

JIS

JAPANESE INDUSTRIAL STANDARD

**Flat quick-connect
terminals**

 **JIS C 2809**—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.



1. Scope This Japanese Industrial Standard specifies flat quick-connect terminals shown in Attached Table 1 (hereafter referred to as the "quick connectors") which are crimped to the ends of annealed copper stranded wires (hereafter referred to as the "wires") mainly used for internal wiring of electrical machinery and apparatus by means of a connecting tool (hereafter referred to as the "tool") specified by the manufacturer.

Remarks: 1. This Standard does not apply to quick connectors used for automobiles.

2. The dimensions of applicable male tabs are shown in Attached Table 2.

3. The following standards are cited in this Standard:

JIS B 7507 Vernier Callipers

JIS C 1602 Thermocouples

JIS C 3306 Polyvinyl Chloride Insulated Flexible Cords

JIS H 3100 Copper and Copper Alloy-Sheets, Plates and Strips

JIS H 3110 Phosphor Bronze and Nickel Silver-Sheets, Plates and Strips

JIS H 8501 Methods of Thickness Test for Metallic Coatings

JIS H 8619 Electroplated Coatings of Tin

JIS Z 2371 Methods of Neutral Salt Spray Testing

JIS Z 8703 Standard Atmospheric Conditions for Testing

JIS Z 8704 Electrical Methods of Temperature Measurements

4. The corresponding international standard to this Standard is given below.

IEC 760 (1989) Flat, quick-connect terminations

5. The units and numerical values given in { } in this Standard are based on the traditional units and are appended for informative reference.

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

(1) flat quick-connect terminal A female style quick connector, with which a male tab can be easily engaged and disengaged without using tools.

(2) male tab A flat male style quick connector which is pushed into the quick connector.

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- (3) test male tab A male tab manufactured with special narrow tolerance to carry out the tests for engaging force and disengaging force.
- (4) crimped joint A part of quick connector which is crimped style connection with wire by means of the tool.
3. Class, symbol and nominal size The class, symbol and nominal size of quick connectors shall be as shown in Table 1.

Table 1. Class, symbol and nominal size of quick connector

Class	Shape	Symbol of shape	Nominal size
Flat quick-connect terminal	Straight ⁽¹⁾	FS	2.8B-0.5 -5
			2.8B-0.5 -8
			2.8B-1.25 -5
			2.8B-1.25 -8
			2.8P-0.5 -5
			2.8P-0.5 -8
			2.8P-1.25 -5
			2.8P-1.25 -8
			4.8B-0.5 -5
			4.8B-0.5 -8
			4.8B-1.25 -5
			4.8B-1.25 -8
			4.8P-0.5 -5
			4.8P-0.5 -8
			4.8P-1.25 -5
			4.8P-1.25 -8
			6.3B-0.75 -8
			6.3B-2.0 -8
6.3P-0.75 -8			
6.3P-2.0 -8			

Note ⁽¹⁾ Flag style terminals are not specified in this Standard.