

INTERNATIONAL STANDARD



Components for low-voltage surge protection – Part 331: Performance requirements and test methods for metal oxide varistors (MOV)



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COMPONENTS FOR LOW-VOLTAGE SURGE PROTECTION –**Part 331: Performance requirements and test methods
for metal oxide varistors (MOV)**

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International Standard IEC 61643-331 has been prepared by subcommittee 37B: Components for low-voltage surge protection, of IEC technical committee 37: Surge arresters.

This third edition cancels and replaces the second edition published in 2017. This edition constitutes a technical revision.

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

- a) a Varistor MCOV rating assurance test;
- b) an energy rating test (2ms);
- c) revised Dielectric strength and insulation resistance tests.

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

FDIS	Report on voting
37B/211/FDIS	37B/214/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

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

A list of all parts of IEC 61643 series, under the general title *Components for low-voltage surge protective devices*, can be found on the IEC website.

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

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