
Fixed inductors for electromagnetic interference suppression - Part 2-2: Blank detail specification - Inductors for which safety tests are required - Assessment D (IEC 60938-2-2:1999)

Fixed inductors for electromagnetic interference suppression -- Part 2-2: Blank detail specification - Inductors for which safety tests are required (only)

Drosseln zur Unterdrückung elektromagnetischer Störungen -- Teil 2-2: Vordruck für Bauartspezifikation - Drosseln, für die nur Sicherheitsprüfungen erforderlich sind

Inductances fixes d'antiparasitage -- Partie 2-2: Spécification particulière cadre - Inductances nécessitant des tests de sécurité (uniquement)

Ta slovenski standard je istoveten z: EN 60938-2-2:1999

ICS:

29.180 Transformatorji. Dušilke Transformers. Reactors

SIST EN 60938-2-2:2002**en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60938-2-2

December 1999

ICS 29.100.10; 31.020

English version

Fixed inductors for electromagnetic interference suppression
Part 2-2: Blank detail specification
Inductors for which safety tests are required (only)
(IEC 60938-2-2:1999)

Inductances fixes d'antiparasitage
Partie 2-2: Spécification particulière
cadre
Inductances nécessitant des tests de
sécurité (uniquement)
(CEI 60938-2-2:1999)

Drosseln zur Unterdrückung
elektromagnetischer Störungen
Teil 2-2: Vordruck für
Bauartspezifikation
Drosseln, für die nur Sicherheits-
prüfungen erforderlich sind
(IEC 60938-2-2:1999)

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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

The text of document 40/1113/FDIS, future edition 1 of IEC 60938-2-2, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60938-2-2 on 1999-12-01.

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) 2000-09-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2002-12-01

Endorsement notice

The text of the International Standard IEC 60938-2-2:1999 was approved by CENELEC as a European Standard without any modification.

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INTERNATIONAL STANDARD

IEC 60938-2-2

QC 280102

First edition
1999-10

Fixed inductors for electromagnetic interference suppression –

Part 2-2:

Blank detail specification –

Inductors for which safety tests are required (only)
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SIST EN 60938-2-2:2002

Inductances fixes d'antiparasitage –
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Partie 2-2:

Spécification particulière cadre –

Inductances nécessitant des tests de sécurité (uniquement)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIXED INDUCTORS FOR ELECTROMAGNETIC
INTERFERENCE SUPPRESSION –**

**Part 2-2: Blank detail specification –
Inductors for which safety tests are required (only)**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical specifications, technical reports or guides and they are accepted by the National Committees in that sense.
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- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60938-2-2 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

FDIS	Report on voting
40/1113/FDIS	40/1139/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

Annex A forms an integral part of this standard.

The committee has decided that this publication remains valid until 2005.

At this date, in accordance with the committee's decision, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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FIXED INDUCTORS FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION –

Part 2-2: Blank detail specification – Inductors for which safety tests are required (only)

INTRODUCTION

Blank detail specification

This blank detail specification forms the basis for a uniform procedure for a common mark. It implements the approval schedule for safety tests only in IEC 60938-2, requires a declaration of design for parameters relevant to safety tests and prescribes conformance tests to be conducted on every lot prior to its release and re-qualification tests depending on changes of the design.

In comparison with IEC 60938-2-1 which provides safety tests and performance tests, this specification is restricted to safety tests only.

The use of IEC 60938-2-1 may be more appropriate for components manufactured in mass production, whereas this specification may be necessary in those cases where approval and re-qualification 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 1.4 of the sectional specification shall be taken into account.

The numbers between square brackets on the first page of the detail specification correspond to the following information which shall be inserted in the position indicated.

Identification of the detail specification and of the inductor

The first page of the detail specification should have the layout recommended on the next page of this blank detail specification.

- [0] Manufacturer's name.
- [0A] Manufacturer's style designation.
- [1] The "International Electrotechnical Commission" or the National Standards Organisation under whose authority the detail specification is drafted.
- [2] The IEC or National Standards number of the detail specification, date of issue and any further information required by the national system.
- [3] The number and issue number of the IEC or national generic specification.
- [4] The IEC number of the blank detail specification.

Identification of the inductor

- [5] A short description of the inductor or range of inductors.
- [6] Information on typical construction (when applicable).

- [7] Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the national or international documents for outlines. Alternatively, this drawing may be given in an annex to the detail specification, but should always contain an illustration of the general outer appearance of the inductor.
- [8] Reference data on the most important properties, to allow comparison between the various inductor types intended for the same, or for similar applications.

[1]	IEC 60938-2-1XX QC XXXXXXXXXXXXX	[2]
ELECTRONIC COMPONENTS OF ASSESSED QUALITY IN ACCORDANCE WITH:	IEC 60938-2-2 QC XXXXXX	[4]
[3]	FIXED INDUCTORS FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION FOR WHICH SAFETY TESTS ARE REQUIRED	[5]
Outline drawing: (see table 1) (... angle projection)		
[7] (Other shapes are permitted within the dimensions given)		[6]
		[8]
NOTES [1] to [9] see pages 3 and 4.		

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Information on the availability of components qualified
to this detail specification is given in the Register
of Approvals.

1 General data

1.1 Recommended method(s) of mounting (to be inserted)

(See 1.4.3 of IEC 60938-2.)