

**Identifitseerimiskaardid. Salvestusmeetod. Osa 4:
Ühekordse salvestusega magnetradade asukoht - Rajad
1 ja 2**

**Identification cards - Recording technique - Part 4:
Location of read-only magnetic tracks - Tracks 1 and 2**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO/IEC 7811-4:2000 sisaldab Euroopa standardi EN ISO/IEC 7811-4:1996 ingliskeelset teksti.	This Estonian standard EVS-EN ISO/IEC 7811-4:2000 consists of the English text of the European standard EN ISO/IEC 7811-4:1996.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 24.07.1996.	Date of Availability of the European standard is 24.07.1996.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 35.240.15

Võtmesõnad: banking documents, data processing, data storage devices, embossing, financial documents, identification cards, recording, representation of characters, specifications,

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EUROPEAN STANDARD

EN ISO/IEC 7811-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1996

ICS 35.240.40

Descriptors: See ISO document

English version

**Identification cards - Recording technique - Part 4:
Location of read-only magnetic tracks - Tracks 1
and 2 (ISO/IEC 7811-4:1995)**

Cartes d'identification - Technique
d'enregistrement - Partie 4: Position des
pistes magnétiques pour lecture uniquement -
Pistes 1 et 2 (ISO/IEC 7811-4:1995)

Identifikationskarten - Aufzeichnungstechnik -
Teil 4: Lage der Lesespuren 1 und 2 (ISO/IEC
7811-4:1995)

This European Standard was approved by CEN on 1996-05-22. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard from Technical Committee ISO/IEC/JTC 1 "Information technology" of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) has been taken over as an European Standard by the Technical Board of CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 1997, and conflicting national standards shall be withdrawn at the latest by January 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO/IEC 7811-4:1995 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

INTERNATIONAL STANDARD

ISO/IEC
7811-4

Second edition
1995-08-15

Identification cards — Recording technique —

Part 4:

Location of read-only magnetic tracks —
Tracks 1 and 2

Cartes d'identification — Technique d'enregistrement —

*Partie 4: Position des pistes magnétiques pour lecture uniquement —
Pistes 1 et 2*



Reference number
ISO/IEC 7811-4:1995(E)

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 the member 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 7811-4 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Identification cards and related devices*.

This second edition cancels and replaces the first edition (ISO 7811-4:1985), of which it constitutes a technical revision.

ISO/IEC 7811 consists of the following parts, under the general title *Identification cards — Recording technique*:

- Part 1: *Embossing*
- Part 2: *Magnetic stripe*
- Part 3: *Location of embossed characters on ID-1 cards*
- Part 4: *Location of read-only magnetic tracks — Tracks 1 and 2*
- Part 5: *Location of read-write magnetic tracks — Track 2*

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Introduction

ISO/IEC 7811 is one of a series of standards describing the parameters for identification cards as defined in clause 4 and the use of such cards for international interchange.

The recording technique and the coded character sets for track 1, intended for alphanumeric data, and for track 2, intended for numeric data, are specified in ISO/IEC 7811-2.

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Identification cards — Recording technique —

Part 4:

Location of read-only magnetic tracks — Tracks 1 and 2

1 Scope

This part of ISO/IEC 7811 specifies the location of the track for read-only magnetic recording, tracks 1 and 2, on identification cards.

ISO/IEC 10373 specifies the test procedures used to check cards against the parameters specified in this part of ISO/IEC 7811.

This part of ISO/IEC 7811 specifies the requirements for cards used for identification. It takes into consideration both human and machine aspects and states minimum requirements.

NOTE — Numeric values in the SI and/or Imperial measurement system in this part of ISO/IEC 7811 may have been rounded off and therefore are consistent with, but not exactly equal to, each other. Either system may be used, but the two should not be intermixed or reconverted. The original design was made using the Imperial measurement system.

2 Conformance

An identification card is in conformance with this part of ISO/IEC 7811 if it meets all mandatory requirements specified herein.

A prerequisite for conformance with this part of ISO/IEC 7811 is conformance with ISO/IEC 7810 and ISO/IEC 7811-2.

3 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 7811. At the time of publication the editions indicated were valid. All standards are subject to revision and parties to agreements based on this part of ISO/IEC 7811 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 7810:1995, *Identification cards — Physical characteristics*.

ISO/IEC 7811-2:1995, *Identification cards — Recording technique — Part 2: Magnetic stripe*.

ISO/IEC 10373:1993, *Identification cards — Test methods*.

4 Definition

For the purposes of this part of ISO/IEC 7811, the definition of "identification card" given in ISO/IEC 7810 applies.