INTERNATIONAL STANDARD

ISO/IEC 10173

Second edition
1998-12-15

Information technology — Telecommunications and information exchange between systems — Interface connector and contact assignments for ISDN primary rate access connector located at reference points S and T

Technologies de l'information — Télécommunications et échange d'information entre systèmes — Connecteur d'interface et attributions de contact pour connecteur d'accès à vitesse primaire ISDN situé aux points de référence S et T

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 10173 was prepared by Joint Technical Committee, ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

This second edition cancels and replaces the first edition (ISO/IEC 10173:1991), which has been technically revised.

Annexes A to D of this International Standard are for information only.

Information technology — Telecommunications and information exchange between systems — Interface connector and contact assignments for ISDN primary rate access connector located at reference points S and T

1 Scope

This International Standard specifies the 8-contact connector (plug and jack) and the assignments of its contact numbers for use in the physical interfaces of Integrated Services Digital Network (ISDN) primary rate access services conforming to ITU-T Recommendation I.431.

In this International Standard, as in ITU-T Recommendation I.431, the term "NT" is used to indicate the network terminating layer 1 aspects of NT1s and NT2s, and the term "TE" is used to indicate terminal layer 1 aspects of TE1s, TAs and NT2s.

NOTES

1   This International Standard specifies only those connector dimensions required to ensure intermatability of plug and jack. Complete detailed specifications of the connector are the subject of IEC 603-7, see annex C.

2   ITU-T recognizes an alternative connection system which is not covered by this International Standard. It uses coaxial connectors as specified in IEC 169-8 (see annex C), and is illustrated in annex B.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO/IEC 8877:1992, *Information technology – Telecommunications and information exchange between systems – Interface connector and contact assignments for ISDN Basic Access Interface located at reference points S and T.*

ITU-T Recommendation I.431:1993, *Primary rate user-network interface – Layer 1 specification.*