

**Fixed capacitors and resistors for use
in electronic equipment - Preferred
dimensions of shaft ends, bushes and
for the mounting of single-hole, bush-
mounted, shaft-operated electronic
components**

Fixed capacitors and resistors for use in electronic equipment - Preferred dimensions of shaft ends, bushes and for the mounting of single-hole, bush-mounted, shaft-operated electronic components

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 60915:2007 sisaldab Euroopa standardi EN 60915:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 23.11.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 60915:2007 consists of the English text of the European standard EN 60915:2007.</p> <p>This document is endorsed on 23.11.2007 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>Käsitlusala: This International Standard is applicable to variable capacitors, potentiometers and variable resistors for use in electronic equipment. The dimensions given in this standard have been selected from IEC 60390 and IEC 60620 because the ranges of dimensions included in these standards were considered too large and contained too many variants for capacitors and resistors for electronic equipment. Consequently this standard contains preferred dimensions for shaft ends and bushes and for the mounting of single-hole, bush-mounted, shaft-operated variable capacitors, variable resistors and potentiometers. If other dimensions not listed in this standard have to be used, it is recommended to select them also from the above-mentioned standards.</p>	<p>Scope: This International Standard is applicable to variable capacitors, potentiometers and variable resistors for use in electronic equipment. The dimensions given in this standard have been selected from IEC 60390 and IEC 60620 because the ranges of dimensions included in these standards were considered too large and contained too many variants for capacitors and resistors for electronic equipment. Consequently this standard contains preferred dimensions for shaft ends and bushes and for the mounting of single-hole, bush-mounted, shaft-operated variable capacitors, variable resistors and potentiometers. If other dimensions not listed in this standard have to be used, it is recommended to select them also from the above-mentioned standards.</p>
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ICS 31.040, 31.060

Võtmesõnad:

EUROPEAN STANDARD

EN 60915

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2007

ICS 31.040; 31.060

English version

**Fixed capacitors and resistors for use in electronic equipment -
Preferred dimensions of shaft ends, bushes and for the mounting
of single-hole, bush-mounted, shaft-operated electronic components
(IEC 60915:2006 + corrigendum 2007)**

Résistances et condensateurs fixes
utilisés dans les équipements
électroniques -
Dimensions préférentielles concernant
les terminaisons des axes, les canons
et le montage par le canon sur trou unique
des composants électroniques munis
d'un axe de commande
(CEI 60915:2006 + corrigendum 2007)

Festkondensatoren und Widerstände zur
Verwendung in Geräten der Elektronik -
Vorzugsmaße für Wellenenden, Buchsen
und für die Einloch-Buchsenmontage
von wellenbetätigten elektronischen
Bauelementen
(IEC 60915:2006 + Corrigendum 2007)

This European Standard was approved by CENELEC on 2007-09-01. 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.

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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 40/1654/CDV, future edition 2 of IEC 60915, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 60915 on 2007-09-01.

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) 2008-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2010-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60915:2006 + corrigendum May 2007 was approved by CENELEC as a European Standard without any modification.

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Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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 60390	– ¹⁾	Dimensions of spindle ends for manually operated electronic components	HD 363 S1	1977 ²⁾
IEC 60620	– ¹⁾	Dimensions for the mounting of single-hole, bush-mounted, spindle-operated electronic components	HD 391 S3	1988 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

INTERNATIONAL STANDARD

**IEC
60915**

Second edition
2006-11

**Fixed capacitors and resistors for use
in electronic equipment – Preferred dimensions
of shaft ends, bushes and for the mounting
of single-hole, bush-mounted, shaft-operated
electronic components**



Reference number
IEC 60915:2006(E)

Publication numbering

As from 1 January 1997 all IEC publications are issued with a designation in the 60000 series. For example, IEC 34-1 is now referred to as IEC 60034-1.

Consolidated editions

The IEC is now publishing consolidated versions of its publications. For example, edition numbers 1.0, 1.1 and 1.2 refer, respectively, to the base publication, the base publication incorporating amendment 1 and the base publication incorporating amendments 1 and 2.

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International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIXED CAPACITORS AND RESISTORS FOR USE
IN ELECTRONIC EQUIPMENT –
PREFERRED DIMENSIONS OF SHAFT ENDS, BUSHES AND FOR THE
MOUNTING OF SINGLE-HOLE, BUSH-MOUNTED, SHAFT-OPERATED
ELECTRONIC COMPONENTS**

FOREWORD

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International Standard IEC 60915 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This second edition cancels and replaces the first edition published in 1987 and constitutes a minor revision, related to Tables, Figures and references.

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

CDV	Report on voting
40/1654/CDV	40/1783/RVC

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 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, 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.

The contents of the corrigendum of May 2007 have been included in this copy.

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2 Normative references

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IEC 60390, *Dimensions of spindle ends for manually operated electronic components*

IEC 60620, *Dimensions for the mounting of single-hole, bush-mounted, spindle-operated electronic components*

3 Preferred dimensions of shaft ends and bushes

All dimensions are in mm.