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ICS 29.020
CCS K 09

# NATIONAL STANDARD OF THE

# PEOPLE'S REPUBLIC OF CHINA

# GB/Z 162-2025

## Electrical safety of machinery - Assignment of safety integrity requirements - Basic rationale

机械电气安全 安全完整性要求的分配 基本原理

**(English Translation)**

**Issued on: December 3, 2025** **Implemented on: December 3, 2025**

**Issued by: State Administration for Market Regulation;**
**Standardization Administration of the PRC**

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## 1 Foreword

GB/Z 162-2025 was issued by State Administration for Market Regulation; Standardization Administration of the PRC on 3 December 2025 and took effect the same day.

The GB/Z prefix marks a guiding technical document.

The document runs to 35 pages in English translation.

## 2 Scope Preview

GB/Z 162-2025 falls under ICS 29.020, in the field of electrical engineering.

This catalogue holds 100 other GB/Z standards in that field.

In this catalogue, GB/Z standards carry edition years from 1999 to 2026.



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## 3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of the PRC

English translation: about 35 pages

## 4 Related standards

Standards on related subjects:

GB 55031-2022 - General Code for Civil Buildings

GB 55030-2022 - General code for waterproofing of building and municipal engineering

## 5 Classification and status

International classification (ICS): 29.020

Chinese Standard Classification (CCS): K 09

Prefix GB/Z: guiding technical document.



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