

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

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



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

FOREWORD

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International Standard IEC 60216-5 has been prepared by IEC technical committee 112: Evaluation and qualification of electrical insulating materials and systems.

This third edition cancels and replaces the second edition, published in 2003, and constitutes a technical revision.

This third edition clarifies and corrects a few items and adds an Annex D which provides criteria for the selection of the reference (or reference EIM). The third edition provides instructions for deriving a provisional estimate of the temperature up to which a material may give satisfactory performance in an application (by comparative thermal ageing with a material of known performance).

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

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

FDIS	Report on voting
112/89/FDIS	112/94/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 list of all the parts of the IEC 60216 series, under the general title *Electrical insulating materials – Thermal endurance properties*, can be found on the IEC website.

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- withdrawn,
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- amended.

The contents of the corrigendum of December 2009 have been included in this copy.

Witholded