

Application of symbols for binary logic and analogue elements

ICS 01.080.30

National foreword

This Published Document was published by BSI. It is the UK implementation of IEC/TR 61734:2006.

The UK participation in its preparation was entrusted to Technical Committee GEL/3, Documentation and graphical symbols.

A list of organizations represented on GEL/3 can be obtained on request to its secretary.

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This Published Document was published under the authority of the Standards Policy and Strategy Committee on 29 September 2006

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ISBN 0 580 49124 2

Amendments issued since publication

Amd. No.	Date	Comments

TECHNICAL REPORT

IEC TR 61734

Second edition
2006-07

Application of symbols for binary logic and analogue elements



Reference number
CEI/IEC/TR 61734:2006

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**APPLICATION OF SYMBOLS FOR
BINARY LOGIC AND ANALOGUE ELEMENTS**

FOREWORD

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IEC 61734, which is a technical report, was prepared by IEC technical committee 3: Information structures, documentation and graphical symbols.

This second edition cancels and replaces the first edition published in 1997. It has been editorially revised with regard to the referencing:

- *Snnnnn* refers to a symbol; and
- *Annnnn* to an application note in IEC 60617.

The technical content of the report is unchanged.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
3/800/DTR	3/803/RVC

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

The former IEC 60617-12 and IEC 60617-13 established rules for the construction of graphical symbols that represent binary logic and analogue functions, respectively. Each standard provided alternative ways of representing functions, to be used as circumstances dictate.

A working group with members from the Netherlands, Sweden and the UK developed the first edition of this Technical Report. It contained conventions, helpful when applying IEC 60617-12 and IEC 60617-13 to symbols for catalogues of real devices, and showed which choices the working group had made where alternative techniques were provided.

The intent was to help to create symbols having as consistent an appearance as possible, not depending on the originator, while still accurately representing the function.

Following the integration of the content of the former IEC 60617-12 and IEC 60617-13 into the IEC 60617 database:

- IEC 60617-12 and IEC 60617-13 were withdrawn as separate publications;
- the symbol numbering was changed; and
- the textual parts were converted into application notes.

NOTE It is still possible to retrieve the information content of the former publications by means of the “earlier publication” view of the IEC 60617, however in a slightly restructured form.