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**Alternating-current watt-hour meters
(for direct connection)—Part 1:
General measuring instrument**

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

Consequently **JIS C 1211**:1995 was withdrawn and replaced with this Standard.

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JIS C 1211 consists of the following 2 parts under the general title “*Alternating-current watt-hour meters (for direct connection)*”:

Part 1: General measuring instrument

Part 2: Measuring instruments used in transaction or certification

Alternating-current watt-hour meters (for direct connection)—Part 1: General measuring instrument

Introduction

This Japanese Industrial Standard has been established in order to specify the technical requirements needed for watt-hour meters (for direct connection) as general specifications. Since this Standard does not include the requirements concerning the marking method, the watt-hour meters cannot be given the marking as stipulated in Article 19 of the Industrial Standardization Law, which indicates their conformity to this Standard.

1 Scope

This Standard specifies the normal watt-hour meters for general use, that are independently used without combining with an instrument transformer in single-phase two-wire system, single-phase three-wire system, three-phase three-wire system and three-phase four-wire system circuits (Type III single-element direct-connection type meters and Type III multi-element direct connection type meters) (hereafter referred to as “meters”).

In addition, the transmitter of a watt-hour meter (for direct connection) for centralized and automatic meter reading shall be in accordance with Annex A. Furthermore, for the meters equipped with auxiliary devices, this Standard shall be applied to the watt-hour meters under the condition that the auxiliary devices are combined.

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 B 1101 *Slotted head screws*

JIS B 1135 *Slotted head wood screws*

JIS C 1210 *General rules for electricity meters*

JIS C 1281 *Weather-proof performance of electricity meters*

JIS C 3307 *600 V Polyvinyl chloride insulated wires*

JIS C 4003 *Thermal evaluation and classification of electrical insulation*

JIS C 60068-2-6 *Environmental testing Part 2: Tests—Test Fc: Vibration (sinusoidal)*

JIS C 60068-2-27 *Basic environmental testing procedures Part 2: Tests, Test Ea and guidance: Shock*