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Draft Indian Standard

INSULATORS FOR OVERHEAD LINES WITH A NOMINAL VOLTAGE ABOVE 1 000 V – CERAMIC INSULATORS FOR AC SYSTEMS - CHARACTERISTICS OF INSULATOR UNITS OF THE LONG ROD TYPE

Last date of receipt of comments is **12 November 2021**-----
Electrical Insulators and Accessories Sectional Committee, ETD 06

NATIONAL FOREWORD

(Formal clauses to be added later)

This draft Indian Standard is identical with IEC 60433:2021 ‘Insulators for overhead lines with a nominal voltage above 1 000 V – Ceramic insulators for ac systems - Characteristics of insulator units of the long rod type’ issued by International Electrotechnical Commission (IEC).

The text of IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

| <i>International Standard</i> | <i>Corresponding Indian Standard</i> | <i>Degree of Equivalence</i> |
|---|---|-----------------------------------|
| IEC 60383-1, Insulators for overhead lines with a nominal voltage above 1 000 V – Part 1: Ceramic or glass insulator units for AC systems – Definitions, test methods and acceptance criteria | IS/IEC 60383-1 : 1993 Insulators for Overhead Lines with a Nominal Voltage Above 1 000 V Part 1 Ceramic or Glass Insulator Units for a.c. Systems — Definitions, Test Methods and Acceptance Criteria | Identical with IEC 60383-1 : 1993 |

Only the English language text has been retained while adopting it in this Indian Standard, and as such, the page numbers given here are not the same as in the IEC Publication.

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding of numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Note: The technical content of the document is not available on website. For details, please refer the corresponding **IEC 60433:2021** or kindly contact:

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