

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Magnetic materials –  
Part 11: Methods of measurement of the surface insulation resistance of  
electrical steel strip and sheet**

**Matériaux magnétiques –  
Partie 11: Méthodes de mesurage de la résistance d'isolement superficiel des  
bandes et tôles en acier électrique**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**MAGNETIC MATERIALS –****Part 11: Methods of measurement of the surface  
insulation resistance of electrical steel strip and sheet****FOREWORD**

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IEC 60404-11 has been prepared by IEC technical committee 68: Magnetic alloys and steels. It is an International Standard.

This second edition cancels and replaces the first edition published in 1991, Amendment 1:1998 and Amendment 2:2012. This edition constitutes a technical revision.

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

- a) Method B has been deleted and the measurement of individual currents through each contact button is enabled by Method A;
- b) an improved arrangement of the test apparatus and the voltage stabilizing circuit for Method A, "Arrangement B", is introduced.
- c) an alternative layout using two pairs of contact assemblies in opposing position of the test specimen is introduced;

- d) the restriction: “The same area of the test specimen shall not be used to test both sides.” has been deleted.

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

CDV	Report on voting
68/665/CDV	68/681/RVC

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/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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