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ICS 91.120.40
CCS M40

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4203-2023

Lightning protection and grounding technical requirements for telecommunications Internet data center infrastructure

电信互联网数据中心基础设施的防雷与接地技术要求

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4203-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 2023.

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.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the requirements for direct lightning protection systems, grounding and equipotential bonding structures, equipment and facilities grounding, lightning overvoltage protection, etc. of telecommunications Internet data centers. This standard applies to lightning protection grounding for newly built telecommunications Internet data centers.

YD/T 4203-2023 falls under ICS 91.120.40, in the field of construction materials and building.

This catalogue holds 5 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

Standards on related subjects:

YD/T 993-2016 - The technical requirements and test methods of overvoltage and overcurrent resistibility for wire telecommunication terminal equipment

YD/T 868-2007 - Technical requirements and measuring methods for additional equipment of telephone set

GB/T 15279-2002 - The specifications of automatic telephone set

YD/T 6092-2024 - Technical requirements and test methods for wide-angle shooting assistance capabilities of mobile communication terminals

YD/T 4676.1-2024 - Effects of particle radiation on telecommunication systems and equipment - Part 1: General

YD/T 2379.10-2020 - Telecommunication equipment environmental test requirements and test methods - Part 10: Civil aircraft airborne equipment

5 Classification and status

International classification (ICS): 91.120.40

Chinese Standard Classification (CCS): M 40

Prefix YD/T: recommended standard.

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