

ट्यापक परिचालन में मसौदा

प्रलेख प्रेषण संज्ञापन

संदर्भ

दिनांक

ईटी 39/टी-6

21-12-2011

तकनीकी समिति : ईटी 39

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प्रेषती :

1. ईटी 39 के सभी सदस्य
2. विद्युत तकनीकी विभाग परिषद के सभी सदस्य तथा
3. रूचि रखने वाले अन्य सभी निकाय

महोदय,

कृप्या निम्नलिखित मसौदे की एक प्रति संलग्न है :

प्रलेख संख्या

शीर्षक

1. प्रलेख : ईटी 39 | 6431 | उच्च वोल्टता ंयूज – भाग 1 करंट-लिमिटिंग ंयूज

कृप्या इस मसौदे का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि अंततः यदि ये मानक के रूप में प्रकाशित हो जाएँ तो इस पर अमल करने में आपके व्यघसाय अथवा कारोबार में क्या कठिनाइयाँ आ सकती हैं ।

सम्मतियाँ भेजने की अंतिम तारीख 28-02-2012

सम्मतियाँ यदि कोई हो तो कृप्या अगले पृष्ठ पर दिए पत्र में अधोहस्ताक्षरी को उपरिलिखित पते पर भेज दें ।

धन्यवाद,

भवदीय,

।आर के त्रेहन ।

वैज्ञानिक एफ एवं प्रमुख (विद्युत तकनीकी)

संलग्न : उपरिलिखित

**DRAFT IN
WIDE CIRCULATION**

DOCUMENT DESPATCH ADVICE

**Our Ref
ET 39/T-6**

**Date
21-12-11**

TECHNICAL COMMITTEE : ET 39

ADDRESSED TO:

1. All Members of Fuses Sectional Committee, ET 39;
2. All Members of Electrotechnical Division Council; and
3. All Interested.

Dear Sir(s),

Please find enclosed one copy of the following draft:

<u>DOC NO.</u>	<u>TITLE</u>
1. DOC: ET 39 (6431)	High-voltage fuses – Part 1: Current-limiting fuses

Kindly examine this draft and forward your views stating any difficulties which you are likely to experience in your business or profession, if this is finally adopted as **STANDARDS**.

Comments, if any, may please be made in the format given overleaf and mailed to the undersigned.

Last date for comments: **28-02-2012**.

Thanking you,

Yours faithfully

(R.K. Trehan)
Sc 'F' & Head (Electrotechnical)

Email: cetd@bis.org.in

Encl: As above

NATIONAL FOREWORD

This Indian Standard (Part 1) which is identical with IEC 60282-1 : 2009 ‘High-voltage fuses – Part 1: Current-limiting fuses’ issued by the International Electrotechnical Commission (IEC) would be considered for adoption by the Bureau of Indian Standards on the recommendations of the Fuses Sectional Committee and approval of the Electrotechnical Division Council.

This standard was first published as IS 9385 (Part 1) : 1979, for which assistance had been derived from IEC 60282-1 : 1974. This revision has been undertaken to align the requirements with the latest IEC standard and would supersede IS 9385(Part 1).

The text of IEC Standard would be considered for approval as suitable for publication as an Indian Standard without deviations. Certain 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, references appear to certain International Standards for which Indian Standards also exist. The corresponding Indian Standard which is to be substituted in their respective places is 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 60060-1 : 1989, High-voltage test techniques – Part 1: General definitions and test requirements	IS 2071 (Part 1) : 1993 High voltage test techniques: Part 1 General definitions and test requirements	Identical
IEC 60071-1 : 2006, Insulation co-ordination – Part 1: Definitions, principles and rules	IS 2165 (Part 1) : 1977 Insulation coordination: Part 1 Phase to earth insulation coordination principles and rules	Technically equivalent
IEC 60085 : 2007, Electrical insulation – Thermal evaluation and designation	IS 1271 : 1985 Thermal evaluation and classification of electrical insulation	--do--
IEC 60265-1 : 1998, High-voltage switches – Part 1: Switches for rated voltages above 1 kV and less than 52 kV	IS 9920 (Part 1) : 2002 High Voltage Switches: Part 1 Switches for rated voltages above 1 kV and less than 52 kV	Identical
IEC 60549 : 1976, High-voltage fuses for the external protection of shunt power capacitors	IS 9402 : 1980 High voltage fuses for the external protection of shunt power capacitors	Technically equivalent

IEC 60644:1979, Specification for high-voltage fuse-links for motor circuit applications	IS 10624 : 1983 High voltage fuse-links for motor circuit applications	--do--
IEC 62271-105:2002, High-voltage switchgear and controlgear – Part 105: Alternating current switch-fuse combinations	IS/IEC IEC 62271-105 : 2002 High-voltage switchgear and controlgear: Part 105: Alternating current switch-fuse combinations	Identical
ISO 148-2 Metallic materials – Charpy pendulum impact test – Part 2: Verification of test Machines	IS 15420 : 2003 Metallic materials - Charpy pendulum impact test - Preparation and characterization of Charpy V reference test pieces for verification of test machines	Technically equivalent
ISO 179 (all parts) Plastics – Determination of Charpy impact properties	IS 13360 (Part 5 /Sec 5): 1996 Plastics - Methods of testing: Part 5 Mechanical properties sec 5 determination of Charpy impact strength	Identical to ISO 179 : 1993

The technical committee would review the provisions of the following International Standards referred in this adopted standard and would decide whether they are acceptable for use in conjunction with this standard:

International standard

Title

IEC/TR 60787:2007

Application guide for the selection of high-voltage current-limiting fuse links for transformer circuits

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, 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.

Only 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 International Standard.

Note: The technical content of the documents is not available on website. For details, please refer the corresponding IEC 60282-1 : 2009 or kindly contact:

Head

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