

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Photovoltaic (PV) Module Safety Qualification – Part 1: Requirements for Construction, UL 61730-1, are being proposed:

1. Proposed Correction to the Grounding Symbol Referenced in the US National Difference to Clause 5.2.2.2.1.

STP BALLOTS AND ALL COMMENTS DUE: April 23, 2018

1. Proposed Correction to the Grounding Symbol Referenced in the US National Difference to Clause 5.2.2.2.1.

RATIONALE

Proposal submitted by: Kent Whitfield, UL LLC

The grounding symbol called out in the U.S. National Difference to clause 5.2.2.2.1 was incorrectly specified as symbol IEC 60417-5017. The correct reference should be IEC 60417-5019 as suggested by Figure 250.126 of the National Electrical Code.

5.2.2.2.1 Equipotential bonding

A wiring terminal or bonding location of a PV module intended to accommodate a field installed bonding conductor for equipotential bonding shall be identified with the appropriate symbol IEC 60417-5021 (DB:2002-10) (Figure 2)). Alternatively IEC 60417-5017 (Figure 1) can be used. No other terminal or location shall be identified in this manner.

Figure 1 – IEC 60417-5017



Figure 2 – IEC 60417-5021

5.2.2.2.1DV DE Modification by replacing the text of Clause 5.2.2.2.1 and Figure 1 with the following:

Equipment grounding

A wiring terminal or bonding location of a PV module intended to accommodate a field installed equipment grounding conductor for equipment grounding shall be identified with the appropriate symbol IEC 60417-5017 -5019 (Figure 1 1DV). No other terminal or location shall be identified in this manner.

Figure 1DV – IEC 60417-5019



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