

Expand globally with a competitive edge in the programmable logic controller (PLC) industry

Gain global market acceptance while reducing product development time and costs.

The safety standard used for programmable logic controllers has changed from UL 508 to UL 61010-1 and UL 61010-2-201. With combined testing of PLCs, UL can speed up your time to market by bundling certifications for UL, CSA and IEC standards through a single trusted certification body. This streamlined and accelerated process saves time and money through a well-proven global certification program.

In collaboration with key industry stakeholders, UL has helped change the safety standard used for programmable logic controllers from UL 508 (Standard for Industrial Control Equipment) to UL 61010-1 and UL 61010-2-201 (Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use).

Global certification with one testing process

The harmonization of international requirements enables PLCs and the associated accessories to now be certified to both UL and the IEC standards with a single test – helping you save time and reduce costs.



One trusted source for global access

Achieve global acceptance of products such as process automation controllers (PAC), distributed control systems (DCS), remote I/O (RIO) systems, industrial computers, and human machine interfaces (HMI). With one certification process, you can gain access to:

North America

- UL Certification Mark for the US and Canada according to UL/CSA 61010-1 and UL/CSA 61010-2-201
- UL Functional Safety Mark according to applicable standards
- Hazardous Locations Certification Mark referenced in Equipment for Use in and Relating to Class I, II and III, Division 1 and 2 Hazardous Locations
- EMC testing services, e.g., FCC

Europe/International

- CB Report with CB Certificate and IEC Test Report to IEC 61010-1 and IEC 61010-2-201
- Type Test Certificate and Technical Document File, or UL-EU Mark to be used for CE Marking to EN 61010-1 and EN 61010-2-201
- EMC testing services
- RoHS evaluation services
- Radio and Wireless Type Approval for international markets
- Functional Evaluation according to applicable standards, e.g., IEC 61508
- Global market access services for specific markets, e.g., Europe, China, Russia, India and Brazil



UL is committed to helping customers bring their products to the global market quickly, easily and efficiently. Contact us today for a review of your product's readiness to comply with the new UL/IEC/EN 61010-1 and UL/IEC/EN 61010-2-201. We can develop a compliance strategy to help ensure your product's global acceptance.

Why choose UL?

UL drives global research and standards to continually advance and meet ever-evolving product safety, performance and interoperability needs. UL's global network of technical experts and state-of-the-art facilities, along with our longstanding relationships with regulatory authorities, partner laboratories and industry technical leaders, helps manufacturers gain the compliance credentials they need to compete in a more complex global supply chain.

Knowledge You Can Trust

– our experienced staff will advise you from the initial design stage of product development through testing and production. Our experts can assist you in understanding the certification requirements for your specific markets.

Speed and Efficiency

– our cost-effective systems and state-of-the-art facilities cut through the red tape and help accelerate your time to market.

Single Source Provider

– UL meets all of your compliance needs and, by bundling safety, performance and interoperability services, also helps save you valuable time and money.

Global Reach and Access

– our global network of expert engineers helps you understand the various national and global requirements for your specific market application, including comprehensive testing and certification. Learn more at gma.ul.com.

Advisory and Training

– UL offers advisory and training services such as seminars to address questions regarding the transition to new standards; Data Acceptance Program that utilizes customer or third-party facilities for product testing; modular certification approach for product evaluation and testing; and much more.

For more information, please contact our local sales team at IndustrialQuote@ul.com or visit UL.com.



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