



## Identification cards — Integrated circuit cards —

### Part 12:

## Cards with contacts — USB electrical interface and operating procedures

### TECHNICAL CORRIGENDUM 1

*Cartes d'identification — Cartes à circuit intégré —*

*Partie 12: Cartes à contacts — Interface électrique USB et procédures de fonctionnement*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO/IEC 7816-12:2005 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

---

*Page 10, Table 9*

In the second row, replace "ATR" with "cold reset ATR".

*Page 11, Table 11*

In the last row, replace "ATR" with "cold reset ATR".

Page 13, 8.1.2

In the second line of first paragraph after "Configured", add "and "virtually not present". The device is in its "Initial" state."

Page 16, Table 18

In the second row, replace "ATR" with "cold reset ATR".

Page 17, Table 19

In the last column, replace "ATR" with "Cold reset ATR".

Page 17, Table 22

In the last row, after "Length of data", add "The value shall be either 2, Le or dwMaxCCIDMessageLength depending of the preceding StatusByte"

Page 18, 8.2.1.3

In the second line of first paragraph after "Configured.", add "The device is in its "Initial" state."

Page 23, Table 25

In the second row, replace "ATR" with "cold reset ATR".

Page 24, 8.2.2.2

In the second paragraph after Table 28, replace the reference to "Table 14" with "8.2.2.4".

Page 24, Table 29

In the last row, after "(see also Table 31)", add "For the first DATA\_BLOCK request after a ICC\_POWER\_ON, wLength should be set to dwMaxCCIDMessageLength."

Page 25, 8.2.2.3

In the second line of first paragraph after "Configured", add "and "virtually not present". The device is in its "Initial" state."

Page 26, 8.2.2.3

In the note after Figure 6, replace the reference to "9.3" with "8.3".

Page 27, Table 31

In the second row, after "For extended response APDUs", add "and if the short response APDU contains more bytes than indicated in wLength of the DATA\_Block request "

Page 27, 8.2.2.4

In the first paragraph, after "The following values are assigned:", add:

"Short length command APDUs:

00h the command APDU begins and ends with this command

Extended length command APDUs:"

Page 29, 8.3.1

In the paragraph after Table 34, second dash, remove the last sentence.

In the note, remove the two last sentences.

FOR BIS USE ONLY