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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 Japanese Industrial Standard has been 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 Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied *mutatis mutandis* pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS C 0617-2** : 2011), which has been technically revised.

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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 : 2024** without any modifications of the technical contents. The said **IEC** was published in 2001 as a standard in the form of a database, and has been maintained online ever since.

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

1 Scope

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

NOTE 1 This Standard consists of the conventional graphical symbol numbers from 02-01-01 to 02-17-11 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 DB *Graphical symbols for diagrams* (MOD)

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

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below 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 Normative reference in the 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*