

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Low-voltage electrical installations –  
Part 4-43: Protection for safety – Protection against overcurrent**

**Installations électriques à basse tension –  
Partie 4-43: Protection pour assurer la sécurité – Protection contre les  
surintensités**





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ELECTROTECHNICAL  
COMMISSION

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## LOW-VOLTAGE ELECTRICAL INSTALLATIONS –

### Part 4-43: Protection for safety – Protection against overcurrent

#### FOREWORD

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IEC 60364-4-43 has been prepared by IEC technical committee 64: Electrical installations and protection against electric shock. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2008. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the standard has been restructured, see Table 1 (Correspondence between IEC 60364-4-43:2008 and this document) below;
- b) the measure "automatic disconnection of supply" has been designated as the preferred measure for protection against overcurrent;
- c) all measures except the measure "automatic disconnection of supply" have been transferred into new normative annexes to indicate that these measures are usable in certain applications and under certain restricted conditions only (see Annex A, Annex B and Annex E);

- d) a new clause "Terms and definitions" has been added;
- e) new requirements have been added for the protection of the neutral or mid-point conductor (with and without triplen harmonics).

The text of this International Standard is based on the following documents:

Draft	Report on voting
64/2591/FDIS	64/2618/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

A list of all parts in the IEC 60364 series, published under the general title *Low-voltage electrical installations*, can be found on the IEC website.

The reader's attention is drawn to the fact that Annex F lists all of the "in-some-country" clauses on differing practices of a less permanent nature relating to the subject of this document.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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