

**Blank detail specification: Fixed inductors for electromagnetic interference suppression - Inductors for which safety tests are required (safety tests only)**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 138121:2002 sisaldab Euroopa standardi EN 138121:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 138121:2002 consists of the English text of the European standard EN 138121:2001.</p> <p>This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This blank detail specification forms the basis of a uniform procedure for a common European Mark. It implements the approval schedule for safety test in EN 138100, requires a declaration of design for parameters relevant to safety and prescribes conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes of the design.</p>	<p><b>Scope:</b></p> <p>This blank detail specification forms the basis of a uniform procedure for a common European Mark. It implements the approval schedule for safety test in EN 138100, requires a declaration of design for parameters relevant to safety and prescribes conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes of the design.</p>
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**ICS** 29.180, 33.100.20

**Võtmesõnad:** electronic equ, in, interference suppression, interference suppressors, multilingual, properties, quality, quality assessment systems, quality assurance progra, quality assurance systems, safety requirements, safety tests, suppression, testing, transformers, types

English version

**Blank Detail Specification:  
Fixed inductors for electromagnetic interference suppression -  
Inductors for which safety tests are required  
(Safety tests only)**

Vordruck für Bauartspezifikation:  
Drosseln zur Unterdrückung  
elektromagnetischer Störungen -  
Drosseln, für die Sicherheitsprüfungen  
vorgeschrieben sind  
(Nur Sicherheitsprüfungen)

This European Standard was approved by CENELEC on 1994-12-29. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

### Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 40XA, Capacitors (former CECC WG3).

The text of the draft based on document CECC(Secretariat)3575 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3642, it was approved as EN 138121 on 1994-12-29.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2002-05-01
  - latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2002-05-01
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## **Introduction**

### **Blank detail specification**

This blank detail specification forms the basis of a uniform procedure for a common European Mark. It implements the approval schedule for safety test in EN 138100, requires a declaration of design for parameters relevant to safety and prescribes conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes of the design.

In comparison with EN 138101 providing quality conformance and safety tests, this specification is restricted to safety tests only.

The use of EN 138101 may be more appropriate for components manufactured in mass production, whereas the employment of this specification may be necessary in those cases where approval and requalification tests contribute considerably to the costs of the product.

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications. In the preparation of detail specifications, the content of 1.3 of the sectional specification shall be taken into account.

### **Identification of the detail specification and of the component**

The first page of the detail specification should have the layout recommended on page 4 of this blank detail specification. The numbers between the brackets correspond to the following information which shall be inserted at the position indicated:

- [1] manufacturer's name;
- [2] the number and issue number of the CECC/EN generic or sectional specification as relevant;
- [3] manufacturer's style designation;
- [4] a brief description of the component or range of components;
- [5] information on typical construction (when applicable);
- [6] outline drawing with main dimensions which are of importance for interchangeability and/or reference to the appropriate national or international documents for outlines. Alternatively, the drawing may be given in an appendix to the detail specification but [6] should always contain an illustration of the general outer appearance of the component;
- [7] reference data giving information on the most important properties of the component which allow comparison between the various component types intended for the same or for similar applications.