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Terminology in the area of information structures, documentation and graphical symbols

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

TERMINOLOGY IN THE AREA OF INFORMATION STRUCTURES, DOCUMENTATION AND GRAPHICAL SYMBOLS

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IEC 62154, which is a technical report, has been prepared by IEC technical committee 3: Information structures, documentation and graphical symbols

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

Enquiry draft	Report on voting
3/762/DTR	3/775/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.

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- withdrawn,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.

TERMINOLOGY IN THE AREA OF INFORMATION STRUCTURES, DOCUMENTATION AND GRAPHICAL SYMBOLS

1 Scope

This Technical Report contains a compilation of terms (glossary) used in IEC publications in the area of information structures, documentation and graphical symbols.

2 Source references

The following publications issued by IEC Technical Committee 3: *Information structures, documentation and graphical symbols*, its Sub-committee 3C: *Graphical symbols for use on equipment,* and SC3D: *Data sets for libraries* constitute the source for the glossary.

The terms are primarily collected from Clause 3 *Terms*, of the publications, but in some cases terms are also taken from other parts of the text body of a publication. The collection also includes some terms used in standards in database format.

In cases where the cited terms are based on definitions in other standards, this is noted in the context of the definition. Full information on such other standards is found in the Bibliography.

IEC 60417 DB *Graphical symbols for use on equipment*

IEC 60617 DB *Graphical symbols for diagrams*

IEC 60848 (2002-02) *GRAFCET specification language for sequential function charts*

IEC 61082-1 (FDIS 2005) *Preparation of documents used in electrotechnology – Part 1: Rules*

IEC 61175 (2005) *Industrial systems, installations and equipment and industrial products, Designation of signals*

IEC 61286 (2001-07) *Information technology – Coded graphic character set for use in the preparation of documents used in electrotechnology and for information interchange*

IEC 61346-1 (1996-03) *Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations – Part 1: Basic rules*

IEC/TR 61352 (2000-11) *Mnemonics and symbols for integrated circuits*

IEC 61355 (1997-04) *Classification and designation of documents for plants, systems and equipment*

IEC 61360-1 (2004-01) *Standard data element types with associated classification scheme for electric components – Part 1: Definitions – Principles and methods*

IEC 61360-2 (2004-02) *Standard data element types with associated classification scheme for electric components – Part 1: Definitions – Principles and methods*

IEC 61360-5 (2004-04) *Standard data element types with associated classification scheme for electric components – Part 5: Extensions to the EXPRESS dictionary schema*

IEC 61666 (1997-05) *Industrial systems, installations and equipment and industrial products – Identification of terminals within a system*

IEC/TR 61734 (1997-11) *Application of IEC 60617-12 and IEC 60617-13 standards*

IEC 62023 (2000-04/2004) *Structuring of technical information and documentation*

IEC 62027 (2000-04/2004) *Preparation of parts lists*

IEC 62079 (2001-02/2004) *Preparation of instructions – Structuring, content and presentation*

IEC 80416-1 (2001-06) *Basic principles for graphical symbols for use on equipment – Part 1: Creation of symbol originals*

ISO 80416-2 (2001-07) *Basic principles for graphical symbols for use on equipment – Part 2: Form and use of arrows*

IEC 80416-3 (2002-07) *Basic principles for graphical symbols for use on equipment – Part 3: Guidelines for the application of graphical symbols*

ISO 81714-1 (1999-12) *Design of graphical symbols for use in the technical documentation of products – Part 1: Basic rules*

IEC 81714-2 (1998-11) *Design of graphical symbols for use in the technical documentation of products – Part 2: Specification for graphical symbols in a computer sensible form including graphical symbols for a reference library, and requirements for their interchange*

IEC 81714-3 (2004-10) *Design of graphical symbols for use in the technical documentation of products – Part 3: Classification of connect nodes, networks and their encoding*

IEC 82045-1 (2001-09) *Document management – Part 1: Principles and methods*

IEC 82045-2 (2004-12) *Document management – Part 2: Metadata elements and information reference model*