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Small switches for indoor 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 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 submitted by Japan Electrical Wiring Devices and Equipment Industries Association (JEWA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS C 8304** : 1994 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

Small switches for indoor use

Introduction

This Japanese Industrial Standard has been prepared based on **JIS C 8304** revised in 1994 reviewing the contents as a product standard and quoting provisions concerning safety from a part of **JIS C 8281-1**.

No International Standard corresponding to this Standard has been established at this point.

1 Scope

This Standard specifies small switches for indoor use which are mounted mainly on indoor and outside walls of housing and the like, used in cable runs of a.c. 300 V or less and 20 A or less with a frequency of 50 Hz or 60 Hz at 40 °C or lower in ambient temperature, for lamps or small electrical appliances (hereafter referred to as "switches").

This Standard applies to switches with pilot lamp, time delay switches, sensor switches, timer switches, electronic switches, wide handle type switches, switches for indoor-wiring synthetic resin duct and water proof type switches.

This Standard does not apply to switches with automatic breaking mechanism, explosion-proof switches, electromagnetic remote control switches, specially designed switches used for a certain small electrical appliance and other special switches and switches which start and stop motors (including ones incorporated in small electrical appliances) and dimmers which control luminance of illumination.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall apply but the revisions (including amendments) made thereafter shall not apply.

JIS C 0920 : 2003 *Degrees of protection provided by enclosures (IP Code)*

JIS C 3307 : 2000 *600 V Polyvinyl chloride insulated wires*

JIS C 3342 : 2000 *600 V Polyvinyl chloride insulated and sheathed cables*

JIS C 3612 : 2002 *600 V Flame retardant polyethylene insulated wires*

JIS C 8281-1 : 2003 *Switches for household and similar fixed-electrical installations—Part 1: General requirements*

JIS C 8303 : 2007 *Plugs and receptacles for domestic and similar general use*

JIS C 8306 : 1996 *Testing methods for wiring devices*

JIS C 8340 : 1999 *Boxes and box covers for rigid metal conduits*

JIS C 8375 : 1992 *Mounting frame for interchangeable wiring devices of large square boss type*

JIS H 3100 : 2006 *Copper and copper alloy sheets, plates and strips*