



SIS - Standardiseringskommissionen i Sverige

Handläggande organ

ITS, Informationstekniska standardiseringen

# SVENSK STANDARD SS 63 63 65

Fastställt

1993-11-24

Utgåva

2

Sida

1 (2)

SIS FASTSTÄLLER OCH UTGER SVENSK STANDARD SAMT SÄLJER NATIONELLA OCH INTERNATIONELLA STANDARDPUBLIKATIONER ©

## Telekommunikationsutrustning – Abonnent- utrustning – Tekniska krav för anslutning till förhyrda 1,2– 1984 kbit/s digitala förbind- elser i allmänt tillgängligt telenät

## Telecommunications equipment — Subscriber equipment — Technical requirements for connection to leased 1,2— 1984 kbit/s digital circuits in a public telecommunications network

### Innehåll

	Sida
0 Orientering	1
1 Omfattning	1
2 Referenser	1
3 Tekniska krav	2

### 0 Orientering

Utgåva 2 är helt omarbetad.

### 1 Omfattning

Standarden omfattar tekniska krav för anslutning till 1,2–1984 kbit/s digitala förbindelser i ett allmänt tillgängligt telenät.

### 2 Referenser

Följande standarder innehåller krav som, genom hänvisning, även utgör krav i denna standard. Alla standarder revideras fortlöpande och parter som gör upp avtal baserade på denna standard uppmanas att undersöka möjligheten att tillämpa de senaste utgåvorna av nedan förtecknade standarder.

CCITT-rekommendationer, Blue Book, 1988:

V.24	List of definitions for interchange circuits between data terminal equipment (DTE) and data circuit terminal equipment (DCE)
V.35	Data transmission at 48 kilobits per second using 60-108 kHz group band circuits
V.36	Modems for synchronous data transmission using 60-108 kHz group band circuits

### Contents

	Page
0 Introduction	1
1 Scope	1
2 References	1
3 Technical requirement	2

### 0 Introduction

Edition 2 has been completely revised.

### 1 Scope

This standard covers requirements for connection to 1,2–1984 kbit/s digital circuits in a public telecommunications network.

### 2 References

The following standards contain requirements, which through reference constitute requirements of this standard. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below.

CCITT Recommendations, Blue Book, 1988:

V.24	List of definitions for interchange circuits between data terminal equipment (DTE) and data circuit terminal equipment (DCE)
V.35	Data transmission at 48 kilobits per second using 60-108 kHz group band circuits
V.36	Modems for synchronous data transmission using 60-108 kHz group band circuits

## ISO-standarder:

ISO 2110 (= SS-ISO 2110)	Information technology – Data communication – 25-pole DTE/DCE interface connector and contact number assignments
ISO 2593 (= SS 63 62 33)	Information technology – Data communication – 34-pole DTE/DCE interface connector and contact number assignments
ISO 4902	Information technology – Data communication – 37-pole DTE/DCE interface connector and contact number assignments
ISO/IEC 11569: 1993	Information technology – Telecommunications and information exchange between systems – 26-pole interface connector mateability dimensions and contact number assignments

**3 Tekniska krav**

De funktionella gränssnittskraven i tillämpad CCITT-rekommendation skall följas. Kontaktdonet skall uppfylla kraven i angiven ISO-standard:

CCITT Rek.	ISO-standard
V.24	ISO 2110/ ISO/IEC 11569
V.35	ISO 2593
V.36	ISO 4902/ ISO/IEC 11569

Anm 1 — V.35 är en föråldrad rekommendation.

Anm 2 – Anslutningskrav för utrustning som utnyttjar gränssnitt enligt CCITT-rekommendation X.21 återfinns i SS-NET 1.

Anm 3 – Anslutningskrav för utrustning som utnyttjar 64 kbit/s kodirektionellt gränssnitt enligt CCITT-rekommendation G.703 återfinns i CTR 14.

De elektriska egenskaperna skall uppfylla CCITT-rekommendationerna V. 10/V. 11/V.28 såsom tillämpligt.

## ISO standards:

ISO 2110 (= SS-ISO 2110)	Information technology – Data communication – 25-pole DTE/DCE interface connector and contact number assignments
ISO 2593 (= SS 63 62 33)	Information technology – Data communication – 34-pole DTE/DCE interface connector and contact number assignments
ISO 4902	Information technology – Data communication – 37-pole DTE/DCE interface connector and contact number assignments
ISO/IEC 11569: 1993	Information technology – Telecommunications and information exchange between systems – 26-pole interface connector mateability dimensions and contact number assignments

**3 Technical requirements**

The functional interface requirements in the applied CCITT recommendation shall be fulfilled. The interface connector shall fulfil the requirements in the indicated ISO standard:

CCITT Rec.	ISO standard
V.24	ISO 2110/ ISO/IEC 11569
V.35	ISO 2593
V.36	ISO 4902/ ISO/IEC 11569

Note 1 — V.35 is an obsolete recommendation.

Note 2 – Attachment requirements for equipment using a CCITT Recommendation X.21 interface is found in SS-NET 1.

Note 3 — Attachment requirements for equipment using a 64 kbit/s codirectional interface according to CCITT Recommendation G.703 is found in CTR 14.

The electrical characteristics shall fulfil CCITT Recommendations V. 10/V. 11/V. 28 as relevant.