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ICS 33.100
CCS L04

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 2191.4-2012

Electromagnetic compatibility for installation and mitigation guidelines. Part 4: Immunity to HEMP. Specifications for protective devics against HEMP radiated disturbace

电信设备电磁兼容安装及缓和措施 第4部分：高空电磁脉冲(HEMP)抗扰度－高空电磁脉冲辐射干扰保护装置技术要求

(English Translation)

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-2191-4-2012

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1 Foreword

YD/T 2191.4-2012 was issued by Ministry of Industry and Information Technology on 28 December 2012.

It is one of 10 parts of the YD/T 2191 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 provides for civilian nuclear facilities from high-altitude electromagnetic pulse (HEMP) affect the use of the protective device classification, general requirements and specifications.

YD/T 2191.4-2012 falls under ICS 33.100, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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

3 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

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GB/T 4365

4 Where this standard sits

It cites one other standard, GB/T 4365, listed in full above.

It is one part of the YD/T 2191 series, of which this catalogue holds 10 parts.

5 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 16 pages (approximate)

6 Related standards

Other parts of this standard:

YD/T 2191.1-2012 - Installation and mitigation guidelines of Electromagnetic Compatibility (EMC)for Telecommunication Equipments. Part 1: general principles

YD/T 2191.2-2010 - Electromagnetic compatibility in telecommunication: Installation and mitigation guidelines. Part 2: Earthing and cabling

YD/T 2191.3-2011 - Installation and mitigation guidelines of electromagnetic compatibility for telecommunication equipment. Part 3: HEMP protection concepts

YD/T 2191.5-2011 - Mitigation guidelines. Part 5: Immunity to HEMP-specification of protective devices for HEMP conducted disturbance

YD/T 2191.6-2012 - Part 6: mitigation of external EM influences

YD/T 2191.7-2010 - Electromagnrtic compatibility in telecommunication: Installation and mitigation guidelines. Part 7: Degrees of protection provided by enclosures against electromagnetic disturbances

YD/T 2191.8-2013 - Installation and Mitigation Guidelines of Electromagnetic. Compatibility for telecommunication equipments. Part 8: HEMP immunity guide for telecommunication centres

YD/T 2191.9-2016 - HPEM protection communication system: installation of telecommunications equipment and electromagnetic compatibility mitigation measures - Part 9

YD/T 2191.10-2016 - Electromagnetic compatibility and ease of telecommunications equipment - Part 10 measures installed: HEMP and HPEM mitigation measures

Standards on related subjects:

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GB/T 32910.3-2016 - Data centre - Resource utilization - Part 3: Energy usage effectiveness requirements and measuring methods

YD/T 983-2013 - Limits and methods of measurement of electromagnetic compatibility of telecommunicatin power supply equipment

7 Classification and status

International classification (ICS): 33.100

Chinese Standard Classification (CCS): L 04

Prefix YD/T: recommended standard.

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