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Selection and dimensioning of high-voltage insulators intended for use in polluted conditions -
Part 2: Ceramic and glass insulators for AC systems

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Selection and dimensioning of high-voltage insulators intended for use in polluted conditions - Part 2: Ceramic and glass insulators for AC systems

FOREWORD

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IEC TS 60815-2 has been prepared by IEC technical committee 36: Insulators. It is a Technical Specification.

This second edition of IEC TS 60815-2, together with IEC TS 60815-1, cancels and replaces the first edition of IEC TS 60815-2 published in 2008. This edition constitutes a technical revision.

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

a) Some terms and definitions are modified or introduced in this document, such as USCD, nominal creepage distance, RUSCD, creepage factor, insulator trunk, etc.;

b) From RUSCD of reference insulator to USCD of candidate insulator, the correction factors are introduced and revised, such as altitude correction, diameter correction, shed profile correction and parallel insulator number correction;

c) Profile suitability on ceramic and glass insulators was simplified.

The text of this Technical Specification is based on the following documents:

Draft	Report on voting
36/615/DTS	36/635/RVDTS

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 Technical Specification 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. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all the parts in the future IEC 60815 series, under the general title *Selection and dimensioning of high-voltage insulators intended for use in polluted conditions*, 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 webstore.iec.ch in the data related to the specific document. At this date, the document will be

– reconfirmed,

– withdrawn, or

– revised.