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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 2900.25-2008

Replacing GB/T 2900.25-1994

Electrotechnical terminology -- Rotating electrical machines

电工术语 旋转电机

(English Translation)

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Foreword

This part is Part 25 GB/T 2900, and equivalent to using IEC 60050-411:1996 "International Electrotechnical Vocabulary rotating electric machine" and its amendments No. (IEC 60050-411-amd1.2007).

This Part replaces GB/T 2900.25-1994 "Electrotechnical Terminology rotary motor." this section compared with the GB/T 2900.25-1994, standard large structural change, delete some of the terms, and the other adds some new the term.

No entry in this section, the term is consistent with IEC 60050-411.

This part of the National Electrotechnical Terminology Standardization Technical Committee (SAC/TC232) and focal points.

This section is drafted. Shanghai Electric Scientific Research (Group) Co., Ltd. Mechanical Engineering Research Institute of Machine Productivity Promotion Center.

1 Scope

This section provides specific terms of rotation of the motor.

This section applies to the development of standards, technical documents, professional preparation and translation of manuals, textbooks and books for use in electrical and related professionals Personnel departments of production, scientific research, application and use of teaching work.

Terms defined in this section and GB/T 2900.1 "Electrical Basic terminology," the relevant part of the coordination; in this section have not been Term provisions, if desired may be given in the relevant provisions of the standard.

2 Normative references

The following documents contain provisions which, through reference to GB/T 2900 to the present, constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 2900.1-1992 Electrical Basic terminology

3.1 General terms

411-31-01

Rely on electromagnetic induction electrical apparatus operation, it can have a relative rotational movement of the member, for converting energy.

Note: This term also applies to the same principle, similar structures, for other purposes (for example, as regulator, issued or absorb reactive power) of an electrical device, but does not apply Electrostatic machinery.

411-31-02

An electrical machine, in which the field lines in the same direction from one member to another member through the entire area of the air gap.

411-31-03

A DC motor with pole.

411-31-04

So that different magnetic polarity of tangible or equivalent poles are arranged alternately as a motor.

411-31-05

An electrical machine, which is coupled to the armature winding through the commutator DC system, or by the DC magnetic field fluctuations in the current or permanent magnets.

411-31-06

An electrical machine having the AC system connected armature winding.

411-31-07

An electrical machine, the stator winding and rotor winding from the AC power supply.

GB/T 2900.25-2008/IEC 60050-411:1996