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Draft Indian Standard

**Basic and Safety Principles for Man-Machine Interface, Marking and Identification –
Identification of Equipment Terminals, Conductor Terminations and Conductors**

Last date of receipt of comments: **13 October 2021**

Basic Electrotechnical Standards and Power Quality Sectional Committee, ETD 01

NATIONAL FOREWORD

This draft Indian Standard which is identical with IEC 60445:2021 “Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors” issued by the International Electrotechnical Commission (IEC) would be adopted by the Bureau of Indian Standards on the recommendation of the Basic Electrotechnical Standards and Power Quality Sectional Committee and approval of the Electrotechnical Division Council.

The text of IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

The technical committee has reviewed the provisions of the following international standards referred in this adopted standard and decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
IEC 60417	Graphical symbols for use on equipment
IEC 60617	Graphical symbols for diagrams

Only the English language text has been retained while adopting it in this Indian Standard, and as such, the page numbers given here are not the same as in the IEC Publication.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS 2: 1960 ‘Rules for rounding off numerical values (*revised*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Note: The technical content of the document is not available on website. For details, please refer the corresponding IEC 60445: 2021 or kindly contact:

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