ETD 39 (18582)
IS/IEC 60282 (Part 4)

भारतीय मानक

उच्च- वोल्टता फ़्यूज़
भाग 4: पोलीमेरिक इन्सुलेटर का उपयोग करने वाले उच्च- वोल्टता निष्काशन फ़्यूज़ के लिए अतिरिक्त परीक्षण आवश्यकताएँ

Indian Standard

High-Voltage Fuses–
Part 4: Additional Testing Requirements for High-Voltage Expulsion Fuses Utilizing Polymeric Insulators

ICS 29.120.50

B U R E A U O F I N D I A N S T A N D A R D S
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December 2021 **Price Group**

Fuses Sectional Committee, ETD 39

NATIONAL FOREWORD

This draft Indian Standard which is identical with IEC 60282-4:2020 'High Voltage Fuses –Part 4: Additional testing requirements for high-voltage expulsion fuses utilizing polymeric insulators' issued by the International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of the Fuses Sectional Committee and approval of the Electrotechnical Division Council.

The text of IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminology 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:

International Standard	Corresponding Indian Standard	Degree of Equivalence
IEC 60060-1:2010, High-voltage test techniques – Part 1: General definitions and test requirements	IS 2071 : Part 1:2016/ IEC 60060-1 : 2010	Identical
IEC 60282-2:2008, High-voltage fuses – Part 2: Expulsion fuses	IS 9385 (Part 2) : 2018 IEC 60282-2 : 2008, 'High-voltage fuses — Part 2: Expulsion fuses'	Identical
ISO 4287, Geometrical Product Specifications (GPS) – Surface Texture: Profile method – Terms, definitions and surface texture parameters	IS 15262:2002/ ISO 4287 : 1997, Geometrical Product Specifications (GPS) – Surface Texture: Profile Method - Terms, Definitions and Surface Texture Parameters	Identical with ISO 4287 : 1997
ISO 868, Plastics and ebonite – Determination of indentation hardness by means of a	IS 13360 (Part 5/Sec 11) : 2013 ISO 868 : 2003, Plastics - Methods of testing: Part 5 Mechanical	Identical with ISO 868 : 2003

durometer (Shore hardness)	Properties section 11 Determination of Indentation Hardness by Means of Durometer (Shore Hardness)

The technical committee has reviewed the provision of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

International Standard	Title
ISO 4892-2	Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc Lamps

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.

Note: The technical content of the document is not available on website. For details, please refer the corresponding IEC 60282-4:2020 or kindly contact:

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