Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN IEC 62836:2024

Measurement of internal electric field in insulating materials - Pressure wave propagation method

Mesurage du champ électrique interne dans les matériaux isolants - Méthode de l'onde de pression

Messung des inneren elektrischen Feldes in Isoliermaterialien - Methode der Druckwellenausbreitung

04/2024

National Foreword

This European Standard EN IEC 62836:2024 was adopted as Luxembourgish Standard ILNAS-EN IEC 62836:2024.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62836

April 2024

ICS 17.220.99; 29.035.01

English Version

Measurement of internal electric field in insulating materials - Pressure wave propagation method (IEC 62836:2024)

Mesurage du champ électrique interne dans les matériaux isolants - Méthode de l'onde de pression (IEC 62836:2024)

Messung des inneren elektrischen Feldes in Isoliermaterialien - Methode der Druckwellenausbreitung (IEC 62836:2024)

This European Standard was approved by CENELEC on 2024-04-03. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN IEC 62836:2024 E

European foreword

The text of document 112/627/FDIS, future edition 1 of IEC 62836, prepared by IEC/TC 112 "Evaluation and qualification of electrical insulating materials and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62836:2024.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2025-01-03
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2027-04-03

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

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 62836:2024 was approved by CENELEC as a European Standard without any modification.

IEC 62836

Edition 1.0 2024-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Measurement of internal electric field in insulating materials – Pressure wave propagation method

Mesurage du champ électrique interne dans les matériaux isolants – Méthode de l'onde de pression

IEC 62836:2024-02(en-fr)

CONTENTS