

(PREVIEW)
Indian Standard
ELECTROTECHNICAL VOCABULARY
PART 57 CIRCUIT THEORY

1 Scope

This part of IEC 60050 gives the general terminology used in the theory of electric and magnetic circuits, as well as general terms pertaining to circuit elements and their characteristics, to network topology, to n -port and two-port networks, to methods of circuit theory.

This terminology is of course consistent with the terminology developed in the other specialized parts of the IEV.

The section on polyphase circuits, which was existing in the first edition “Electric and magnetic circuits”, will be expanded in a separate part of IEC 60050.

2 Normative references

The following normative documents contain provisions which, through reference constitute provisions of this International Standard. For dated references, in this text, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60027-1:1992, Letter symbols to be used in electrical technology — Part 1 : General + Amendment 1 : 1997

IEC 60027-2:2000, *Letter symbols to be used in electrical technology — Part 2: Telecommunication and electronics*

IEC 60050-101:1998, International Electrotechnical Vocabulary — *Part 101 : Mathematics*

IEC 60050-111:1996, International Electrotechnical Vocabulary — *Part 111: Physics and chemistry*

IEC 60050-121:1998, International Electrotechnical Vocabulary — Part 121: Electromagnetism

IEC 60050-151:2001, International Electrotechnical Vocabulary — Part 151: Electric and magnetic devices

IEC 60050-702:1992, International Electrotechnical Vocabulary — Part 702: Oscillations, and related devices

IEC 60050-726:1982, International Electrotechnical Vocabulary — Part 726: Transmission lines and waveguides