



NSAI
Standards

Irish Standard
I.S. EN 62490-1:2010

ESL measuring method -- Part 1:
Capacitors with lead terminal for use in
electronic equipment (IEC 62490
-1:2010 (EQV))

I.S. EN 62490-1:2010

Incorporating amendments/corrigenda issued since publication:

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<i>This document replaces:</i>	<i>This document is based on:</i> EN 62490-1:2010	<i>Published:</i> 3 September, 2010
This document was published under the authority of the NSAI and comes into effect on: 7 September, 2010		ICS number: 31.060.01
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EUROPEAN STANDARD

EN 62490-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2010

ICS 31.060.01

English version

**ESL measuring method -
Part 1: Capacitors with lead terminal for use in electronic equipment
(IEC 62490-1:2010)**

Méthode de mesure de l'ESL -
Partie 1: Condensateurs à bornes
de sortie utilisés dans les équipements
électroniques
(CEI 62490-1:2010)

ESL-Messverfahren -
Teil 1: Kondensatoren
mit Anschlussdrähten zur Verwendung
in Geräten der Elektrotechnik
und Elektronik
(IEC 62490-1:2010)

This European Standard was approved by CENELEC on 2010-09-01. 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.

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.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 40/2044/FDIS, future edition 1 of IEC 62490-1, 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 62490-1 on 2010-09-01.

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

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) 2011-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2013-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62490-1:2010 was approved by CENELEC as a European Standard without any modification.

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 60384-1	2008	Fixed capacitors for use in electronic equipment - Part 1: Generic specification	EN 60384-1	2009

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ESL MEASURING METHOD –

**Part 1: Capacitors with lead terminal
for use in electronic equipment**

FOREWORD

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International Standard IEC 62490-1 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

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

FDIS	Report on voting
40/2044/FDIS	40/2056/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.

A list of all the parts in the IEC 62490 series, under the general title *ESL measuring method*, can be found on the IEC website.

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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