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British Standard

General requirements for rotating electrical machines

Part 108. Specification for terminal markings and
direction of rotation



(Implementation of CENELEC HD 53.8.S3 and Amendment 1)

Règles générales pour les machines électriques tournantes
Partie 108. Marques d'extrémités et sens de rotation — Spécifications

Allgemeine Anforderungen an umlaufende elektrische Maschinen
Teil 108. Kennzeichnung von Anschlüssen und Drehrichtung

Foreword

This Part of BS 4999 has been prepared under the direction of the Power Electrical Engineering Standards Committee and supersedes BS 4999 : Part 3 : 1981, which is withdrawn.

This Part of BS 4999 implements CENELEC* Harmonization Document HD 53.8.S3 and Amendment 1, which includes a Common Modification and some Common Additions to the Reference Document, Publication 34 Part 8 (1972) of the International Electrotechnical Commission. The differences between this Part and BS 4999 : Part 3 : 1987 are as follows.

- (1) The CENELEC Common Modification has been added. This consists of additional paragraphs to 5.1.
- (2) The Part number has not been included in the point numbering system as in BS 4999 : Part 3.

The terminal markings specified in this Part of BS 4999 supersede those in BS 822 : Part 6 for all machines except small power motors and generators of sizes covered by BS 5000 : Part 11, for which either system of terminal marking may be used. It is intended ultimately that terminal markings of all small motors and generators will be brought into line with this Part of BS 4999, so that BS 822 : Part 6 can eventually be withdrawn.

Attention is drawn to an important change in British practice specified in 6.3, which is in accordance with general practice within Europe. Where there is technically a choice of connections between those terminals to be connected to the supply and those to be bridged to form a common point, the supply terminals should have the lower suffix (e.g. 1) and the bridged terminals the higher suffix (e.g. 2).

Compliance with a British Standard does not of itself confer immunity from legal obligations.

* European Committee for Electrotechnical Standardization.