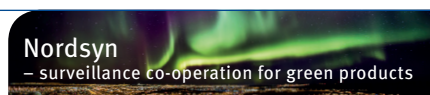




Content of Technical Documentation to provide to market surveillance authorities

**NORDSYN JUNE 2016**

Small, medium and large power transformers with minimum power rating ≥ 1 kVA used in 50 Hz electricity transmission and distribution networks or for industrial applications are covered by ecodesign requirements according to Regulation (EU) No 548/2014.

The requirements apply to power transformers as described in Article 1 and 2 of the above mentioned Regulation.

The documentation shall be produced before the product is placed on the market or put into service. The technical documentation shall be sufficient to enable assessment of the conformity of the product with the requirements. In this respect it is important that test reports are included in the technical documentation.

Small, medium and large power transformers

This guide presents the technical documentation that you have to provide if the market surveillance authorities ask for it. There are however other information requirements and requirements on web-information that you always need to fulfil according to the regulations.

Technical documentation for small, medium and large power transformers

Demands	How to comply
Name and address of supplier	Company name and complete address.
General description	Description of the model so that it is easily identified (model name and number, size etc.).
List of applied standards	Applied measurement standards (harmonised standards and/or other standards).
Identification and signature of the person empowered to bind the supplier	Name and signature of the person responsible for the product.
Model information	Models where the information in the technical documentation is obtained by calculation on the basis of design, or extrapolation from another transformer, or both, supply the details of such calculations/ extrapolations or both, and of tests undertaken by suppliers to verify the accuracy of the calculations. Furthermore, provide the model identifier of the transformer on which the calculations etc. are based.
Product information These information points shall also be included on the rating plate of the power transformers.	- Information on rated power, load loss and no-load loss and the electrical power of any cooling system required at no load. - For dual voltage transformers, the maximum rated power at the lower voltage, according to the regulation Annex I Table I.3. - Information on the weight of all the main components of a power transformer (including at least the conductor, the nature of the conductor and the core material). - For medium power (where applicable) and large power transformers, the value of the Peak Efficiency Index and the power at which it occurs. - For medium power pole mounted transformers, a visible display "For pole-mounted operation only".

Technical documentation for small, medium and large power transformers

This guide presents the contents of the Regulations and is addressed to manufacturers, importers and others interested. The guide is not a substitution for the Regulations, and in any case of doubt, the Regulations are applicable. This guide is not legally binding as a binding interpretation can only be made by the EU court.

COMMISSION REGULATION (EU) No 548/2014 of 21 May 2014 on implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to small, medium and large power transformers.

Equivalent product means a product model placed on the market with the same technical and performance characteristics, as another product placed on the market under a different commercial name by the same manufacturer.

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