

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**6600 V Pin type insulators**

Ⓔ **JIS C 3821—1992**

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## JAPANESE INDUSTRIAL STANDARD

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6600 V Pin type insulators

C 3821-1992

1. **Scope** This Japanese Industrial Standard specifies high voltage 6600 V pin type insulators of porcelain mainly used for high voltage aerial transmission lines (hereafter referred to as the "insulators").

Remarks 1. The following standards are cited in this Standard:

JIS B 0205 Metric coarse screw threads

JIS B 0209 Limits of sizes and tolerances for metric coarse screw threads

JIS C 3801 Testing method for insulators

JIS G 3101 Rolled steel for general structure

JIS R 5210 Portland cement

2. In this Standard, the units and numerical values in { } are based on the traditional unit system, and appended for informative reference.

2. **Class and symbol** The classes and symbols of insulators shall be those given in Table 1 in accordance with the shape.

Table 1. Classes and symbols

| Class | Symbol <sup>(1)</sup> |
|-------|-----------------------|
| No. 1 | PH 16220              |
| No. 2 | PH 16260              |

Note <sup>(1)</sup> Letters indicate the following meaning:

P: pin type insulator

H: high voltage

Numerals indicate the following meaning:

Initial two figures: dimension (mm) of outer diameter of pin

Last three figures: dimension (mm) of total length of pin

Remarks 1. High voltage pin type insulators are used mainly for transmission lines of nominal voltage 6600 V.

2. No.1 and No.2 of 6600 V pin type insulators are different only on the length of pin.

3. **Performances** The performances of insulators shall comply with Table 2, when the tests are made in accordance with the methods specified in 7.