
Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment - Part 4: Transformers and inductors using YUI-2 laminations (IEC 60852-2:1996)

Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment -- Part 4: Transformers and inductors using YUI-2 laminations

Raumbedarfsmaße für Transformatoren und Drosseln für nachrichtentechnische und elektronische Einrichtungen -- Teil 4: Transformatoren und Drosseln mit YUI 2-Kernblechen

Dimensions extérieures des transformateurs et inductances destinés aux équipements électroniques et de télécommunications -- Partie 4: Transformateurs et inductances utilisant des tôles découpées YUI-2

Ta slovenski standard je istoveten z: EN 60852-4:1996

ICS:

29.180	Transformatorji. Dušilke	Transformers. Reactors
31.220.01	Elektromehanske komponente (sestavni deli, gradniki) na splošno	Electromechanical components in general

SIST EN 60852-4:2002**en**

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EUROPEAN STANDARD
 NORME EUROPÉENNE
 EUROPÄISCHE NORM

EN 60852-4

August 1996

ICS 29.180

Descriptors: Transformers and inductors, YUI-2 laminations, assembly designation, mounting styles, stack heights, vertical mounting, level mounting

English version

**Outline dimensions of transformers and inductors for use in
 telecommunication and electronic equipment
 Part 4: Transformers and inductors using YUI-2 laminations
 (IEC 852-4:1996)**

Dimensions extérieures des
 transformateurs et inductances destinés
 aux équipements électroniques et de
 télécommunications
 Partie 4: Transformateurs et
 inductances utilisant des tôles
 découpées YUI-2
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Raumbedarfsmaße für Transformatoren
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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, 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 51/416/FDIS, future edition 1 of IEC 852-4, prepared by IEC TC 51, Magnetic components and ferrite materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60852-4 on 1996-07-02.

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) 1997-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1997-04-01

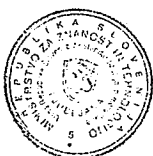
Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annex ZA is normative and annexes A and B are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 852-4:1996 was approved by CENELEC as a European Standard without any modification. standards.iteh.ai

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Annex ZA (normative)

Normative references to international publications
with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 740 A1	1982 1991	Laminations for transformers and inductors for use in telecommunication and electronic equipment	-	-
ISO 3	1973	Preferred numbers - Series of preferred numbers	-	-
ISO 273	1979	Fasteners - Clearance holes for bolts and screws	-	-
ISO 286-1	1988	ISO system of limits and fits - Part 1: Bases of tolerances, deviations and fits	-	-
ISO 965	series	ISO general purpose metric screw threads - Tolerances	-	-

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NORME
INTERNATIONALE
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STANDARD

CEI
IEC
852-4

Première édition
First edition
1996-06

Dimensions extérieures des transformateurs
et inductances destinés aux équipements
électroniques et de télécommunications –

Partie 4:
Transformateurs et inductances utilisant
des tôles découpées YUI-2

SIST EN 60852-4:2002

Outline dimensions of transformers and
inductors for use in telecommunication
and electronic equipment –

Part 4:
Transformers and inductors using
YUI-2 laminations

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**OUTLINE DIMENSIONS OF TRANSFORMERS AND INDUCTORS
 FOR USE IN TELECOMMUNICATION
 AND ELECTRONIC EQUIPMENT –**

Part 4: Transformers and inductors using YUI-2 laminations

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 cooperation 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.
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- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
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International Standard IEC 852-4 has been prepared by IEC technical committee 51: Magnetic components and ferrite materials.

The text of this standard is based on the following documents:

FDIS	Report on voting
51/416/FDIS	51/434/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.

IEC 852 consists of the following parts, under the general title:

Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment:

- Part 1: 1986, Transformers and inductors using YEI-1 laminations;
- Part 2: 1992, Transformers and inductors using YEx-2 laminations for printed wiring board mounting;
- Part 3: 1992, Transformers and inductors using YUI-1 laminations;
- Part 5: 1994, Transformers and inductors using the series Q of C-cores.

Annexes A and B are for information only.

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OUTLINE DIMENSIONS OF TRANSFORMERS AND INDUCTORS FOR USE IN TELECOMMUNICATION AND ELECTRONIC EQUIPMENT –

Part 4: Transformers and inductors using YUI-2 laminations

1 Scope

This part of IEC 852 specifies the outline dimensions of transformers and inductors, using YUI-2 laminations as specified below, built for the most commonly used forms of mounting style, namely vertical mounting and level mounting. The level mounting style is subdivided into bracket mounting, and pillar mounting and printed wiring board mounting variants.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 852. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 852 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

[SIST EN 60852-4:2002](https://standards.iteh.ai/catalog/standards/sist/57f94b49-3462-4b79-ae19-9d1606524e75/sist-en-60852-4-2002)

[https://standards.iteh.ai/catalog/standards/sist/57f94b49-3462-4b79-ae19-](https://standards.iteh.ai/catalog/standards/sist/57f94b49-3462-4b79-ae19-9d1606524e75/sist-en-60852-4-2002)

IEC 740: 1982, *Laminations for transformers and inductors for use in telecommunication and electronic equipment*
Amendment 1 (1991)

ISO 3: 1973, *Preferred numbers – Series of preferred numbers*

ISO 273: 1979, *Fasteners – Clearance holes for bolts and screws*

ISO 286-1: 1988, *ISO system of limits and fits – Part 1: Bases of tolerances, deviations and fits*

ISO 965: *ISO general purpose metric screw threads – Tolerances*

3 Laminations

For the purpose of this part of IEC 852, the laminations shall conform to the dimensions of IEC type YUI-range 2 as prescribed in table 17 of IEC 740.