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**Graphical symbols for diagrams—
Part 2: Symbol elements, qualifying
symbols and other symbols having
general application**

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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 in accordance with the Industrial Standardization Law.

Consequently **JIS 0617-2**:1997 is replaced with this Standard.

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JIS C 0617 series consists of the following 13 parts under the general title “*Graphical symbols for diagrams*”:

Part 1: General information, general index. Cross-reference tables

Part 2: Symbol elements, qualifying symbols and other symbols having general application

Part 3: Conductors and connecting devices

Part 4: Passive components

Part 5: Semiconductors and electron tubes

Part 6: Production and conversion of electrical energy

Part 7: Switchgear, controlgear and protective devices

Part 8: Measuring instruments, lamps and signalling devices

Part 9: Telecommunications: Switching and peripheral equipment

Part 10: Telecommunications—Transmission

Part 11: Architectural and topographical installation plans and diagrams

Part 12: Binary logic elements

Part 13: Analogue elements

Graphical symbols for diagrams— Part 2: Symbol elements, qualifying symbols and other symbols having general application

Introduction

This Japanese Industrial Standard has been prepared based on **IEC 60617** without modifying the technical contents. The said **IEC** was published in 2001 as a database standard, and has been maintained online ever since. The adopted contents in this Standard are comprised of the contents of **IEC 60617** as of 2008.

While all the parts of **IEC 60617** have been incorporated into one database standard, this **JIS** will be continuously published in separate parts in print, partly for the users' convenience, instead of conforming to the new format of the **IEC**.

1 Scope

This Standard specifies the symbol elements, qualifying symbols and other symbols having general application, out of graphical symbols for diagrams.

NOTE 1 This Standard is constituted of the conventional graphical symbol numbers from 02-01-01 to 02-17-09 of **IEC 60617**. Annex A is provided for information.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

IEC 60617 *Graphical symbols for diagrams* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

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 be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS C 0452-2 *Industrial systems, installations and equipment and industrial products—Structuring principles and reference designations—Part 2: Classification of objects and codes for classes*

NOTE : Corresponding International Standard: IEC 61346-2 *Industrial systems, installations and equipment and industrial products—Structuring principles and reference designations—Part 2: Classification of objects and codes for classes* (IDT)