

Power capacitors for induction heating installations —

Part 1: General

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British Standard

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee PEL/33, Power capacitors, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the change over from one numbering system to the other, publications may contain identifiers from both systems.

Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 18, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been prepared under the direction of the Electrotechnical Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 December 1998

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Amendments issued since publication

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Descriptors: Induction heating, capacitors, power capacitors, capacitor banks, definitions, generalities, quality, capacity measurements, dielectric strength tests, leak test, thermal stability, safety, installation, marking

English version

Power capacitors for induction heating installations Part 1: General

(IEC 60110-1:1998)

Condensateurs de puissance pour les
installations de génération de chaleur
par induction
Partie 1: Généralités
(CEI 60110-1:1998)

Leistungskondensatoren für induktive
Erwärmungsanlagen
Teil 1: Allgemeines
(IEC 60110-1:1998)

This European Standard was approved by CENELEC on 1998-08-01. 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 33/289/FDIS, future edition 1 of IEC 60110-1, prepared by IEC TC 33, Power capacitors, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60110-1 on 1998-08-01.

This European Standard supersedes HD 207 S1:1977.

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) 1999-05-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2001-05-01

Annexes designated “normative” are part of the body of the standard.

Annexes designated “informative” are given for information only.

In this standard, Annex A and Annex ZA are normative and Annex B and Annex C are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60110-1:1998 was approved by CENELEC as a European Standard without any modification.

In the official version, for Annex C, Bibliography, the following notes have to be added for the standards indicated:

IEC 60252	NOTE Harmonized as EN 60252:1994 (modified).
IEC 60358	NOTE Harmonized as HD 597 S1:1992 (not modified).
IEC 61048	NOTE Harmonized as EN 61048:1993 (modified).
IEC 61049	NOTE Harmonized as EN 61049:1993 (modified).
IEC 61071-1	NOTE Harmonized as EN 61071-1:1996 (modified).
IEC 61270-1	NOTE Harmonized as EN 61270-1:1996 (not modified).

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