

Graphical symbols for diagrams - Part 13: Analogue elements

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English version

Graphical symbols for diagrams Part 13: Analogue elements

(IEC 617-13 : 1993)

Symboles graphiques pour schémas
Partie 13: Opérateurs analogiques
(CEI 617-13 : 1993)

Schaltzeichen für Schaltungsunterlagen
Teil 13: Analoge Elemente
(IEC 617-13 : 1993)

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European Committee for Electrotechnical Standardization
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Foreword

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Annexes designated 'normative' are part of the body of the standard. In this standard, annex ZA is normative.

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GRAPHICAL SYMBOLS FOR DIAGRAMS

Part 13: Analogue elements

Chapter I: General

1 Scope

This part of IEC 617 contains graphical symbols that have been developed to represent functions operating on and/or producing analogue quantities. They are intended also to represent physical devices or combinations of physical devices capable of carrying out these functions.

The symbols have been prepared with a view to electrical applications, but many can also be applied to non-electrical devices, for example pneumatic, hydraulic or mechanical.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 617. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 617 are encouraged to investigate the possibility of applying the most recent editions of the normative documents listed below. Members of IEC and ISO maintain registers of currently valid normative documents.

IEC 27-1: 1992, *Letter symbols to be used in electrical technology — Part 1: General*

IEC 617-2: 1983, *Graphical symbols for diagrams — Part 2: Symbol elements, qualifying symbols and other symbols having general application*

IEC 617-3: 1983, *Graphical symbols for diagrams — Part 3: Conductors and connecting devices*

IEC 617-5: 1983, *Graphical symbols for diagrams — Part 5: Semiconductors and electron tubes*

IEC 617-10: 1983, *Graphical symbols for diagrams — Part 10: Telecommunications: Transmission*

IEC 617-12: 1991, *Graphical symbols for diagrams — Part 12: Binary logic elements*

3 General notes

3.1 Construction and combination of outlines, labels and dependency notation should follow the applicable general rules of IEC 617-12 with the understanding that analogue connections carry a continuous range of signal levels rather than two logic states. Provided the direction of signal flow is