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ICS 33.180.01
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4375.4-2025

Test methods for door access control of intelligent optical distribution network - Part 4: Interface

智能光分配网络门禁测试方法 第4部分：接口

(English Translation)

Issued on: July 2, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4375.4-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 2025.

It is one of 4 parts of the YD/T 4375 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 interface testing methods in intelligent access control systems, including the I1 interface testing methods between intelligent access control management applications and intelligent door locks, the I2 interface testing methods between intelligent access control management applications and intelligent access control management systems, the I3 interface testing methods between intelligent door locks and intelligent access control management systems, and the I4 interface testing methods between OSS systems and intelligent access control management systems. This standard applies to the testing of intelligent access control system interfaces in intelligent optical distribution networks.

YD/T 4375.4-2025 falls under ICS 33.180.01, in the field of telecommunications.

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

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

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 4375.1-2023 - Intelligent optical distribution network access control test method - Part 1: Access control management terminal and application

YD/T 4375.2-2023 - Intelligent optical distribution network access control test method - Part 2: NB-IoT based door lock

YD/T 4375.3-2023 - Intelligent optical distribution network access control test method - Part 3: Access control management system

Standards on related subjects:

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

5 Classification and status

International classification (ICS): 33.180.01

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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