
Fixed inductors for electromagnetic interference suppression - Part 2-1: Blank detail specification - Inductors for which safety tests are required - Assessment D (IEC 60938-2-1:1999)

Fixed inductors for electromagnetic interference suppression -- Part 2-1: Blank detail specification - Inductors for which safety tests are required - Assessment level D

Drosseln zur Unterdrückung elektromagnetischer Störungen -- Teil 2-1: Vordruck für Bauartspezifikation - Drosseln, für die Sicherheitsprüfungen erforderlich sind - Bewertungsstufe D

Inductances fixes d'antiparasitage -- Partie 2-1: Spécification particulière cadre - Inductances nécessitant des tests de sécurité - Niveau d'évaluation D

Ta slovenski standard je istoveten z: EN 60938-2-1:1999

ICS:

29.180 Transformatorji. Dušilke Transformers. Reactors

SIST EN 60938-2-1:2002**en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 60938-2-1:2002](https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-300223887592/sist-en-60938-2-1-2002)

<https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-300223887592/sist-en-60938-2-1-2002>

EUROPEAN STANDARD
 NORME EUROPÉENNE
 EUROPÄISCHE NORM

EN 60938-2-1

December 1999

ICS 29.100.10; 31.020

Supersedes EN 138101:1996

English version

Fixed inductors for electromagnetic interference suppression
Part 2-1: Blank detail specification
Inductors for which safety tests are required - Assessment level D
(IEC 60938-2-1:1999)

Inductances fixes d'antiparasitage
 Partie 2-1: Spécification particulière
 cadre
 Inductances nécessitant des tests de
 sécurité - Niveau d'évaluation D
 (CEI 60938-2-1:1999)

Drosseln zur Unterdrückung
 elektromagnetischer Störungen
 Teil 2-1: Vordruck für
 Bauartspezifikation
 Drosseln, für die Sicherheitsprüfungen
 erforderlich sind - Bewertungsstufe D
 (IEC 60938-2-1:1999)

<https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-300223887592/sist-en-60938-2-1-2002>

This European Standard was approved by CENELEC on 1999-12-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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 40/1112/FDIS, future edition 1 of IEC 60938-2-1, 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 60938-2-1 on 1999-12-01.

This European Standard supersedes EN 138101:1996.

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 60938-2-1:1999 was approved by CENELEC as a European Standard without any modification.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60938-2-1:2002

<https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-300223887592/sist-en-60938-2-1-2002>

INTERNATIONAL STANDARD

IEC 60938-2-1

QC 280101

First edition
1999-10

Fixed inductors for electromagnetic interference suppression –

Part 2-1:

Blank detail specification –

**Inductors for which safety tests are required –
Assessment level D**

[SIST EN 60938-2-1:2002](https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-60938-2-1:2002)

[https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-](https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-60938-2-1:2002)

Inductances fixes d'antiparasitage –

Partie 2-1:

Spécification particulière cadre –

Inductances nécessitant des tests de sécurité –

Niveau d'évaluation D

© IEC 1999 — Copyright - all rights reserved

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Electrotechnical Commission

3, rue de Varembeé Geneva, Switzerland

Telefax: +41 22 919 0300

e-mail: inmail@iec.ch

IEC web site <http://www.iec.ch>



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE

L

For price, see current catalogue

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIXED INDUCTORS FOR ELECTROMAGNETIC
INTERFERENCE SUPPRESSION –****Part 2-1: Blank detail specification –
Inductors for which safety tests are required – Assessment level D**

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.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 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 60938-2-1 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

FDIS	Report on voting
40/1112/FDIS	40/1138/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).

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.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN 60938-2-1:2002](https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-300223887592/sist-en-60938-2-1-2002)

<https://standards.iteh.ai/catalog/standards/sist/bbc39f7e-05db-45bf-b6a3-300223887592/sist-en-60938-2-1-2002>

FIXED INDUCTORS FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION –

Part 2-1: Blank detail specification – Inductors for which safety tests are required – Assessment level D

INTRODUCTION

Blank detail specification

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they so be described.

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

- [1] The "International Electrotechnical Commission" or the National Standards Organization 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 type of inductor.
- [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.
- [8] Application or group of applications covered and/or assessment level.
- [9] Reference data on the most important properties, to allow comparison between the various inductor types.

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

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[9]

SIST EN 60938-2-1:2002

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.)

1.2 Dimensions

Table 1 – Dimensions related to case size

Case size reference or type	Dimensions						
	mm						
	<i>L</i>	<i>W</i>	<i>H</i>				

NOTE 1 – When there is no case size reference, the dimensions should be given per type designation.
NOTE 2 – The dimensions should be given as maximum dimensions or as nominal dimensions with a tolerance.