



Where do you want to grow
your business next?

A blurred background image of an industrial control panel with various buttons and switches. A green button is prominent in the foreground, and a red button is visible behind it. Labels like 'Pompa P-4301-D' and 'PRIVILE START' are visible on the panel.

**GLOBAL
COMPLIANCE
OF POWER
AND CONTROLS**



UL is a premier global independent safety science company that has championed progress for 120 years. Its more than 10,000 professionals are guided by the UL mission to promote safe working and living environments for all people. UL uses research and standards to continually advance and meet ever-evolving safety needs.

We partner with businesses, manufacturers, trade associations and international regulatory authorities to bring solutions to a more complex global supply chain.

For more information about our certification, testing, inspection, advisory and education services, visit ul.com



**WITH UL,
THE CHOICE IS
UP TO YOU.**

With the promise of selling your products to exploding new global markets comes the challenges of meeting a myriad of testing, evaluation, certification and regulatory compliance requirements that vary from region to region and country to country. The differences are subtle in some cases and more dramatic in others, making the process a challenge to navigate.

At UL, we help untangle the international compliance process using decades of deep global product safety to develop customized market access solutions that position you for unlimited sales opportunities around the world.

UL brings the world to your doorstep.

A SOLUTION WITH WORLD CLASS SPEED

It's simple. We help you move into emerging markets more efficiently and effectively by providing comprehensive services, including:

- Developing compliance strategies that assess the most efficient options
- Identifying critical standards and requirements
- Conducting all necessary testing/evaluations in our state-of-the-art facilities
- Preparing and submitting certification-ready documentation to applicable certification organizations
- Facilitating sample management and document flow

UL: YOUR SUPPORT LEADER

While UL and our many affiliates are accredited to issue test reports or certificates for a variety of markets, we also generate customized informative test reports specific to your company's needs.

In testing to IEC and EN standards as well as national standards such as CB and IECEX, we begin with a preliminary construction assessment against defined requirements to determine testing readiness and necessary safety measures. In moving the compliance process ahead, we proceed with a plan that focuses on your priorities.

UL can leverage the speed and strength of the CB Scheme with your test reports. The IECEE CB Scheme is an international

system for mutual acceptance of test reports and certificates dealing with the safety of electrical and electronic components, equipment and products. A manufacturer utilizing a CB test certificate issued by one of the accepted National Certification Bodies (NCBs) can obtain certification marks of the latter, within their scope of adherence, in the countries where the accepted NCBs are located.

With an unparalleled global network backed by technical and compliance expertise that crosses oceans and industries, UL delivers streamlined Global Market Access solutions.





Inroads to China

One of the most desirable markets for Power and Controls products outside of the US is China. With varying requirements and mandatory CCC mark, this is a coveted market that can be difficult to penetrate. With UL's comprehensive testing, certification and aligned services, access is more than achievable.

MAKE YOUR INVESTMENT **SAFE**

As accurate and up-to-date record keeping and documentation is key to gaining and maintaining compliance, UL is authorized to conduct initial and follow-up factory audits and inspections on behalf of many other certification organizations.

In fact, once the required certifications/marks are identified, we can project manage your entire certification process, including:

- Complete required forms and coordinate sample management
- Pay submittal fees in appropriate currency
- Prepare certification-ready documentation package
- Communicate with applicable certification organizations to obtain the certification marks or certificates

Enhance your market access plans with a combination of services or choose our turnkey solution, in which we handle the entire process and deliver the desired certification and/or marks. This allows you to focus on other aspects of your business with confidence that your global pursuits are being supported by the most trusted name in the industry.

GETTING **PRODUCT SPECIFIC**

At UL, our support experts work closely with you to develop single or multiple market compliance strategies that maximize your past product investment and minimize the additional investment needed to enter new markets.

In UL's specifically designed offering, Power and Controls categories consists of:

- Circuit Breakers
- Contactors & Motors
- Contactors & Motor-starters
- Motor Controllers and Starters
- Electromechanical Control Circuit Devices
- Proximity Switches
- Switches & Switchgear

Only UL offers the certification choices for the marks you need, such as UL EU, UL AR, UL BR, D, CCC, Japan Mark, and INMETRO.

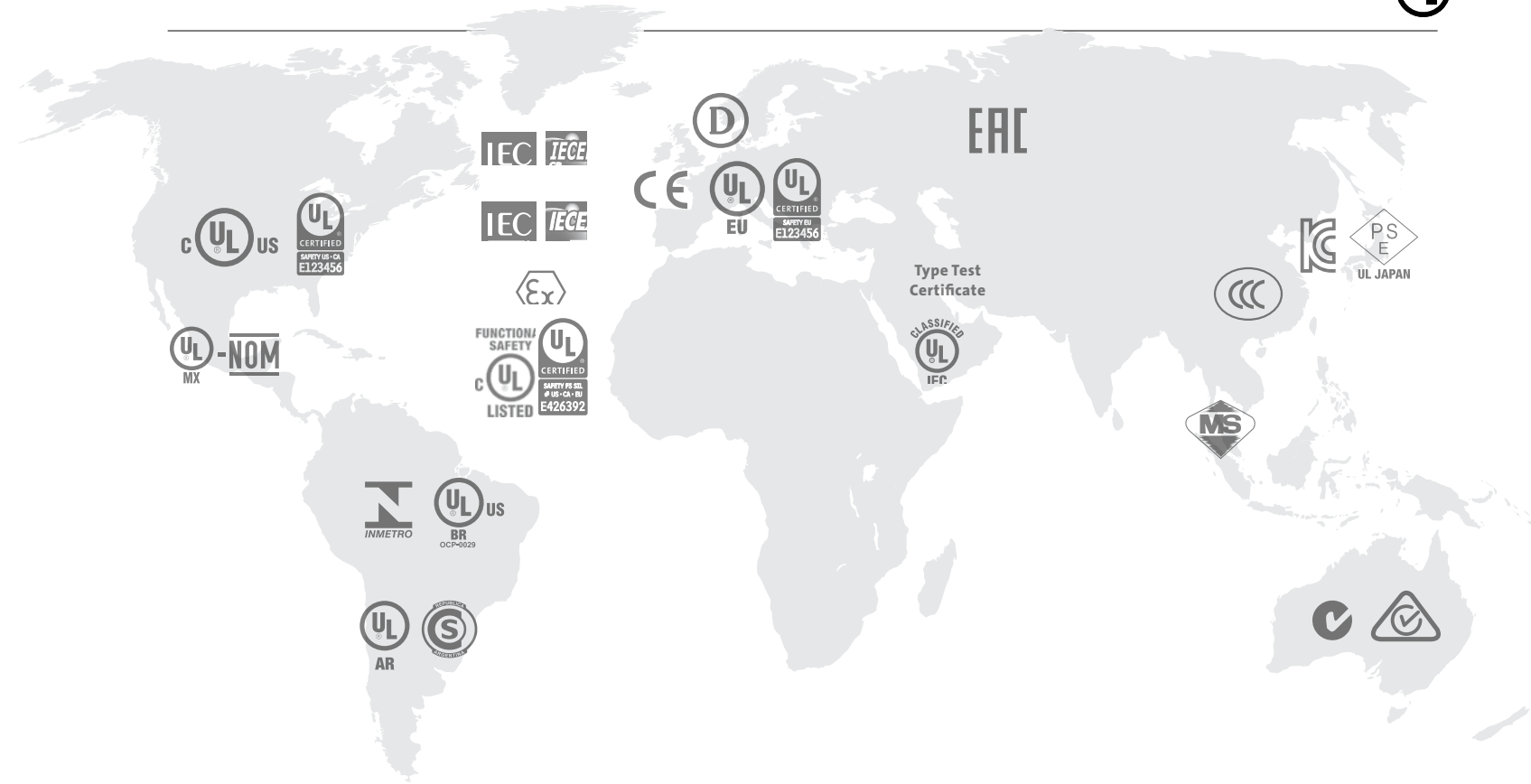
Our comprehensive services include:

- CB Certificate
- IECEX and ATEX Certification
- Functional Safety Certification
- Type Test Certificate
- Comprehensive portfolio of global marks
- Total certification project management



GLOBAL COMPLIANCE SERVICES FOR POWER AND CONTROLS PRODUCT CATEGORIES

You can leverage the speed and strength of UL in any Power and Controls product category and begin growing your bottom line.



- V** Voluntary
- M** Mandatory
- V*** partly pre-qualification required

Note: For all product categories, global compliance services involving the applicable standard(s) for explosive atmospheres / hazardous locations are available, including UL, cUL, IECEx, ATEX and INMETRO certification.
 Note 2: All product categories include products with a safety-related intended use, or with a potential for safety-related use. Compliance services for all relevant functional safety standards are available, including but not limited to IEC 61508, ISO 13849, IEC/UL 61800-5-2, IEC 61131-6, IEC/UL 61496, EN 50495, EN 50271, EN 50156, IEC/UL 60730-1 Annex H, UL 353, UL 1998/UL 991.

	UL Standard	IEC Standard	Denmark	China	Japan	Korea	Malaysia	Australia	Russia, Kazakhstan & Belarus	Brazil	Argentina	Mexico	Europe	Middle East
Circuit-Breakers	UL489	IEC 60947-2	V	M	M	M	V	V	M	M	M	M	V	V*
Switches, Disconnectors	UL508, UL98, UL489	IEC 60947-3	V	M	M	—	M UP TO 63A	V	M	V	M	M	V	V*
Contactors and Motor-Starters	UL 60947-4-1 (UL508)	IEC 60947-4-1 IEC 60947-4-2 IEC 60947-4-3	V	M	—	—	V	V	M	V	M	M	V	V*
Electromechanical Control Circuit Devices	UL508	IEC 60947-5-1	V	M	M	—	V	V	M	V	M	M	V	V*
Proximity Switches	UL508	IEC 60947-5-2	V	M	—	—	V	V	M	V	M	M	V	V*
Control Equipment (e.g. PLC's, industrial PC's, I/O devices)	UL61010-2-201 (UL508)	IEC 61010-2-201 (IEC 61131-2)	V	—	—	—	—	V	—	V	—	—	V	V*
Adjustable Speed Electrical Power Drives	UL 61800-5-1 (UL508C)	IEC 61800-5-1	V	—	—	—	—	V	M	V	M	M	V	V*
Transfer Switches	UL1008	IEC 60947-6-1	V	M	—	—	—	V	M	V	M	M	V	V*
Low-Voltage Switchgear Assemblies Busbar Trunking Systems	UL891, UL857, UL845	IEC 61439-2 IEC 61439-6	V	M	M	—	—	V	M	V	M	M	V	V*
Relays	UL61810-1	IEC 61810-1	V	V	—	—	—	V	M	V	M	M	V	V*



Compliance and certification from UL delivers potential market equity for stakeholders – including customers, management, supply chain partners, employees, and regulators.

Our services and test reports increase the value of your product with regulatory bodies worldwide, at the same time providing you the ease of one-stop shopping for all of your global access expertise. Having Underwriters Laboratories® attached to your product report invokes trust, quality and distinction for every market.

Your products are ready to discover new worlds. Tap into the power of UL, and begin opening new opportunities at your doorstep.

[ul.com](https://www.ul.com)

UNLEASHING
YOUR GLOBAL
OPPORTUNITY
WITH THE BEST
COMPLIANCE
PARTNER

EUROPE

Denmark

T: +45.44.85.65.65
F: +45.44.85.65.40
E: info.dk@ul.com

France

T: +33.1.60.19.88.00
F: +33.1.60.19.88.80
E: info.fr@ul.com

Germany

T: +49.69.489810.0
F: +49.69.489810.161
E: info.de@ul.com

UL TTC

T: +49.2151.883324
F: +49.2151.885210
E: ttc@ul.com

Italy

T: +39.039.6410.101
F: +39.039.6410.600
E: info.it@ul.com

Poland

T: +48.22.336.33.39
F: +48.22.336.33.01
E: info.pl@ul.com

Spain

T: +34.93.368.13.00
F: +34.93.342.49.96
E: info.es@ul.com

Sweden

T: +46.8.795.4370
F: +46.8.760.0317
E: info.se@ul.com

The Netherlands

T: +31.26.376.4800
F: +31.26.376.4840
E: info.nl@ul.com

United Kingdom

T: +44.1483.302.130
F: +44.1483.302.230
E: info.uk@ul.com

AMERICAS

Argentina

T: +54.11.4316.8200
F: +54.11.4316.8260
E: info.ar@ul.com

Brazil

T: +55.11.3049.8300
F: +55.11.3049.8252
E: info.br@ul.com

Canada

T: +1.866.937.3ULC, 1.866.937.3852
F: +1.416.757.8727
E: customerservice.ca@ul.com

Mexico

T: +52.55.3000.5400
F: +52.55.3000.5491
E: info.mx@ul.com

United States

T: 877.UL.HELPS, 1.877.854.3577
F: +1.360.817.6278
E: cec@ul.com

ASIA PACIFIC

Australia

T: +61.1.8824.7775
F: +61.2.8860.9595
E: customerservice.au@ul.com

China

E: customerservice.cn@ul.com

Guangzhou

T: +86.20.3213.1000
F: +86.20.8348.6777

Shanghai

T: +86.21.6137.6300
F: +86.21.5292.9886

Suzhou

T: +86.512.6808.6400
F: +86.512.6808.4099

Hong Kong

T: +852.2276.9898
F: +852.2276.9876
E: customerservice.hk@ul.com

India

T: +91.80.4138.4400
F: +91.80.2520.4407
E: customerservice.in@ul.com

Japan

E: customerservice.jp@ul.com

Ise

T: +81.596.24.6717
F: +81.596.24.8020

Tokyo

T: +81.3.5293.6000
F: +81.3.5293.6001

Korea

T: +82.2.2009.9100
F: +82.2.2009.9471
E: customerservice.kr@ul.com

Malaysia

T: +603.5632.5922
F: +603.5632.5923
E: customerservice.my@ul.com

New Zealand

T: +64.3.940.4400
F: +64.3.940.4411
E: customerservice.nz@ul.com

Singapore

T: +65.6274.0702
F: +65.6271.3867
E: customerservice.sg@ul.com

Taiwan

T: +886.2.5559.8168
F: +886.2.2890.7430
E: customerservice.tw@ul.com

Thailand

T: +66.2.207.2408
F: +66.2.264.5943
E: customerservice.th@ul.com

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