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ICS 29.200
CCS M41

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4527.1-2023

Terminal busbar power distribution system for information and communication purposes - Part 1: AC system

信息通信用末端母线配电系统 第1部分：交流系统

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4527.1-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

It is one of 2 parts of the YD/T 4527 series.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

This standard specifies the composition and classification of AC systems, technical requirements, test methods, inspection rules, as well as marking, packaging, transportation and storage of terminal busbar power distribution systems for information communications. This standard applies to the design, manufacture, use and inspection of AC terminal busbar distribution systems.

YD/T 4527.1-2023 falls under ICS 29.200, in the field of electrical engineering.

This catalogue holds 81 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

YD/T 4527.2-2023 - Part 2: DC system

Standards on related subjects:

YD/T 1092-2023 - Telecommunication cables - Foamed polyolefin dielectric, corrugated copper-tube outer conductor, 50 Ohm radio-frequency coaxial cable for wireless communications

YD/T 2165-2010 - Technical specification of modular uninterruptible power systems for telecommunications

YD/T 777-2006 - Inversion equipment for telecommunications

YD/T 4524.1-2024 - 5G Power Supply and Environmental Infrastructure - Part 1: General provisions

YD/T 4523-2023 - Communications power terms and definitions

5 Classification and status

International classification (ICS): 29.200

Chinese Standard Classification (CCS): M 41

Prefix YD/T: recommended standard.

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