

## STANDARD INFORMATION

**Standard:** UL 514D / CSA C22.2 No. 42.1

**Standard ID:**

Cover Plates for Flush-Mounted Wiring Devices [UL 514D:2013 Ed.2+R:18May2023]

Cover Plates for Flush-Mounted Wiring Devices [CSA C22.2#42.1:2013 Ed.2+U1;U2;U3]

**Previous Standard ID:**

Cover Plates for Flush-Mounted Wiring Devices [UL 514D:2013 Ed.2+R:15May2020]

Cover Plates for Flush-Mounted Wiring Devices [CSA C22.2#42.1:2013 Ed.2+U1;U2]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **May 18, 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 Reports not updated to this version by the effective date above will be withdrawn.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:**

- Added New Annex E for Spring-Tensioned Contacts for Illuminated Cover Plates
- Cover Plate Material (Nonmetallic) over the Face of a Receptacle
- Revisions to Hot Wire Ignition method and the Glow-Wire Resistance Test
- Spray Direction When Performing the Resistance to Moisture Tests
- Exposed Surface Areas of Hoods

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined-out</del> below.</i>
4	Info	<b>General Requirements</b>  A cover plate or outlet box hood that is used with a receptacle shall not hinder the complete seating of an attachment plug of the type intended for use with the receptacle.  <u>Exception: A kit or assemblies encompassing receptacles and nonmetallic faceplates that cover the receptacle face, where the plate cannot be installed on any other receptacle is permitted, provided all of the following conditions are met:</u>
4.3		<u>a) The receptacle and cover shall be produced by the same manufacturer and evaluated as an assembly,</u> <u>b) The assembly shall be evaluated for compliance to requirements in this Standard, and also the Standard for Attachment Plugs and Receptacles, UL 498;</u> <u>c) The receptacle and cover shall be permanently attached or uniquely constructed by employing two keying methods to prevent securement of the non-metallic cover to any other receptacle; and</u> <u>d) The assembly shall be marked in accordance with 5.1.5, and provided with installation instructions in accordance with 5.5.6.</u>
		<b><i>New clause added;</i></b>
4.6		The cover plate may be constructed of one or more parts to complete the kit or assembly.
5	Info	<b>Marking and Instructions</b>
5.1	Info	<b>General marking</b>  <b><i>New clause added;</i></b>
5.1.5		Assemblies encompassing receptacles and nonmetallic covers of the construction described in the Exception to 4.3, but which are not permanently attached receptacle/cover assemblies, shall be clearly and indelibly marked “CAUTION – Risk of Electric Shock or Fire Replace Receptacle only with Receptacle Model/Catalog Number _____”, “Replace Receptacle only with Manufacturer's Specified Direct Replacement Receptacle (as Identified on Receptacle)” or the equivalent. The wording in parentheses is optional.



CLAUSE	VERDICT	COMMENT
5.5	Info	<b>General installation instructions</b> <i>New clause added;</i>
5.5.6		Assemblies encompassing receptacles and nonmetallic receptacle covers that employ a construction as described in the Exception to 4.3 shall be provided with installation instructions for replacing the receptacles that include specific replacement receptacle specifications. The instructions shall also contain the following: “CAUTION – Risk of Electric Shock or Fire – Replace Receptacle only with Receptacle Model/Catalog Number _____”, “Replace Receptacle only with Manufacturer's Specified Direct Replacement Receptacle (as Identified on Receptacle)” or the equivalent. The wording in parentheses is optional.
7	Info	<b>Nonmetallic cover plates and outlet box hoods</b>
7.3	Info	<b>Resistance to ignition tests for cover plates</b> <i>New clause added;</i>
7.3.8		The resistance to ignition tests for cover plates shall be conducted using finished cover plates or samples of material representative of finished cover plates. Testing both the finished cover plates and cover plate material samples is not required. Therefore when required, only one of the resistance to ignition tests, either the glow-wire resistance to ignition test or the hot-wire resistance to ignition, is to be conducted. <i>New clause added;</i>
7.3.9		A finished cover plate shall not ignite in less than 30 seconds when tested for glow-wire resistance to ignition as described in 7.3.10. <i>New clause added;</i>
7.3.10		To test a sample of the material of the cover plate, two 12.7 mm x 127 mm (0.50 x 5.0 inches) specimens of the material in sheet form, having a thickness not more than the minimum thickness used for the cover plate, shall be tested in accordance with the requirements for glow-wire resistance to ignition described in UL 746A or CSA-C22.2 No. 0.17. To test a finished sample of the cover plate, the cover plate shall be tested in accordance with the glow-wire end-product test in UL 746A or CSA-C22.2 No. 0.17. <i>New clause added;</i>
7.3.11		A finished cover plate of phenolic or urea composition with a minimum thickness of 2.54 mm (0.1 inches) is not required to be tested. <i>New clause added;</i>
7.3.12		A polymeric material sample, representing a cover plate, shall not ignite in less than 15 seconds when tested for hot-wire resistance to ignition as described in 7.3.13.



CLAUSE	VERDICT	COMMENT
		<b><i>New clause added;</i></b>
7.3.13		Three 12.7 mm x 127 mm (0.50 x 5.0 inches) samples of the polymeric cover plate material in sheet form having a thickness of not more than the minimum thickness used for the cover plate shall be tested in accordance with the requirements for hot-wire ignition described in UL 746A and CSA-C22.2 No. 0.17.
8	Info	<b>Wet and Damp Locations</b>
8.1	Info	<b>Resistance to moisture</b>
		<b><i>New clause added;</i></b>
8.1.7		An outlet box hood permitted to be marked "extra duty" according to 5.3.8 and intended to be used with a raceway-supported enclosure, shall always be subjected to the resistance to moisture tests specified in 8.1.9 and 8.1.10 with the spray directed at the front of the test assembly and then repeated on a previously untested sample, with the spray directed at the rear of the assembly.
8.9		<b>Impact resistance for outlet box hoods</b>
8.9.1		<b>General</b>
8.9.1.1A		When it is evident after mounting and positioning an outlet box hood as described in Clause 8.9.2 and Clause 8.9.3, that there is inadequate exposed surface on an outlet box hood for the impact load to strike due to the products design profile, the test is not required to be conducted.  <u>Outlet box hoods intended to be marked "Extra-Duty" per 5.3.8 shall be tested for impact resistance without exception.</u>
10	Info	<b>illuminating Cover Plates For Flush-Mounted Wiring Devices</b>
		<b><i>New clause added;</i></b>
10.2		An illuminating cover plate with spring-tensioned contacts as defined in Annex E, for flush-mounted receptacles, shall be additionally evaluated in accordance with Annex E.
		<b><i>New annex added;</i></b>
		<b>Spring-Tensioned Contacts for Illuminating Cover Plates For Flush-Mounted Receptacles</b>
Annex E		The requirements in this Annex for spring-tensioned contacts apply to cover plates designed for making electrical contact to the lower wire-binding screws on the sides of a standard, grounded-type, duplex receptacle with a standard center screw for affixing the cover plate, with the bottom of the plate installed toward the ground-pin side of the receptacle.  See standard for details.