**Receptacles intended for copper-clad aluminum conductor**
30.8.1		***New clause added;*** Unless conductor size (AWG) is otherwise specified on the device, individual package label, or instruction sheet, terminals of 15 A and 20 A receptacles intended for copper-clad aluminum conductor shall be capable of being assembled to 10 AWG solid copper-clad aluminum conductor. Compliance shall be checked by the Terminal Strength Test, Section 123 for receptacles employing: a) Wire-binding screws alone or in combination with push-in terminals; b) Pressure-wire terminals; or c) Wire-binding screws in combination with pressure-wire terminals.
123	Info	**Terminal Strength Test**
123.1		A flush or self-contained receptacle having a 5-15R, 5-20R, 6-15R, or 6-20R configuration, or a 20 ampere or less receptacle identified for use with copper-clad aluminum conductor, when tested as described in this section, shall not exhibit: a) Damage to the receptacle including but not limited to breakage of the housing, misalignment of contacts, or stripping of the terminal plates or damaging the slot head of the screws;
123.5		Each terminal is to be wired with 12 AWG (3.3 mm2) solid copper conductor by applying the tightening torque as specified in Table 123.3 to the terminal screw. Unless conductor size (AWG) is otherwise marked on the device, individual package label, or instruction sheet, a receptacle identified for use with copper-clad-conductor shall be assembled to a 10 AWG solid copper or copper-clad conductor. The wire is to be stripped to the length specified in the manufacturer's installation instructions. Wire-binding screw terminals are to be wired by placing the stripped conductor under the screw head and wrapping it 2/3 – 3/4 turn around the screw. Pressure-wire terminals are to be wired by placing the stripped conductor into the

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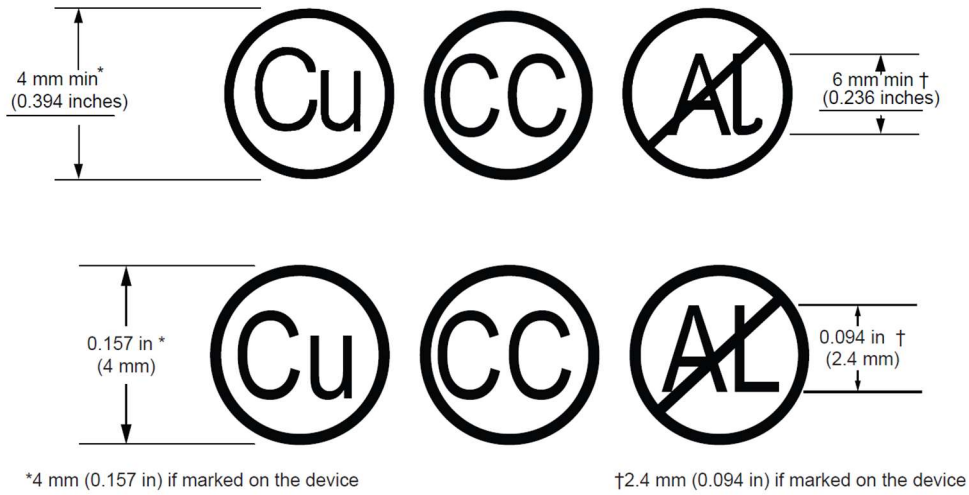
		terminal. The conductor is to be seated to follow any wire guides or other openings provided to align the conductor with the back of the receptacle housing. The terminal screw is to be tightened with a clutch-type torque screwdriver which has been calibrated and preset to release at the specified value. The receptacle shall comply with 123.1(a) upon completion of this procedure.
	Info	**MARKINGS AND INSTRUCTIONS**
193	Info	**General**
193.1	Info	**Details**
193.1.6A		***New clause added;*** If a symbol marking shown in Table 193.4, Reference No. 22, is used the marking shall be legible, with letters at least 1.6 mm (1/16 inch) high. When molded, the circles and bar of the marking Figure 193.1A shall be formed by lines that have twice the width and thickness of the lines used for the letters.
Figure 193.1A		***New figure added;*** **Symbols**  *4 mm (0.157 in) if marked on the device †2.4 mm (0.094 in) if marked on the device