

# Expand globally with UL certification services for low-voltage surge protective devices

## Global market access reduces time to market and costs with a trusted advisor

Gain global market acceptance while driving down product development time and costs for low-voltage surge protection devices (SPDs).

Whether your product is being sold into the US, Canada, Europe or other international locations, UL can speed up your time to market by providing multiple certifications. We help to reduce overall testing, inspection and certification time and expense by leveraging global certification synergies. UL can assist in accelerating product development and acceptance from the earliest design phase.

**Increased surge testing capability in North America** – UL has invested in new surge testing equipment in our Melville, NY U.S. facility. The equipment includes an impulse current surge generator capable of superimposing a 60 kA In (8/20) nominal discharge current testing through a device under test. Additionally, the testing equipment includes both AC and DC power supplies allowing for energized surge testing energized with up to 1000 V AC and 1500 V DC.

This increased testing capability will allow for local surge testing of most surge protective devices to applicable U.S., Canadian and IEC surge protective device standards,

including AC, DC and PV SPDs. It also results in streamlined surge testing by providing more testing options that help decrease testing time.

## One trusted source for global access

**Global recognition** – The UL brand is known and trusted around the globe. UL is a leading force in the research and development of global regulatory standards for Low-Voltage Surge Protective Devices.

**Collaborative advantage** – UL offers knowledgeable assistance from the initial product design through testing, production and deployment. We are committed to finding solutions for your specific needs that increases the value, acceptance and marketability of your products worldwide.

**Bottom-line impact** – UL identifies harmonized requirements and gaps in the applicable international standards, developing a testing approach that expands your market presence while lowering your investment of time and money. Our worldwide network of accredited labs offers you bundled service packages as well as pre-certification testing.

## One certification process







With combined testing of surge protection devices, UL can simultaneously provide global market access solutions for the UL Mark in North America and CB Scheme Test Report and Certificate for markets outside of North America. One streamlined certification process allows you to profit from faster speed to a global marketplace.



## Training

UL can help you navigate the complexities of international product safety and market access, especially regulatory compliance, performance testing and certification. Our dedicated training staff can help you to understand how to interpret and apply these requirements to your products. We offer custom on-site training sessions on these and many other standards. Let us come to you - maximize your training with UL private and custom workshops.



UL Services	Standard	SPD Product Types	Mark <sup>3</sup>	Market Access
<b>UL Certification (Listing)</b>	UL 1449	Types 1, 2, and 3		US
<b>UL Certification (Recognition)</b>		Types 1, 2, 3 and 4 Component Assemblies and Type 5 Component		US
<b>cUL Certification (Listing)</b>	C22.2 No. 269-1	Type 1		Canada
	CSA C22.2 No. 269-2	Type 2		
	CSA C22.2 No. 269-3	Type 3		
<b>cUL Certification (Recognition)</b>	CSA C22.2 No. 269-4	Type 4 Component Assemblies		Canada
	CSA C22.2 No. 269-5	Type 5 Component		
<b>UL Certification to IEC Publications</b>	IEC 61643-11	Test classes I, II and III		International
	IEC 61643-311	Gas Discharge Tubes		
	IEC 61643-321	Avalanche Breakdown Diodes (ABDs)		
	IEC 61643-331	Metal Oxide Varistors (MOVs)		
<b>CB Scheme Test Report and Certificate</b>	IEC 61643-11	Test classes I, II and III		International
<b>UL-EU, ENEC and/or Demko “D” Marks and CE marking</b>	EN 61643-11	Types 1, 2 and 3		Europe and/or Denmark
	EN 61643-311	Gas Discharge Tubes		
	EN 61643-321	Avalanche Breakdown Diodes (ABDs)		
	EN 61643-331	Metal Oxide Varistors (MOVs)		
<b>Type Examination Certificate<sup>1</sup></b>	IEC 61643-11	Test classes I, II and III		
	IEC 61643-311	Gas Discharge Tubes		
	IEC 61643-321	Avalanche Breakdown Diodes (ABDs)		
	IEC 61643-331	Metal Oxide Varistors (MOVs)		
<b>Informative Test Report<sup>2</sup></b>	IEC 61643-11 and/or EN 61643-11	Test classes I, II and III Types 1, 2 and 3		International
	IEC 61643-311 and/or EN 61643-311	Gas Discharge Tubes		
	IEC 61643-321 and/or EN 61643-321	Avalanche Breakdown Diodes (ABDs)		
	IEC 61643-331 and/or EN 61643-331	Metal Oxide Varistors (MOVs)		

- Notes:
1. A Certificate & Test Report issued by UL, an Independent Third Party Certification Body, for a product evaluated and in compliance with the relevant IEC Product Standards.
  2. Test Report issued by UL, as an Independent Third Party Certification Body, for a product evaluated to the relevant IEC and/or EN Product Standards. Can be used in support of CE Marking.
  3. The UL Certification Mark can be a combination Mark for US and Canada and/or a country code.

For more information, contact your local representative,  
e-mail [ULHELPS@UL.com](mailto:ULHELPS@UL.com) or visit [UL.com/SPD](http://UL.com/SPD)



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