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**Connecting devices for low-voltage
circuits for household and similar
purposes — Part 1: General requirements**

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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 based on the Industrial Standardization Law.

Consequently, JIS C 2814-1:2001 is replaced with this Standard.

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JIS C 2814 series consists of the following 5 parts under the general title “*Connecting devices for low-voltage circuits for household and similar purposes*”:

Part 1: General requirements

Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units

Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units

Part 2-3: Particular requirements for connecting devices as separate entities with insulation-piercing clamping units

Part 2-4: Particular requirements for twist-on connecting devices

Connecting devices for low-voltage circuits for household and similar purposes — Part 1 : General requirements

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of IEC 60998-1 published in 2002 with some modifications of the technical contents to conform to the power distribution situation in Japan.

The portions given dotted underlines are the matters not given in the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies the connecting devices as separate entities for the connection of two or more rigid conductors (solid or stranded) or flexible conductors (complying with JIS C 3664, IEC 60344 or relevant JISs), having a cross-sectional area of 0.2 mm² or over to and including 35 mm² with a rated voltage of 1 000 V or under a.c. at frequency of not exceeding 1 000 Hz, or of 1 500 V or under d.c. used for household and similar purposes.

NOTE 1 The rated connecting capacities lower than 0.5 mm² shall be referred to IEC 60344 and those equal to or higher than 0.5 mm² shall be referred to JIS C 3664 except those conforming to relevant JISs.

NOTE 2 "Rigid conductor" includes both "solid conductor" and "stranded conductor" ("concentric lay stranded conductor" and "compacted circular stranded conductor"). Also, "flexible conductor" refers to "bunch stranded conductor" (see Annex JA).

NOTE 3 In the corresponding International Standard, terminals for AWG conductors are included in the scope; however, AWG conductors are excluded from the scope since they are treated for reference in this Standard. The relationship between mm² and AWG size is shown in Annex B.

NOTE 4 The relevant JISs refer to JISs on electric wires which specify the standard rated connecting capacities of Type 2 shown in 6.2.

This Standard is not applicable to the connecting devices that require the use of special tools other than for twist-on connecting devices and insulation piercing connecting devices.

This Standard contains the particular requirements to be used together with JIS C 2814-2 standard group (hereafter referred to as "Part 2") containing detailed particular