

# Electrical safety - the basis for every market approval

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A look at our services for the  
approval of your products



Electrical safety is an important prerequisite for the approval of technology products. For this reason, it is an integral part of the regulatory tests for certification and the associated market approval.

We provide you with the proof of conformity for your product.



## Our electrical safety tests

### Potential hazards

- Risk of electric shock
- Fire hazard
- Hazardous radiation
- Incorrect operation

### Test scenarios

- Measurement of the protective conductor resistance
- Measurement of leakage current and touch current
- Dielectric strength testing
- Temperature measurements
- Mechanical strength testing

### Electrical safety tests

- Approval regimes CB (Certified Body) and NRTL
- Low Voltage Directive 2014/35/EU
- Standard DIN EN 62368-1

### Our accreditations

#### DAkks

- EN/IEC 62368-1: 2., 3. and 4. Edition
- UL 62368-1:2019
- CAN/CSA-C22.2: Nr. 62368-1-14
- AS/NZS 62368-1:2022 and 2018

#### IECEE CB Scheme

- IEC 62368-1 2. and 3. edition
- IEC 62368-1 4. edition continuous

#### NRTL

- UL 62368-1:2019
- CAN/CSA-C22.2 Nr. 62368-1-14



The risks posed by electrical appliances to people, animals and property should be reduced to a minimum. To this end, defined safety standards must be observed.

Depending on the approval objective, various test scenarios are carried out on the device.

**We are your partner in planning the relevant tests for your product and support you in obtaining approval in your desired target country.**

### Contact



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