



**NSAI**  
Standards

Irish Standard  
I.S. EN 60301:2012

# Preferred diameters of wire terminations of capacitors and resistors (IEC 60301:2012 (EQV))

## I.S. EN 60301:2012

*Incorporating amendments/corrigenda issued since publication:*

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60301**

October 2012

ICS 31.040; 31.060

Supersedes HD 349 S1:1977

English version

**Preferred diameters of wire terminations of capacitors  
and resistors  
(IEC 60301:2012)**

Valeurs préférentielles des diamètres  
des fils de sorties des condensateurs  
et résistances  
(CEI 60301:2012)

Bevorzugte Durchmesser  
für Anschlussdrähte an Kondensatoren  
und Widerständen  
(IEC 60301:2012)

This European Standard was approved by CENELEC on 2012-08-17. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre 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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## **Foreword**

The text of document 40/2153/FDIS, future edition 3 of IEC 60301, prepared by IEC/TC 40 "Capacitors and resistors for electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60301:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-05-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-08-17

This document supersedes HD 349 S1:1977.

EN 60301:2012 includes the following significant technical changes with respect to HD 349 S1:1977:

- employment of SI units only in the normative part of this standard, causing transfer of all imperial dimensions from Table 1 to the informative Annex A;
- addition of two smaller diameters of wire terminations in Table 1; and
- tightening of the tolerance ranges defined by minimum and maximum diameters in Table 1.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

## **Endorsement notice**

The text of the International Standard IEC 60301:2012 was approved by CENELEC as a European Standard without any modification.

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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### **PREFERRED DIAMETERS OF WIRE TERMINATIONS OF CAPACITORS AND RESISTORS**

#### FOREWORD

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International Standard IEC 60301 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This third edition cancels and replaces the second edition, published in 1971, and its Amendment A.1, published in 1972, and constitutes a technical revision.

The main technical changes with respect to the second edition are the following:

- employment of SI units only in the normative part of this standard, causing transfer of all imperial dimensions from Table 1 to the informative Annex A,
- addition of two smaller diameters of wire terminations in Table 1, and
- tightening of the tolerance ranges defined by minimum and maximum diameters in Table 1.

**I.S. EN 60301:2012**

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

FDIS	Report on voting
40/2153/FDIS	40/2165/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 2.

The committee has decided that the contents of this publication will remain unchanged until the stability 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
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