



INTERNATIONAL ELECTROTECHNICAL COMMISSION

Technical Committee TC3: Information structures, documentation and graphical symbols

Labels to be used in database standards

1 General

Following the decision by TC3 at its meeting in Prague to set up Task Force to align the terminology used in the database standards (primarily IEC 60417, IEC 60617 and IEC 61360).

The TF first studied terms and definitions related to status levels. The result of this work has earlier been presented in document 3/663/INF.

The present document contains the remaining terms used in the databases. The terms were first discussed by the TF through a discussion forum in the e-tech forum. The result of this was summarized in document 3(Geneva/Secretariat)5 (available as <http://tc3.iec.ch/txt/3mon5.pdf>) and a conclusion was reached at the co-ordination meeting in Geneva in April 2003.

Note that the terms are to be applied as (language-dependent) **labels** in the databases. Therefore the form is e.g. "Released on" instead of "Release date" or "Date of release" to make it more "reader-friendly".

NOTE – At the time of preparing this document the labels have already been applied in the IEC 60617 and IEC 61360 databases.

The terms are ordered approximately as they appear in the databases.

2 List of terms

2.1

(item) Identity number, specifically: **symbol identity number**, **DET identity number**
language independent character string used to identify an item, unambiguous in the context of the database (and together with identification of the standard, within IEC and ISO)

NOTE 1 – Earlier used terms: Identity number; Code.

NOTE 2 - It is recognized that it is customary that identity numbers do contain other characters than digits. "Identifier" consists of "identity number" + "revision identifier" or "version identifier"

2.2

Identity number

For classes: identity number of a class, unambiguous in the context of the actual classification scheme

NOTE 1 – Earlier used terms: Class code.

NOTE 2 - No need to differentiate identification of classes from identification of items, use "Identity number" only.

2.3

Version number

identity number of a change within the item that might affect the use of the item

NOTE 1 – Earlier used terms: Version.

NOTE 2 - It is recognized that the terms *version* and *revision* are not applied consistently on the market. They are sometimes replacing each other, and their relation is the opposite. In IEC82045-1 they are e.g. used in a way opposite to the use in IEC 61360.

2.4

Version initiated on

date when the change leading to a new version was initiated

NOTE 1 – Earlier used terms: version date

2.5

Version released on

date when the new version was released

NOTE 1 – Earlier used terms: version release date

2.6

Revision number

identity number of a change within the item that does not affect the use of the item

NOTE 1 – Earlier used terms: Revision

NOTE 2 - Note that the terms version and revision here relates to the item per se, and not to the description of the item (a document). In document management a version is an identified state of a document in its life cycle, recorded so that it can be retrieved as a record for distribution purposes, and a revision is an approved such state.

2.7

Variant

identification of alternate layout of a graphical symbol adapted for specific orientations (Compare ISO-IEC 81714.)

NOTE 1 – Earlier used terms: Variant.

2.8

Status level

name of phase related to the life cycle of the item

NOTE 1 – Earlier used terms: Status.

NOTE 2 - Values in accordance with document 3/663/INF.

2.9

Name

language dependant word or phrase describing the item

NOTE 1 – Earlier used terms for items: Name; Preferred name.

NOTE 2 – Earlier used terms for classes: Class name. There is no need to differentiate, use name only.

2.10

Short name

abbreviated word or phrase describing the item

NOTE 1 – Earlier used terms: Short name

2.11

Alternative name(s)

language dependant word or phrase used as a synonym or as an approximate alternative to the name (and therefore commonly used at search)

NOTE 1 – Earlier used terms: Synonymous name; Usage; Synonyms were entered into the Name field in IEC60617. The term alternative name is to be used for all those cases.

2.12

Proposed on

date when the item was proposed

NOTE 1 – Earlier used terms: Date of proposal; Proposal date

2.13

Released on

date when the item was made available as a standardized item

NOTE 1 – Earlier used terms: Date of release; Release date.

2.14

Obsolete from

date when the item was considered obsolete (for whatever reason, including replacement)

NOTE 1 – Earlier used terms: Date withdrawn

2.15

Form

Only for symbols: identification that distinguishes different graphical appearances of the same concept and having identical names

NOTE 1 – Earlier used terms: Form

2.16

Alternative form(s)

identity number(s) of item(s) being alternatives to the present one. (This is "graphical synonym")

NOTE 1 – Earlier used terms: Other form

2.17

Application note(s)

rule or reference(s) to rules (often shared among several items) regarding the use of the item in anticipated context

NOTE 1 – Earlier used terms: Application note(s); Notes.

2.18

Note

statement that provides additional information to the definition of the item and which is essential for the understanding

NOTE 1 – Earlier used terms: Note.

2.19

Applies

identity number of item(s) used as part(s) of the present item

NOTE 1 – Earlier used terms: Applies.

2.20

Applied in

identity number(s) of other item(s) of which the present one is a part (conceptually and/or graphically)

NOTE 1 – Earlier used terms: Applied in

2.21

Application class

classification of the item with regard to the context in which the item is intended to be applied

NOTE 1 – Earlier used terms: Application class; Product area.

2.22

Applicable in classes

example of limited context(s) for which the item is intended

NOTE 1 – Earlier used terms: Example of application class

2.23

Function class

classification of the item regard the activity performed by the object that the item represents in anticipated context

NOTE 1 – Earlier used terms: Function class.

NOTE 2 -In IEC60617 the classification is according to IEC61346, in IEC60417 the principles behind the defined classes is more vague.

2.24

Shape class

classification of the item with regard to the predominant graphical shape(s) in the symbol

NOTE 1 – Earlier used terms: Shape class.

2.25

DET class

classification of the property with regard to established classification system

NOTE 1 – Earlier used terms: Class.

2.26

Keywords

list of terms characterizing the item (or rather corresponding object)

NOTE 1 – Earlier used terms: Keywords .

2.27

Earlier published in

identity number of standard in which the item was published

NOTE 1 – Earlier used terms: Publication reference

2.28

Source reference

identity number of publicly available document being the source of the present item

NOTE 1 – Earlier used terms: Source reference

NOTE 2 - In IEC61360 split into two:

- Source reference(s) for definition,
- Source reference(s) for values.

2.29

Published in

list of identity numbers of publicly available documents in which the item is also published.

NOTE 2 - Edition number and or year should be included as appropriate.

NOTE 1 – Earlier used terms: Publication reference; Published in

2.30

Replacing

identity number of the item which is replaced by the present item

NOTE 1 – Earlier used terms: Replacing.

2.31

Remark

For symbols: language dependant textual description with regard to how the present item is presented.

NOTE 1 – Earlier used terms: Remark

NOTE 2 - Relevant to symbols: Example: If the name is "AND-gate" the remark might be "Three inputs shown".

2.32

Remark

For definitions: explanatory text to further clarify the meaning of the definition

NOTE 1 – Earlier used terms: Remark

2.33

Change requests

identity number(s) of the change requests in which the present item is dealt with
Change requests

NOTE 1 – Earlier used terms: Change requests.

2.34

TC

identity of TC and associated publication identity

NOTE 1 – Earlier used terms: Relevant TC and publications; Source reference

NOTE 2 – Compare Source reference and Earlier published in, that will cover most of the former need.

NOTE 3 - Presented in the maintenance form and in the maintenance views only. The information is of no interest for public users.

2.35

Restrictions

language dependant description of limitations in the use of the actual item

NOTE 1 – Earlier used terms: Restrictions.

2.36

Created by

name of body entering the item

NOTE 1 – Earlier used terms: Created by.

NOTE 2 - Presented in the maintenance form and in the maintenance views only. The information is of no interest for public users.

2.37

Drawing

shown illustration or drawing

NOTE 1 – Earlier used terms: [Graphic]; [Figure].

2.38

Definition

language dependant statement that describes the concept represented by the item in an unambiguous manner that allows differentiation from other items

NOTE 1 – Earlier used term: Definition

2.39

Data type

identification a specific property of the value of a data element type

NOTE 1 – Earlier used terms: Data type.

2.40

Format

specification of the type and length of the representation of the value of a data element type

NOTE 1 – Earlier used term: Format.

2.41

Data value

representation of a permissible instance of a data element type as an element of a value list

NOTE 1 – Earlier used terms: Data value.

2.42

Value list

set of representations of permissible values of a data element type

NOTE 1 – Earlier used terms: Value list

2.43

Formula

formula that describes the relations among variables

NOTE 1 – Earlier used terms: Formula.