

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

ICS 33.080

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

National foreword

This British Standard reproduces verbatim ISO/IEC 10173:1998 and implements it as the UK national standard. It supersedes BS ISO/IEC 10173:1991 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee IST/6, Data communications, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO/IEC title page, pages ii to iv, pages 1 to 12 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date	Comments

This British Standard, having been prepared under the direction of the DISC Board, was published under the authority of the Standards Committee and comes into effect on 15 March 1999

© BSI 05-1999

ISBN 0 580 30812 X

Contents

	Page
National foreword	Inside front cover
Foreword	iii
Text of ISO/IEC 10173	1

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*



Contents

	Page
Foreword	iii
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Connector	1
5 Assignment of contacts	7
Annex A (informative) Interface cables and connecting cords, powering and shielding	8
A.1 Interface cables and connecting cords	8
A.2 Powering arrangements	8
A.3 Shielding	8
Annex B (informative) Coaxial connectors for ISDN primary rate access	9
Annex C (informative) Bibliography	12
Annex D (informative) Recommendations regarding inadvertent cross-connection between basic and primary rate access	12
Figure 1 — Plug, 8-pole	2
Figure 2 — Jack, 8-pole	3
Figure 3 — Plug mechanical specification	4
Figure 4 — Plug/jack contact specification	5
Figure 5 — Jack mechanical specification	6
Figure A.1 — Cabling and connector arrangements	8
Figure B.1 — Cabling and connector arrangements	9
Figure B.2 — Male connector	10
Figure B.3 — Female connector	11
Table 1 — Contact assignments	7

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.

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