
Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 kV -- Part 2: Ageing test, self-healing test and destruction test (IEC 60831-2:1995)

Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 kV -- Part 2: Ageing test, self-healing test and destruction test

Selbstheilende Leistungs-Parallelkondensatoren für Wechselstromanlagen mit einer Nennspannung bis 1 kV -- Teil 2: Alterungsprüfung, Selbstheilungsprüfung und Zerstörungsprüfung

Condensateurs shunt de puissance autorégénérateurs destinés à être installés sur des réseaux à courant alternatif de tension assignée inférieure ou égale à 1 kV -- Partie 2: Essais de vieillissement, d'autorégénération et de destruction

Ta slovenski standard je istoveten z: EN 60831-2:1996

ICS:

31.060.70 Močnostni kondenzatorji Power capacitors

SIST EN 60831-2:1999

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60831-2

March 1996

ICS 31.060.70

Supersedes EN 60831-2:1993

Descriptors: Electronic components, power capacitors, self-healing capacitors, shunts, alternating current, ageing tests, destructive tests, testing conditions

English version

**Shunt power capacitors of the self-healing type for a.c. systems
having a rated voltage up to and including 1 kV
Part 2: Ageing test, self-healing test and destruction test
(IEC 831-2:1995)**

Condensateurs shunt de puissance
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d'autorégénération et de destruction
(CEI 831-2:1995)

Selbstheilende
Leistungs-Parallelkondensatoren
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Nennspannung bis 1 kV
Teil 2: Alterungsprüfung,
Selbstheilungsprüfung und
Zerstörungsprüfung
(IEC 831-2:1995)

This European Standard was approved by CENELEC on 1996-03-05. 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, 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 33/206/FDIS, future edition 2 of IEC 831-2, prepared by IEC TC 33, Power capacitors, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60831-2 on 1996-03-05.

This European Standard supersedes EN 60831-2:1993.

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) 1996-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1996-12-01

For products which have complied with EN 60831-2:1993 before 1996-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-12-01.

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annex A is informative.

Annex ZA has been added by CENELEC.

Endorsement notice

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The text of the International Standard IEC 831-2:1995 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 241	1968	Fuses for domestic and similar purposes	-	-
IEC 831-1 (mod)	1988	Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 kV Part 1: General - Performance, testing and rating - Safety requirements - Guide for installation and operation		
+ A1	1991			
+ A2	1993		EN 60831-1 ¹⁾	1993
IEC 871-1	1987	Shunt capacitors for a.c. power systems having a rated voltage above 660 V Part 1: General - Performance, testing and rating - Safety requirements - Guide for installation and operation	HD 525.1 S1	1989
A1	1991		A1	1991
IEC 931-1 (mod)	1989	Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV Part 1: General - Performance, testing and rating - Safety requirements - Guide for installation and operation		
+ A1	1991		EN 60931-1	1993

1) EN 60831-1 includes the corrigendum January 1989 to IEC 831-1.

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC
831-2**

Deuxième édition
Second edition
1995-12

**Condensateurs shunt de puissance
autorégénérateurs destinés à être installés
sur des réseaux à courant alternatif de tension
assignée inférieure ou égale à 1 000 V**

iTeh STANDARD PREVIEW

Partie 2:

**Essais de vieillissement, d'autorégénération
et de destruction**

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**Shunt power capacitors of the self-healing type
for a.c. systems having a rated voltage
up to and including 1 000 V**

Part 2:

Ageing test, self-healing test and destruction test

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CONTENTS

	Page
FOREWORD	5
Clause	
SECTION 1: GENERAL	
1 Scope	7
2 Normative references	7
SECTION 2: QUALITY REQUIREMENTS AND TESTS	
17 Ageing test	9
18 Self-healing test	13
19 Destruction test	13
iTeh STANDARD PREVIEW (standards.iteh.ai)	
Annex A – Self-healing breakdown test equipment that may be used	21

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SHUNT POWER CAPACITORS OF THE SELF-HEALING TYPE FOR A.C. SYSTEMS HAVING A RATED VOLTAGE UP TO AND INCLUDING 1 000 V –

Part 2: Ageing test, self-healing test and destruction test

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 831-2 has been prepared by IEC technical committee 33: Power capacitors.

This second edition cancels and replaces the first edition which was issued as a technical report in 1988. It constitutes a technical revision and now has the status of an International Standard.

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

FDIS	Report on voting
33/206/FDIS	33/219/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.

Annex A is for information only.