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(JCMA)

Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 8: Cords for applications requiring high flexibility

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by the Japanese Electric Wire & Cable Makers' Association (JCMA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS C 3663-8**:2003 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public.

JIS C 3663 series consists of the following 8 parts under the general title "*Rubber insulated cables—Rated voltages up to and including 450/750 V*":

Part 1: General requirements

Part 2: Test methods

Part 3: Heat resistant silicone insulated cables

Part 4: Cords and flexible cables

Part 5: Lift cables

Part 6: Arc welding electrode cables

Part 7: Heat resistant ethylene-vinyl acetate rubber insulated cables

Part 8: Cords for applications requiring high flexibility

Rubber insulated cables—Rated voltages up to and including 450/750 V— Part 8: Cords for applications requiring high flexibility

Introduction

This Japanese Industrial Standard has been prepared based on Edition 1.1 of **IEC 60245-8** published in 2004 with some modifications of the technical contents so that this Standard is in compliance with Paragraph 2 of Ministerial Ordinance stipulating the technical standards of electrical appliances and materials.

The portions underlined with dots are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

1 General

1.1 Scope

This Standard specifies the rubber insulated cables of rated voltages up to and including 450/750 V, more specifically, rubber or cross-linked polyvinyl chloride insulated and rubber or cross-linked polyvinyl chloride sheathed cords of rated voltage 300/300 V, for use in applications where high flexibility is required, for example for iron cords.

All cables should comply with the appropriate requirements given in **JIS C 3663-1** and the individual types of cables should each comply with the particular requirements of this Standard.

NOTE 1 In this Standard, the electrical safety requirements for cross-linked polyvinyl chloride material are deleted, since the safety of the said material is not fully established in Japan.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

IEC 60245-8:2004 *Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 8: Cords for applications requiring high flexibility* (MOD)

The symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

1.2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards indicated below, only the editions of the indicated year shall be applied and any revisions (including amendments) made thereafter shall not be applied.