

Subject 514D

September 21, 2018

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Cover Plates for Flush-Mounted Wiring Devices, UL 514D, are being proposed for preliminary review and comment only:

1. For Preliminary Review Only: Illuminating Cover Plates For Flush-Mounted Wiring Devices

COMMENTS DUE: October 22, 2018

This proposal is for review and comment only (no ballot at this time). Please note that comments on a preliminary review document will not receive a response from the proposal author through CSDS. Instead, the proposal author will be asked to review the comments and adjust the proposals and/or supporting rationale as the author determines to be appropriate. The preliminary review process is an informal mechanism that provides authors with the opportunity to refine their proposals before they advance to the next stage in UL's standards development process.

In some cases, the author of the proposals may choose to discontinue them. In this case, the author need not do anything after preliminary review has ended. Normally, the next step in the process is the more formal STP ballot and stakeholder review process. Only comments posted during the STP ballot and stakeholder review process will be provided with a response in CSDS.

UL's goal is to have no interest category comprise more than one-third of the STP membership balance. To improve the current balance for STP 514D, UL is looking for participants in the Supply Chain, Commercial / Industrial Users, General, AHJ, Government, Testing and Standards, Consumer and International Delegate interest categories. Definitions for these interest categories are available on the Standards STP Internet site:

<http://ulstandards.ul.com/develop-standards/participation/interest-categories/>

If you are interested in applying for STP 514D membership or are aware of potential candidates for this STP, please contact the STP Project Manager, Joshua.Johnson@ul.com.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. For Preliminary Review Only: Illuminating Cover Plates For Flush-Mounted Wiring Devices

RATIONALE

Proposal submitted by: David Lutz, Hubbell Inc

The following revision is proposed to clarify the acceptable methods of connection of an illuminated cover plate to the branch circuit. The current standard "implies" that terminals or leads are acceptable without specifically stating so. There have been several proposals for "alternate" connection methods that were defeated for a multitude of safety reasons. This proposal outlines acceptable and not acceptable methods of connection to the branch circuit using NEC-compliant methods

PROPOSAL

B.3.5 Electrical Connection to branch circuit shall comply with the following:

- a) Field wiring terminals, push-in connections or supply conductors - See B.2.4; or
- b) Plug blades to attach to an outlet box mounted receptacle. The blade portion of the device shall comply with the blade dimensions specified in Wiring Devices – Dimensional Specifications, ANSI/NEMA WD 6.
- c) Constructions, including spring-biased contacts, that make electrical connection with the heads of wiring device wire binding screws are NOT permitted.

10.1 An illuminating cover plate shall be evaluated in accordance with Annex D ~~B~~.

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