

ICS 25.040

CCS N 10



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 16657.2-2008

Replacing GB/T 16657.2-1996

**Industrial communication networks -- Fieldbus specifications --
Part 2: Physical layer specification and service definition**

工业通信网络 现场总线规范 第2部分：物理层规范和服务定义

(English Translation)

Issued on: June 30, 2008

Implemented on: January 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

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What this standard covers

This standard specifies requirements for fieldbus component requirements, but also provides the necessary media and network configuration requirements to ensure consistency achieved in the following areas: a) at the data link layer error checking data integrity before, b) in the physical layer interoperability between devices. Fieldbus physical layer in accordance with ISO/IEC 7498 in the OSI 7 layer model defined in a layer 1, but there are exceptions: For some of the bus type, the physical layer frame delimiter, and for other types of frame delimiter in the data link layer.

Document data

International classification (ICS): 25.040.

Chinese classification (CCS): N10.

Estimated length of the Chinese original: 325,317 words.

Adopted international standard: IEC 61158-2-2007, IDT.

Supersedes the earlier edition GB/T 16657.2-1996.

Standards quoted by this document

GB 3836.4-2000; GB 3836.15-2000; GB/T 12269-1990; GB/T 14598.13-1998; GB/T 15157.7-2002; GB/T 15695.2; GB/T 15629.3-1995; GB 16895.3-2004; GB 16895.21-2004; GB/T 17626.2-2006; GB/T 17626.3-2006; GB/T 17626.4-2008; GB/T 17967-2000; GB/T 18015.1-2007; GB/T 20540.4-2006; ISO 3534-1-2006; ISO 3534-2-2006