

STANDARD INFORMATION

Standard: UL 1059

Standard ID: Terminal Blocks [UL 1059:2019 Ed.5+R:23Jun2020]

Previous Standard ID: Terminal Blocks [UL 1059:2019 Ed.5]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 23, 2022**

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.

Overview of Changes: Addition of requirements for special handling of delta-rated overcurrent protective devices. Specific details of new/revisted 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
Supplement SA	Info	SHORT CIRCUIT CURRENT RATINGS FOR TERMINAL BLOCKS GREATER THAN 10 kA
SA2	Info	Short-Circuit Current Evaluation
SA2.3	Info	Test Circuit and Procedure
SA2.3.2A		<i>New section added;</i>
		Special Handling of Delta-Rated Overcurrent Protective Devices
SA2.3.2A.1		Some multi-pole overcurrent protective devices (OPDs), such as manual motor protectors, self-protected starters and circuit breakers, have a delta voltage rating, e. g. 480Vac or 600Vac, but no rating for single phase applications. These devices are not intended to interrupt phase-to-phase voltages across a single pole. As a result, it is not possible to provide overcurrent protection during SCCR testing in the single-phase circuit. For these types of overcurrent protective devices, a three-phase SCCR test with a set of three single-pole terminals, or a three-pole terminal block, shall be conducted. A SCCR test for a three-phase application, performed with a three-pole OCPD, also covers a four-pole application, e.g. three phases plus neutral.
SA2.3.2A.2		The terminal block shall be tested with 3 adjacent poles, or a three-pole terminal block, connected to a three-phase supply.
SA2.3.2A.3		Terminal blocks are to be subjected to a single operation of closing the test circuit on the terminal block by means of any appropriate switching device using random closing.