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**3(Kyoto/Secretariat)6**

**QUESTIONNAIRE**  
2000-03

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### Technical Committee No. 3 Documentation and graphical symbols

#### Listing Task II on IEC 60617-2 (1996)

##### Introduction

This listing is a follow-up of the documents 3A/432/NP and 3A/448/RVN which include proposals and comments of the National Committees on amendment to IEC 60617-2:1996 (Task II) respectively. The listing contains changes proposed by WG 1 to IEC 60617-1:1996 as agreed at the meetings of this working group in spring 1998 in Frankfurt. It is intended to insert them directly in the IEC 60617 database as change requests and continue with the database procedure according to 3/539B/INF.

**Comment: The Secretary of TC3 2001-07-18 has introduced the Comments in blue into the document.**

##### General rules

- Examples of symbols shall have no numbers and will be placed in the column "Description".

**Comment: This was a working rule for WG1, and reflects the intentions before the introduction of the database to make a separation between "real symbols" and examples. With the database, this rule is no longer possible to practice in the same way. The introduction of the links "Applies / Applied in" makes also a difference and shows another way to handle the same concerns.**

The possibilities now are that symbols should either have symbol numbers (which most of them have got), or they may be included as illustrations in the application notes (has been done in a few cases). To use the latter possibility is possible sometimes, as in C00057, but it changes the whole structure, and is primarily something to consider at a regular revision.

- Deleted symbol numbers shall not be more used.

Category: c = correction, e = editorial change, t = technical change

Symbol No	Category	Change proposed by WG 1
02-01-01/-02/-03	t	Delete the last paragraph <b>Comment: This means deletion of application note A00014. Covered by C00059.</b>
02-01-04/-05	t	Delete "(bulb or tank)" and "Enclosure" <b>Comment: This means that the symbols will just be called "Envelope" Covered by C00059.</b>
02-01-06	e	Delete "also" in the last line <b>Comment: This is a modification of application note</b>

		A00019. Covered by C00059.
02-02-03	C  t  c/t	- Correct the symbol to have three strokes as follows: <i>(a corrected symbol drawing is to be inserted here)</i> Comment: This is a correction that is already implemented. - Add as the first paragraph: “The graphical symbol may be replaced by the letter symbol DC according to IEC 61293.” Comment: This should be introduced as a new symbol (S1 for reference in this document) being an alternative form of the same concept. - Correct symbol in the EXAMPLE to have three strokes (as above) and add alternative example “2/M DC 220/110 V” Comment: The correction is already implemented in the existing note A00022. Introduce a new application note (AN1) to S1 that should include the existing A00022 and the new example. Because of the change of the application note structure, replace also the existing symbol by a copy, but with the new application note.  All covered by C00057.
02-02-04/-05/-06	T  e  e  t	- Add as the first paragraph: “The graphical symbol may be replaced by the letter symbol AC according to IEC 61293” Comment: This should be introduced as a new symbol (S2 for reference in this document) as an alternative form of the concept. Because of the change of the application note structure, replace also the existing symbol by a copy, but with the new application note. - Add the new paragraph: “For different unspecified frequency ranges see symbols 02-02-09/-10/-11” Comment: Rephrase to “For different unspecified frequency ranges see symbols S00073, S00074 and S00075”, then introduce it as a new application note (AN2) to symbol S2. - Delete symbol numbers and transfer corresponding symbols to the column “Description”. Comment: Symbols cannot be managed as part of the text in the "Description" column as they earlier could. However, they can be moved to an application note. In this case they are to be moved to a new AN3, also suggested to contain all the other examples for easier understanding and comparison, as they all refer to the application of the same concept. - Add alternative examples: “AC 50 Hz” and “AC 100...600 kHz” Comment: With reference to the previous suggestion, this can most easily be handled in AN3.  All covered by C00057.
02-02-07/-08	E  t	- Delete symbol numbers and transfer corresponding symbols to the column “Description”. Comment: Symbols cannot be managed as part of the text in the "Description" column as they earlier could. Move into AN3. - Add alternative examples: “3/N AC 400/230 V 50 Hz” and “3/N/PE AC 50Hz/TN-S” Comment: With reference to the previous suggestion, these

		are also moved into AN3. All covered by C00057.
02-02-09	e	Delete the first and second paragraphs Comment: This text is now reformulated in application note A00027, and as an application note to all the three symbols S00073, ...74 and 75 it is still justified, since the relation between the symbols is otherwise not quite obvious. Covered by C00057.
02-02-10	c	Correct the symbol to have three strokes Comment: This proposal must refer to 02-02-12, and this correction is already implemented. No action.
02-02-15/-16	e	Delete reference to IEC 445 Comment: This means deletion of the Remark for these two symbols. To be co-ordinated with other changes related to the revision of IEC 60445, see C00019.
Section 3	t  t  e	Change the introducing text to read: 3.1 Variability pertains to a quantity associated with a device represented by the symbol, the value of which is dependent on factors internal to the device.  3.2 Adjustability pertains to a quantity associated with a device represented by the symbol, the value of which may be set or controlled by external means Comment: The above two proposals means introduction of two new application notes and deletion of the existing A00028, ...29 and ...30 (i.e. take away the links to these application notes and link to the new ones instead). References to these two new notes should be done from the symbols carrying "variability" and "adjustability" resp in their names. 3.3 Text as in 3.4. Comment: No change, since neither 3.3. nor 3.4 exist any longer. The relevant application note is A00031. Covered by C00058.
02-03-03/-04	t	Delete the word "inherent" Comment: Delete "inherent" from the name of symbols S00083 and ...84. Covered by C00058
02-03-06/-10/-12	e	Delete symbol numbers and transfer corresponding symbols to the column "Description". Comment: Symbols cannot be managed as part of the text in the "Description" column as they earlier could. In this case the symbols are best left as they are for the time being, since they cannot easily be managed in an application note. Covered by C00058
02-04-02	e	Delete EXAMPLE from the description. As a consequence delete the reference to this example from item 4.1. Comment: This is now managed as application note A00036. No further action needed.
02-08-08	t	Add a new symbol "Piezo-electric effect" as follows: <i>(a new symbol drawing is to be inserted here)</i> Comment: A new symbol to be proposed.
02-11-01 to -06	e	Transfer these symbols to the Annex as being no more

		used in the practice Comment: Proposal for withdrawal: Change request C00054.
02-13-09	e	Transfer this symbol to the Annex as being no more used in the practice Comment: Proposal for withdrawal: Change request C00055.
02-13-15	t	Change description to read: "Operated automatically by a mechanical device" Comment: Proposal for withdrawal: Change request C00055. Change of name to be separate.
02-13-10 to -19	e	Transfer these symbols to the Annex as being no more used in the practice Comment: Proposal for withdrawal: Change request C00055.
02-13-24/-25	e	Transfer these symbols to the Annex as being no more used in the practice Comment: Proposal for withdrawal: Change request C00056.
02-13-29	t	Add a new symbol: "Spring operated device*" as follows: <i>(a new symbol drawing is to be inserted here)</i> Comment: New symbol to be proposed.
02-15-03	e	Delete from the description the text explaining protection function Comment: This is application note A00052. It is to be taken care of in C00019, together with other "earth symbol problems".
02-17-05	e	Delete from the EXAMPLE the drawing of an electron tube. Comment: This means deletion of the example from application note A00250.
02-17-06B	t	Add a new symbol: "Conversion with electrical separation" as follows: <i>(a new symbol drawing is to be inserted here)</i> Comment: New symbol to be proposed.