IEC 60364-4-43

Edition 3.0 2008-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

FOREWORD

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

This third edition cancels and replaces the second edition, published in 2001, and constitutes a technical revision.

The main changes with respect to the previous edition are listed below:

– Annex B "IEC 60364 – Parts 1 to 6: Restructuring" deleted.
– Introduction of new informative Annexes B, C and D.
– Information concerning flexible cables added to Scope.
– The word "phase" changed to "line" throughout the standard.
– Requirement not to distribute the neutral in IT systems changed to a NOTE.
– Requirements added for overload detection for the neutral conductor for harmonic currents.

– Requirement that devices for protection against short-circuit current be capable of making as well as breaking short-circuit current added.
– Information added to clarify protection against overload current.
– Requirements where devices for protection against overload need not be provided expanded.
– More examples given where omission of devices for protection against overload is permitted.
– Requirements where devices for protection against short-circuit need not be provided expanded.
– Requirements for short-circuit current ratings of busbar trunking systems added.

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

FDIS	Report on voting
64/1641/FDIS	64/1656/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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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

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

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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.

The contents of the corrigendum of October 2008 have been included in this copy.