



## Equipment Marks and Definitions



### What is a UL listing?

The UL stands for "Underwriters Laboratory". It used to be an Insurance Industry organization, but now it is independent and non-profit. It tests electrical components and equipment for potential hazards. When something is UL-listed, that means that the UL has tested the device, and it meets their requirements for safety - i.e.: fire or shock hazard. It doesn't necessarily mean that the device actually does what it's supposed to, just that it probably won't kill you.



### What is CSA approval?

The CSA Mark is a conformity marking consisting of the letters **CSA**. Every electrical device or component must be certified by the Canadian Standards Association (or recognized equivalent) before it can be sold in Canada. Implicit in this is that all wiring must be done with CSA-approved materials. They perform testing similar to the UL (a bit more stringent), except that CSA (or recognized equivalent) approval is required by law.



### What is a CE Mark?

The CE Mark is a conformity marking consisting of the letters **CE**. The CE Marking applies to products regulated by certain European health, safety and environmental protection legislation. The CE Marking is obligatory for products it applies to: the manufacturer affixes the marking in order to be allowed to sell his product in the European market.



### What is an ETL Mark?

The ETL Mark is a conformity marking consisting of the letters **ETL**. The mark demonstrates that the product that bears it has met the minimum requirements of widely accepted product safety standards as determined through the independent testing of a Nationally Recognized Testing Laboratory (NRTL). And, as part of that testing regimen, the product manufacturer has agreed to periodic follow-up inspections to verify continued compliance.