

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Electrical insulating materials – Thermal endurance properties –  
Part 5: Determination of relative temperature index (RTI) of an insulating material**

**Matériaux isolants électriques – Propriétés d'endurance thermique –  
Partie 5: Détermination de l'indice de température relatif (ITR) d'un matériau  
isolant**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICAL INSULATING MATERIALS –  
THERMAL ENDURANCE PROPERTIES –****Part 5: Determination of relative  
temperature index (RTI) of an insulating material**

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IEC 60216-5 has been prepared by IEC technical committee 112: Evaluation and qualification of electrical insulating materials and systems. 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) Annex C “Computer program” has been completely reworked;
- b) in 3.1, the terms “ATE” and “RTE” were replaced by “ATI” and “RTI” to emphasize their reference to an electrical insulating material (EIM).

This standard is to be read in conjunction with IEC 60216-1:2013, IEC 60216-2:2005 and IEC 60216-3:2021.

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

Draft	Report on voting
112/582/FDIS	112/588/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/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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