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Low voltage panelboards for household use

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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 Japanese Industrial Standard has been 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 Japan Electrical Wiring System Industries Association (JEWA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS C 8328**:2003), which has been technically revised.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, published patent application or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, published patent application or utility model rights.

NOTE Based on Article 9 of the Supplementary Provisions to the Unfair Competition Prevention Act etc., any submission of proposal, or employment of procedures such as deliberation by the Japanese Industrial Standards Committee under the previous Industrial Standardization Act shall be deemed to have been conducted pursuant to the provision of Article 12, paragraph (1) of the revised Industrial Standardization Act.

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Low voltage panelboards for household use

1 Scope

This Japanese Industrial Standard specifies the requirements for low voltage panelboards for household use (hereafter referred to as panelboards) with the rated current not exceeding 150 A, mainly used as the service entrance equipment in houses etc., in the electric circuit of 100 V AC single-phase two-wire system or 100/200 V AC single-phase three-wire system at 50 Hz or 60 Hz in frequency.

This Standard covers the panelboards used in shops, offices etc. in addition to houses.

This Standard does not cover the panelboards having a special structure such as waterproof type and explosion-proof type.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS C 3307 *600 V Polyvinyl chloride insulated wires*

JIS C 3316 *Polyvinyl chloride insulated wires for electrical apparatus*

JIS C 3317 *600 V Grade heat-resistant polyvinyl chloride insulated wires*

JIS C 3605 *600V Polyethylene insulated cables*

JIS C 3612 *600V Flame retardant polyethylene insulated wires*

JIS C 8201-2-1 *Low-voltage switchgear and controlgear—Part 2-1: Circuit-breakers*

JIS C 8201-2-2 *Low-voltage switchgear and controlgear—Part 2-2: Circuit-breakers incorporating residual current protection*

JIS C 8211 *Circuit-breakers for overcurrent protection for household and similar installations*

JIS C 8222 *Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)*

JIS C 8306 *Testing methods for wiring devices*

JIS C 8480 *Box-type switchgear assemblies for low-voltage distribution purpose*

JIS Z 8703 *Standard atmospheric conditions for testing*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in Clause **3** of **JIS C 8480**, and the following apply.