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Cards and security devices for personal identification — Contactless proximity objects —

Part 1: Physical characteristics

*Cartes et dispositifs de sécurité pour l'identification personnelle —
Objets sans contact de proximité —*

Partie 1: Caractéristiques physiques



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This fourth edition cancels and replaces the third edition (ISO/IEC 14443-1:2016), which has been technically revised.

A list of all the parts in the ISO/IEC 14443 series, can be found on the ISO website.

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Introduction

Contactless card standards encompass a variety of types as embodied in the ISO/IEC 10536 series of standards (close-coupled cards), the ISO/IEC 14443 series of standards (Contactless proximity objects) and the ISO/IEC 15693 series of standards (Contactless vicinity objects). These device types are intended, respectively, for operation when very near, nearby and at a longer distance from associated coupling devices.

The ISO/IEC 14443 series of standards defines the technology-specific requirements for identification cards conforming to ISO/IEC 7810 and thin flexible cards conforming to ISO/IEC 15457-1 and the use of such cards to facilitate international interchange. However, it also recognizes that the technology offers the possibility that proximity objects may be provided in forms other than that of the International Standard card formats. Furthermore, it does not preclude the incorporation of other standard technologies on the card, such as those referenced in the Bibliography.

The ISO/IEC 14443 series of standards accommodates the operation of proximity cards in the presence of other contactless cards conforming to the ISO/IEC 10536 series of standards and the ISO/IEC 15693 series of standards.