



**SLOVENSKI STANDARD**  
**SIST EN 60871-4:2001**  
**01-september-2001**

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**Shunt capacitors for a.c. power systems having a rated voltage above 1 kV - Part 4: Internal fuses**

Shunt capacitors for a.c. power systems having a rated voltage above 1 kV -- Part 4: Internal fuses

Parallelkondensatoren für Wechselspannungs-Starkstromanlagen mit einer Nennspannung über 1 kV -- Teil 4: Eingebaute Sicherungen

Condensateurs shunt pour réseaux à courant alternatif de tension assignée supérieure à 1 kV -- Partie 4: Fusibles internes

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**Ta slovenski standard je istoveten z: EN 60871-4:1996**

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**ICS:**

29.120.50	Xæ[ çæ\ ^Á Ái\ * æ { ^áç \ [ ç} æÁ æz ææ	Fuses and other overcurrent protection devices
31.060.70	T [ ] [ • ç ä [ ] á ^ } : æ [ ] ä	Power capacitors

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**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60871-4**

September 1996

ICS 29.120.50

Descriptors: Power capacitors, instrument shunts, alternating current, cutouts, performance evaluation, tests

English version

**Shunt capacitors for a.c. power systems having  
a rated voltage above 1 kV  
Part 4: Internal fuses  
(IEC 871-4:1996)**

Condensateurs shunt pour réseaux  
à courant alternatif de tension  
assignée supérieure à 1 kV  
Partie 4: Fusibles internes  
(CEI 871-4:1996)

Parallelkondensatoren für  
Wechselspannungs-Starkstromanlagen  
mit einer Nennspannung über 1 kV  
Teil 4: Eingebaute Sicherungen  
(IEC 871-4:1996)

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This European Standard was approved by CENELEC on 1996-07-02. 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 33/222/FDIS, future edition 1 of IEC 871-4, prepared by IEC TC 33, Power capacitors, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60871-4 on 1996-07-02.

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) 1997-05-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1997-05-01

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given for information only.  
In this standard, annexes A and ZA are normative and annex B is informative.  
Annex ZA has been added by CENELEC.

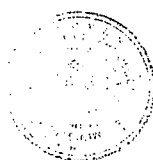
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### Endorsement notice

The text of the International Standard IEC 871-4:1996 was approved by CENELEC as a European Standard without any modification.

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## 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 871-1	1987	Shunt capacitors for a.c. power systems having a rated voltage above 1 kV Part 1: General - Performance, testing and rating - Safety requirements Guide for installation and operation	HD 525.1 S1	1989
A1	1991		A1	1991

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC

871-4

Première édition  
First edition  
1996-08

Condensateurs shunt pour réseaux à courant  
alternatif de tension assignée supérieure à 1 000 V –

Partie 4:  
Fusibles internes

iTeh STANDARD PREVIEW

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Shunt capacitors for a.c. power systems  
having a rated voltage above 1 000 V –

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Part 4:  
Internal fuses

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International Electrotechnical Commission  
Международная Электротехническая Комиссия

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For price, see current catalogue

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

SHUNT CAPACITORS FOR AC POWER SYSTEMS  
HAVING A RATED VOLTAGE ABOVE 1 000 V –

## Part 4: Internal fuses

## 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 co-operation 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 871-4 has been prepared by IEC technical committee 33: Power capacitors.

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

FDIS	Report on voting
33/222/FDIS	33/245/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 forms an integral part of this standard.

Annex B is for information only.