

A template for creating a list of safety-critical components

Name	Type No./ Model No.	Manufacturer name	Ratings	Applicable standard (s)	Approved by: ... name of the test house ...	Test certificate No.

Clever
Compliance



Types of Safety-Critical Components

- Mains cords and cord sets
- Mains inlets, outlets and switches
- Fuses and fuse holders (mains circuit)
- Capacitors and resistors across the mains poles or contacts of mains switches
- Capacitors and resistors between “live” and “accessible parts”
- PTCs Optocouplers
- Mains filters Protective devices
- Wiring materials (double insulation)
- Mains plugs
- Contactors
- Batteries
- DC-DC converter
- Protection circuit for a lithium battery Isolation amplifier
- Safety devices for mechanical systems
- Emergency switch
- Separating mains transformers
- Connectors in mains circuits
- High-voltage parts
- Voltage-setting devices
- Lasers
- Materials and dimensions of enclosures
- Printed board materials (dependent on power)
- Picture tubes
- Barriers (extra flammability requirements)
- Interlock switches
- Mains relays
- High-voltage capacitors
- Isolation foil and sleeves
- Push-on connectors
- Lamps
- Power supplies
- Motors
- Pressurized systems, including safety valves
- Foot switch
- Strain relief (cord anchorage)
- Storage devices (USB, CD-ROM, HDD, FDD)
- Keyboard
- Mouse
- Motherboard
- Modem
- Bluetooth module
- Sensing devices and transducers

