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**Watt-hour, var-hour and maximum
demand indicators for telemetering—
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Consequently **JIS C 1283**:1979 was withdrawn and replaced with this Standard.

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JIS C 1283 series consists of the following 2 parts under the general title “*Watt-hour, var-hour and maximum demand indicators for telemetering*”:

Part 1: General measuring instrument

Part 2: Measuring instruments used in transaction or certification

Watt-hour, var-hour and maximum demand indicators for telemetering— Part 1: General measuring instrument

Introduction

This Japanese Industrial Standard has been prepared in order to specify the technical requirements needed for watt-hour, var-hour and maximum demand indicators for telemetering as general measuring instrument. Since this Standard does not include the requirements concerning the marking method, the indicators 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 separate type indicators and multi-circuit summation indicators for telemetering, which indicate the watt-hour, var-hour and maximum demand by receiving pulses transmitted from general-use watt-hour meters, i.e. transmitter-incorporating watt-hour meters and transmitter-incorporating var-hour meters that are used in combination with instrument transformers in three-phase three-wire system and three-phase four-wire system circuits (hereafter referred to as “indicators”).

The watt-hour indicators for centralized meter reading for telemetering shall be in accordance with Annex B. This Standard applies to composing metering of addition only in the multi-circuit summation indicators.

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 1216-1 *Alternating-current watt-hour meters (for connection through instrument transformer)—Part 1: General measuring instrument*

JIS C 1263-1 *Var-hour meters—Part 1: General measuring instrument*

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

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*