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VDE Testing and
Certification Institute

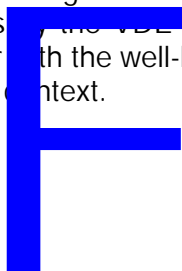


European Mark for electrotechnical products

Status: 2000-08

The ENEC Mark is the European conformity mark for electrotechnical products commonly agreed among the national certification bodies of European states. The ENEC Mark stands for conformity with applicable European safety standards (EN). It is granted by one (and only one) of the certification bodies participating in the ENEC Agreement. Certification bodies of other European states are obliged to treat products rightfully bearing the ENEC Mark in the same way as if they had granted the ENEC Mark themselves. Certification by another body is no longer required. Thus the ENEC Mark serves the free movement of goods in the European Economic Area including Switzerland and increasingly also in the markets of Eastern Europe.

After testing of an electrotechnical product with positive result on the basis of applicable European Norms and the VDE Institute, the certificate (licence) for the use of the commonly agreed mark together with the well-known VDE Mark (as displayed below) will be granted. The VDE Mark is optional in this context.



The following explanations are applicable:

EN: European Norms

EC: Electrical Certification

10: Identification No. of the certification body

The ENEC Mark clearly distinguishes products certified with marks of independent third party bodies from other products for which conformity was declared. It derives its own high value from the combination with recognized national certification marks. This allows easy marketing of safe products on the European markets. The ENEC Mark was legally registered for the issuing bodies.

For a number of products, the location of factories can be worldwide - depending on the recommendation of the relevant European industrial association responsible for the relevant product. Restrictions are valid e.g. in case of luminaires and related components.

List of certification bodies and countries participating in the ENEC Agreement including certification register

All current signatory bodies of the ENEC Agreement together with their allocated countries are displayed on the ENEC Homepage www.enec.com. In addition, it contains the register of certified products.

Scope of products and standards in the ENEC Agreement

The scope of the ENEC Agreement presently comprises luminaires and related components, energy saving lamps, IT equipment, transformers, switches for appliances, electrical controls, certain types of capacitors and EMI suppression components. On request we may send you the current list (ENEC-301 Appendix B) of all products for which an ENEC Mark can be granted including applicable standards.

Thanks to the high level of European harmonization in the electrotechnical field, the number and extent of deviations is limited to very few aspects such as the rules for connection and installation in some countries. Please contact us for detailed information.

Quality assurance for products with ENEC Mark

In order to assure constant quality of production the manufacturer is obliged to establish and maintain a quality assurance system – in most cases in compliance with DIN EN ISO 9002. The manufacturer may choose to have his quality system certified by an accredited body or by the certification body issuing the ENEC Marks Licence.

A pre-condition for the certification is the positive pre-licence factory inspection of the body issuing the ENEC Mark. After granting the licence, routine inspections are conducted with a minimum of one annual visit in the frame of conformity surveillance.

Beyond this, the certification bodies are obliged to conduct market controls in order to assure the quality level of the product by comparative testing.

Advantages of the ENEC Mark

The ENEC Agreement provides a system to the manufacturer considerably reducing processing time and cost compared to the traditional CENELEC Certification Agreement (CCA, mutual recognition of test results by certification bodies). The processing by only one certification body minimizes the expenditure in time and cost.

Besides the recognition of the ENEC Mark in the European Economic Area and increasingly also in Eastern Europe, cooperation agreements of the VDE Institute with other bodies facilitate access of safe products to almost all states around the globe.

The certification with the ENEC Mark reassures the manufacturer that his product is in compliance with legal requirements of relevant EC Directives as well as the German Appliance Safety Law (GSG) in Germany.

Buyers and users of electrical products with ENEC Mark receive safe products tested by an independent institution constantly supervising their quality.

We would be pleased to provide you further information as well as support in matters of safety and electromagnetic compatibility of electrotechnical products.

Your contacts:

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