

*Indian Standard*  
**IDENTIFICATION CARDS — INTEGRATED CIRCUIT  
CARDS**

**PART 12 CARDS WITH CONTACTS — USB ELECTRICAL INTERFACE AND  
OPERATING PROCEDURES**

## 1 Scope

This part of ISO/IEC 7816 specifies the operating conditions of an integrated circuit card that provides a USB interface. Figure 1 shows the assignment of the contact fields for a USB interface and – to illustrate interoperability – the assignment as used in ISO/IEC 7816-3.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 7816-2:1999/Amd.1:2004, *Identification cards — Integrated circuit cards — Part 2: Cards with contacts — Dimensions and location of the contacts — Amendment 1: Assignment of contacts C4 and C8*

ISO/IEC 7816-3, *Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols*