

STANDARD INFORMATION

Standard: UL 1059

Standard ID: Terminal Blocks [UL 1059:2024 Ed.6]

Previous Standard ID: Terminal Blocks [UL 1059:2019 Ed.5+R:28Jul2022]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **December 11, 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 Reports not updated to this version by the effective date above will be withdrawn.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: Expanded Provisions for Evaluating Current-Limiting Breakers for Short-Circuit Ratings. Specific details of new/revisted requirements are found in table below.

Note: If the listing references a Canadian standard, per the Canadian Electrical Code (CSA C22.2#0) Section titled Language of markings, Caution and Warning Markings shall be in English and French.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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 lined-out below.</i>
Annex A	Info	Short Circuit Current Ratings for Terminal Blocks Greater Than 10 kA
A2	Info	Short-Circuit Current Evaluation
A2.1	Info	Selection of protective device
		<p>If the specified protective device related to the short circuit current rating is a circuit breaker marked current-limiting, a different current-limiting circuit breaker may be substituted for the specified circuit breaker and maintain the same short circuit current rating if the peak let-through current (I_p) and I_{2t} of the substitute current-limiting circuit breaker is not greater than that of the specified circuit breaker.</p> <p>1) A current-limiting circuit breaker is one that does not employ a fusible element and, when operating within its current-limiting range, limits the let through I_{2t} to a value less than the I_{2t} of a 1/2-cycle wave of the symmetrical prospective current.</p> <p>2) See published let-through values for current-limiting circuit breakers provided by the manufacturer. Figure SA2.1 may be used to assist in determining the peak let-through current and I_{2t} from the manufacturer's data sheets.</p> <p><u>Circuit breakers may be added to the short-circuit current marking based on an evaluation of data from previously conducted short-circuit tests. The evaluation shall be conducted as follows:</u></p> <p>a) <u>The circuit breakers to be added shall be current limiting,</u></p> <p>b) <u>The short-circuit current and voltage rating of the circuit breakers to be added shall be the same or lower than the short-circuit current and voltage rating for which the test was conducted, and</u></p> <p>c) <u>The peak let-through current (I_p) and I_{2t} of the circuit breakers to be added shall not be greater than values for peak let-through current (I_p) and I_{2t} measured during the previously conducted test.</u></p> <p><u>Notes:</u></p> <p><u>1) A current-limiting circuit breaker is one that does not employ a fusible element and, when operating within its current-limiting range, limits the let-through I_{2t} to a value less than the I_{2t} of a 1/2-cycle wave of the symmetrical prospective current. Current-Limiting type circuit breakers are marked "Current-Limiting."</u></p> <p><u>2) See published let-through values for current-limiting circuit breakers provided by the manufacturer. Figure A2.1 may be used to assist in determining the peak let-through current and I_{2t} from the manufacturer's data sheets.</u></p>
A2.1.3		