

# JIS

## **JAPANESE INDUSTRIAL STANDARD**

**Spring pressure type wire  
connectors for electrical  
installations of buildings**

**JIS C 2813**—1992

**Translated and Published**

**by**

**Japanese Standards Association**

In the event of any doubt arising,  
the original Standard in Japanese is to be final authority.

## JAPANESE INDUSTRIAL STANDARD

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Spring pressure type wire connectors for  
electrical installations of buildings

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1. Scope This Japanese Industrial Standard specifies spring pressure type wire connectors used for the connection of copper conductors in general indoor and outside-wall wiring not exceeding 600 V (hereafter referred to as "connectors"). The range of wires applicable for these connectors shall be 1.2 mm to 3.2 mm in diameter for solid wires and 1.25 mm<sup>2</sup> to 38 mm<sup>2</sup> in nominal cross-sectional area for stranded wires and flexible stranded wires.

Remarks 1. Connecting terminals of such apparatus as receptacles and switches are not included in this Standard.

2. The standards cited in this Standard are as follows:

JIS C 0060 Fire hazard testing Part 2: test methods, glow-wire test and guidance

JIS C 1102 Electrical indicating instruments

JIS C 1302 Insulation resistance testers (battery operated)

JIS C 3307 600 V grade polyvinyl chloride insulated wires

JIS C 3316 600 V grade polyvinyl chloride insulated wires for electrical apparatus

JIS C 8306 Testing methods for wiring devices

JIS H 3100 Copper and copper alloy sheets, plates and strips

JIS Z 8704 Electrical methods of temperature measurements

IEC 112 (1979) Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions

3. The International Standards corresponding to this Standard are given below:

IEC 998-1 (1990) Connecting devices for low voltage circuits for household and similar purposes. Part 1: General requirements

IEC 998-2-2 (1991) Connecting devices for low voltage circuits for household and similar purposes. Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units

2. Definitions For the purpose of this Standard the following principal definitions apply:

- (1) spring pressure type wire connector A connecting device in which the ends of wires are inserted between a conductive plate and a sheet spring for connection of wires.