

## Approval marks and symbols



Tridonic products comply with the requirements of 2004/108/EC and 2006/95/EC, and are entitled to bear the CE mark. EC declarations of conformity can be requested via the internet at [www.tridonic.com](http://www.tridonic.com), menu "Technical Information".



RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment) summarises EU directive 2002/95/EC on the prohibition of certain substances in the manufacture and processing of electrical and electronic equipment and components.



Approval marks from national inspection authorities.



The ENEC mark (European Norms Electrical Certification) is a European mark of conformity and confirms that the device on which the symbol is shown complies with all the requirements of the ENEC scheme. Test certificates can be requested via the Internet at [www.tridonic.com](http://www.tridonic.com), menu "Technical Information".



Safety class 2 device in which protection against electric shock is not based solely on the basic insulation but in which there are additional safety features such as double or enhanced insulation. It is independent of the protection measures of the fixed installation.



Safety class 3 device in which protection against electric shock is based on the use of safety extra-low-voltage (SELV). In this device no voltage higher than the safety extra-low-voltage (SELV) is produced.



Reinforced insulation. The device is designed to be used in class 2 equipments and does not need any protection earth.



The device is suitable for direct mounting on normally flammable surfaces such as wood and wood-based materials > 2 mm thickness.



The device is suitable to be installed in or attached to furniture whose behaviour in fire corresponds to standard flammable building materials within the context of DIN 4102 Part 1. The materials can be laminated, veneered or varnished.




The device is suitable for installing on or in furniture which is made from materials with unknown flammability properties.





Pictogram for temperature-protected devices. The temperature shown is the maximum surface temperature in the event of a fault at rated ambient temperature.




Mark for an independent gear. The gear must not be mounted inside the luminaire.

 Short-circuit-proof safety converter or safety transformer / non-short-circuit-proof safety converter or safety transformer.

 Non-short-circuit-proof transformer / non-short-circuit-proof energy-saving transformer.

 Dimmable trailing-edge phase dimmer / dimmable leading-edge and trailing-edge phase dimmer.

**SELV** Safety Extra-Low-voltage

 Product approved for EMC by VDE.

IP 20 Protection against contact and foreign bodies > 12 mm diameter.

IP 54 Protection against splashes from all directions.

IP 67 Protection against water penetration on temporary immersion.

The latest technical information including all mechanical and electronic details can be downloaded from the internet at [www.tridonic.com](http://www.tridonic.com), menu "Technical Information", submenu "Data sheets"