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**Alternating-current watt-hour meters
(for connection through instrument
transformer)—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Consequently **JIS C 1216**:1995 was withdrawn and replaced with this Standard.

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JIS C 1216 series consists of the following 2 parts under the general title “*Alternating-current watt-hour meters (for connection through instrument transformer)*”:

Part 1: General measuring instrument

Part 2: Measuring instruments used in transaction or certification

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

Introduction

This Japanese Industrial Standard is established in order to specify the technical requirements needed for watt-hour meters (for connection through instrument transformer) as general measuring instrument. Since this Standard does not include the requirements concerning the marking method, the watt-hour meters can not 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 watt-hour meters for general use, namely, normal watt-hour meters, precision watt-hour meters, special precision watt-hour meters, precision watt-hour meters for summation measurement of multi circuits of the current composing system, transmitter-incorporating normal watt-hour meters, transmitter-incorporating precision watt-hour meters, transmitter-incorporating precision watt-hour meters for summation measurement of multi circuits of the current composing system, that are used in combination with instrument transformers in single-phase two-wire system, single-phase three-wire system, three-phase three-wire system and three-phase four-wire system circuits (hereafter referred to as “meters”).

In addition, the transmitters of watt-hour meters (for connection through instrument transformer) for centralized and automatic meter reading shall be in accordance with Annex A. For meters provided with auxiliary devices, this Standard shall be applied to the watt-hour meter units under such a condition that the auxiliary devices are attached.

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 1211-1 *Alternating-current watt-hour meters (for direct connection)—Part 1: General measuring instrument*

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

JIS C 1736-1 *Instrument transformers for metering service—Part 1: General measuring instrument*