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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 15544.4-2026

Replacing GB/T 15544.4-2017

Short-circuit current calculation in three-phase a.c. systems-Part 4: Currents during two separate simultaneous line-to-earth short circuits and short-circuit currents flowing through earth

三相交流系统短路电流计算 第4部分：同时发生两个独立单相接地故障时的电流以及流过大地的电流

(English Translation)

Issued on: October 30, 2026 **Implemented on: May 1, 2027**

Issued by: State Administration for Market Regulation;
Standardization Administration of China

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1 Foreword

GB/T 15544.4-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 October 2026 and takes effect on 1 May 2027.

It replaces the earlier edition GB/T 15544.4-2017.

It is one of 9 parts of the GB/T 15544 series.

2 Scope Preview

GB/T 15544.4-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 76,457 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.

3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of China

4 Related standards

Other parts of this standard:

GB/T 15544-1995 - Short-circuit current calculation in three-phase a. c. systems - Part 1: Calculation of currents

GB/T 15544.1-2013 - Short-circuit current calculation in three-phase a.c. systems - Part 1: Calculation of currents

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GB/T 15544.1-2023 - Short-circuit current calculation in three-phase a. c. systems - Part 1: Calculation of currents

GB/T 15544.2-2017 - Short-circuit current calculation in three-phase a.c. systems -- Part 2: Factors for the calculation of short-circuit currents

GB/T 15544.2-2026 - Short-circuit currents in three-phase AC systems - Part 2: Factors for the calculation of short-circuit currents

GB/T 15544.3-2017 - Short-circuit current calculation in three-phase a.c. systems -- Part 3: Data of electrical equipment

GB/T 15544.5-2017 - Short-circuit current calculation in three-phase a.c. systems -- Part 5: Examples

GB/T 15544.5-2026 - Short-circuit current calculation in three-phase a.c. systems-Part 5: Examples

Other editions:

GB/T 15544.4-2017 (earlier edition)

5 Classification and status

Prefix GB/T: recommended standard.

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