STANDARDS UPDATE NOTICE (SUN)
ISSUED: April 4, 2025

STANDARD INFORMATION

If your product is certified to UL 508 and is a programmable controller, then it needs to be recertified to UL 61010-2-201.

If your product is certified to UL 508 and is not a programmable controller, then it needs to be certified to the 19th edition of UL 508 prior to the effective date.

Standard: UL 508
Standard ID: Industrial Control Equipment [UL 508:2024 Ed.19]
Previous Standard ID: Industrial Control Equipment [UL 508:2018 Ed.18+R:08Jul2021]

Replacement Standard: Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment [UL 61010-2-201]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **October 28, 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 Reports not updated to this version by the effective date above will be withdrawn.

All products currently certified to UL 508 that are not programmable controllers must be certified to the 19th edition of UL 508 prior to the effective date.

All programmable controllers currently certified to UL 508 must be certified to UL 61010-2-201 prior to the effective date. UL 61010-2-201 is to be used in conjunction with UL 61010-1.

We strongly recommend utilizing the IECEE CB Scheme for your programmable controllers that are currently certified to UL 508. As these controllers will require certification to UL 61010-2-201 (used in conjunction with UL 61010-1) before the upcoming effective date, the IECEE CB Scheme offers significant advantages. This internationally recognized certification program streamlines the process of obtaining multiple national certifications, reducing both time and costs associated with market access. By leveraging the IECEE CB Scheme, you can efficiently transition your products to meet the new UL 61010-2-201 requirements while simultaneously gaining acceptance in numerous international markets through a single set of tests and certifications. This approach not only ensures compliance with the new standard but also positions your products for broader global market opportunities.

Overview of Changes: Specific details of new/revised requirements are found in table below.

- Remove Programmable Controllers from UL 508
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- Additional requirements for service equipment
- Modifications to tripping Time at 600 Percent of the Current Element Rating

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
		Additions to existing requirements are <u>underlined</u> and deletions are shown ~~lined out~~ below.
1	Info	**Scope**
1.12		***New clause added;*** Programmable controllers are covered by the Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 2-201: Particular Requirements for Control Equipment, UL 61010-2-201.
50	Info	**Calibration Test**
Table 50.1		***New table added;*** **Marking Designation for Tripping Time at 600 Percent of the Current Element Rating**

Class designation [a]	Tripping time seconds
Class 10	10
Class 20 [b]	20
Class 30	30

[a] Class designations in excess of 30 seconds may be used, with the tripping time in seconds equal to the numerical class marking.

[b] Class 20 need not be marked.

	Info	**MARKING**
73	Info	**General**
73.41		***New clause added;*** With reference to 50.2(c), an overload relay or the controller with which an overload relay is used shall be marked to indicate the relay class designation in accordance with Table 50.1. The marking may be provided on the current element table that is provided on or with the product.

CLAUSE	VERDICT	COMMENT
	Info	**PART XIV – SERVICE EQUIPMENT**
133	Info	**General**
133.4		***New clause added;*** Exposure to inadvertent contact with ungrounded uninsulated live parts on the supply side of service disconnects while every service disconnect is in the off position as required by UL 869A, shall be determined using the straight probe in Figure A2.1 of UL 869 under the following conditions: a) The probe shall be applied to openings in and edges of barriers that are used to protect against inadvertent contact of ungrounded uninsulated live parts on the supply side of a service disconnect. The probe is applied to openings in barriers, and for barrier edges the probe is applied up to the point of where the 19.1 mm stop face reaches the edge of the barrier. Factory installed barriers, including those that are removable, shall be in place during this investigation. b) Line-side service conductors sized in accordance with 26.5 shall be installed in the terminals when determining exposure to inadvertent contact.
133.5		***New clause added;*** Barriers used to prevent inadvertent contact with ungrounded uninsulated live parts on the supply side of service disconnects shall be constructed so that they can be readily removed or repositioned, and then reinstalled, to allow access to the terminal for servicing, and comply with (a) or (b) as follows: a) Metal barriers shall have a thickness not less than 0.032 inch (0.81 mm) if uncoated, not less than 0.034 inch (0.86 mm) if galvanized, and not less than 0.050 inch (1.27 mm) if aluminum and be constructed so that they can be readily removed or repositioned, and then re-installed, without the likelihood of contacting bare live parts or damage the insulation of any insulated live part. They shall be bonded to the enclosure or equipment grounding conductor terminal by means in compliance with 7.6 and 7.7. b) Nonmetallic barriers shall comply with requirements for insulating barriers, Section 38.
133.6		***New clause added;*** Barriers that are factory installed and that limit access to factory installed wiring and terminations may be constructed such that they are not able to be removed or repositioned.
133.7		***New clause added;*** Barriers and other parts necessary to comply with 133.4 may be provided as a field installable kit when marked as in 133.9.

CLAUSE	VERDICT	COMMENT
133.8		***New clause added;*** Service equipment shall not be marked “EMERGENCY DISCONNECT, SERVICE DISCONNECT”.
133.9		***New clause added;*** Equipment marked “Suitable for use as service equipment” and provided with protection from inadvertent contact in a field installable kit, as permitted in 133.7, shall be marked “Install Service Barrier Kit, Cat. Number ____” or equivalent. Installation instructions shall be provided with the kit describing proper installation of the parts for compliance to the requirements of this section.