

Shunt capacitors for a.c. power systems having a rated voltage above 1000 V —

Part 2: Guide to endurance testing —

(Implementation of
CENELEC HD 525.2 S1:1989,
including amendment A1:1991)

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Power Electrical Engineering Standards Policy Committee (PEL/-) to Technical Committee PEL/46, upon which the following bodies were represented:

- Association of Consulting Engineers
- British (AC) Capacitor Manufacturers' Association (BEAMA Ltd)
- Department of the Environment, Property Services Agency
- ERA Technology Ltd
- Electricity Supply Industry in England and Wales
- Rotating Electrical Machines Association (BEAMA Ltd)

This British Standard, having been prepared under the direction of the Power Electrical Engineering Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 July 1990

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The following BSI references relate to the work on this standard:
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National foreword

This Part of BS 7264 has been prepared under the direction of the Power Electrical Engineering Standards Policy Committee. It is identical with IEC Publication 871-2:1987 “*Shunt capacitors for power systems having a rated voltage above 1 000 V*” Part 2 “*Endurance testing*”, published by the International Electrotechnical Commission (IEC).

Cross-references

International Standard	Corresponding British Standard
IEC 70:1967	BS 1650:1971 <i>Specification for capacitors for connection to power-frequency systems</i> (Technically equivalent)
IEC 871-1:1987	BS 7264 <i>Shunt capacitors for a.c. power systems having a rated voltage above 1 000 V</i> Part 1:1990 <i>Specification for performance, testing and use</i> (Identical)

The Technical Committee has reviewed the provisions of IEC 143:1972, to which reference is made in the text, and for which there is no corresponding British Standard, and has decided that they are acceptable for use in conjunction with this standard.

This standard implements CENELEC Harmonization Document (HD) 525.2 S1:1989, including amendment A1:1991.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the HD title page, pages 2 to 10, 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.

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English version

Shunt capacitors for a.c. power systems
having a rated voltage above 1 000 V
Part 2: Endurance testing

(include amendment A1:1991)

Condensateurs shunt destinés à être
installés sur des réseaux à courant alternatif
de tension assignée supérieure à 1 000 V
Deuxième partie: Essais d'endurance
(inclut l'amendement A1:1991)

Parallelkondensatoren für Wechselspannungs-
Starkstromanlagen mit einer Nennspannung
über 1 000 V
Teil 2: Lebensdauerprüfung
(enthält Änderungen A1:1991)

This Harmonization Document was approved by CENELEC on 1989-06-12. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

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
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