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3(Kyoto/Secretariat)6

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## 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 containing proposals (NP) and comments (RVN) of the National Committees on amendment to IEC 60617-2:1996 (Task II). The listing includes changes proposed by WG 1 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.

Before starting a database procedure, this document is sent to the WG 1 for checking.

#### General rules

- The rules for the size and orientation of symbols can be found in IEC 61082-1, clause 4.3.3 and 4.3.4
- Examples of symbols shall have no numbers and will be placed in the column "Description".
- 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
02-01-04/-05	t	Delete "(bulb or tank)" and "Enclosure"
02-01-06	e	Delete "also" in the last line
02-02-03	C	- Correct the symbol to have three strokes as follows: <i>(a corrected symbol drawing is to be inserted here)</i>
	t	- Add as the first paragraph: "The graphical symbol may be replaced by the letter symbol DC according to IEC 61293"
	c/t	- Correct symbol in the EXAMPLE to have three strokes (as above) and add alternative example "2/M DC 220/110 V"
02-02-04/-05/-06	t	- Add as the first paragraph: "The graphical symbol may be replaced by the letter symbol AC according to IEC 61293"
	e	- Add the new paragraph: "For different unspecified frequency ranges see symbols 02-02-09/-10/-11"
	e	- Delete symbol numbers and transfer corresponding

		symbols to the column "Description".
	t	- Add alternative examples: "AC 50 Hz" and "AC 100...600 kHz"
02-02-07/-08	e	- Delete symbol numbers and transfer corresponding symbols to the column "Description".
	t	- Add alternative examples: "3/N AC 400/230 V 50 Hz" and "3/N/PE AC 50Hz/TN-S"
02-02-09	e	Delete the first and second paragraphs
02-02-10	c	Correct the symbol to have three strokes
02-02-15/-16	e	Delete reference to IEC 445
Section 3	t	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.
	t	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
	e	3.3 Text as in 3.4.
02-03-03/-04	t	Delete the word "inherent"
02-03-06/-10/-12	e	Delete symbol numbers and transfer corresponding symbols to the column "Description".
02-04-02	e	Delete EXAMPLE from the description. As a consequence delete the reference to this example from item 4.1.
02-08-08	t	Add a new symbol "Piezo-electric effect" as follows: <i>(a new symbol drawing is to be inserted here)</i>
02-11-01 to -06	e	Transfer these symbols to the Annex as being no more used in the practice
02-13-09	e	Transfer this symbol to the Annex as being no more used in the practice
02-13-15	t	Change description to read: "Operated automatically by a mechanical device"
02-13-10 to -19	e	Transfer these symbols to the Annex as being no more used in the practice
02-13-24/-25	e	Transfer these symbols to the Annex as being no more used in the practice
02-13-29	t	Add a new symbol: "Spring operated device*" as follows: <i>(a new symbol drawing is to be inserted here)</i>
02-15-03	e	Delete from the description the text explaining protection function
02-17-05	e	Delete from the EXAMPLE the drawing of an electron tube
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>