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# **INTERNATIONAL STANDARD**

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**High-voltage switchgear and controlgear –  
Part 37-082: Standard practice for the measurement of sound pressure levels on  
alternating current circuit-breakers**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## HIGH-VOLTAGE SWITCHGEAR AND CONTROLGEAR –

### Part 37-082: Standard practice for the measurement of sound pressure levels on alternating current circuit-breakers

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International Standard IEC/IEEE 62271-37-082 has been prepared by subcommittee 17A: High-voltage switchgear and controlgear, of IEC technical committee 17: Switchgear and controlgear, in cooperation with the Switchgear Committee of the IEEE Power & Energy Society<sup>1</sup>, under the IEC/IEEE Dual Logo Agreement between IEC and IEEE.

This publication is published as an IEC/IEEE Dual Logo standard.

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

FDIS	Report on voting
17A/1014/FDIS	17A/1023/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.

International standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 62271 series can be found, under the general title *High-voltage switchgear and controlgear*, on the IEC website.

The IEC Technical Committee and IEEE Technical Committee have decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this standard may be issued at a later date.

The contents of the corrigendum of January 2014 have been included in this copy.

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<sup>1</sup> A list of IEEE participants can be found at the following URL:  
[http://standards.ieee.org/downloads/62271-37-082/62271-37-082-2012/62271-37-082\\_wg-participants.pdf](http://standards.ieee.org/downloads/62271-37-082/62271-37-082-2012/62271-37-082_wg-participants.pdf)

## **HIGH-VOLTAGE SWITCHGEAR AND CONTROLGEAR –**

### **Part 37-082: Standard practice for the measurement of sound pressure levels on alternating current circuit-breakers**

#### **1 Scope**

This part of International Standard 62271 provides methods for the measurement of sound pressure level produced by outdoor alternating current circuit-breakers in a free-field environment. These methods may also be used indoors or in restricted field, provided that precautions are observed in the measurement and interpretation of the results.