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**Connecting devices for low-voltage
circuits for household and similar
purposes — Part 2-4: Particular
requirements for twist-on connecting
devices**

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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 2814-2-4:2001 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 2-4 : Particular requirements for twist-on connecting devices

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of IEC 60998-2-4 published in 2004 with some modifications of the technical contents to conform to the power distribution situation in Japan. This Standard shall be used together with JIS C 2814-1 : 2009.

The portions given dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modifications with the explanations is given in Annex JC.

1 Scope

This Standard applies to the twist-on connecting device (hereafter referred to as "TOCD") for connecting two or more unprepared rigid and/or flexible conductors having a cross-sectional area of 0.5 mm² or over up to and including 16 mm² and complying with JIS C 3664 or relevant JISs. The total cross-sectional area of the connected conductors shall be not exceeding 35 mm².

This Standard covers low voltage circuits not exceeding 1 000 V a.c. and 1 500 V d.c., where electrical energy is utilized for household and similar purposes.

This Standard covers TOCDs primarily designed for clamping by hand. However, certain TOCDs, for example for conductors of larger cross-sections, may require the use of a tool designed for that particular TOCDs.

NOTE 1 (NOTE in the corresponding Standard is deleted.)

NOTE 2 The International Standard corresponding to this Standard is as follows.

IEC 60998-2-4 : 2004 *Connecting devices for low-voltage circuits for household and similar purposes — Part 2-4 : Particular requirements for twist-on connecting devices* (MOD)

In addition, 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.