INTERNATIONAL STANDARD

ISO/IEC 7816-4

Third edition
2013-04-15

AMENDMENT 1
2018-08

Identification cards — Integrated circuit cards —

Part 4: Organization, security and commands for interchange

AMENDMENT 1: Multiple record handling

Cartes d'identification — Cartes à circuit intégré —

Partie 4: Organisation, sécurité et commandes pour les échanges

AMENDEMENT 1: Manutention multiple record

Reference number
ISO/IEC 7816-4:2013/Amd.1:2018(E)

Documents
Document Sharing Hub
© ISO/IEC 2018

Full document details: ISO_IEC 7816-4_2013_Amd 1_2018

COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

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

Published in Switzerland

© ISO/IEC 2018 – All rights reserved

Documents
Document Sharing Hub

Full document details: ISO_IEC 7816-4_2013_Amd 1_2018

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by ISO/IEC JTC 1, *Information technology*, SC 17, *Cards and security devices for personal identification*.

© ISO/IEC 2018 – All rights reserved

Documents
Document Sharing Hub
Full document details: ISO_IEC 7816-4_2013_Amd 1_2018

Documents
Document Sharing Hub

Full document details: ISO_IEC 7816-4_2013_Amd 1_2018

Identification cards — Integrated circuit cards —

Part 4: Organization, security and commands for interchange

AMENDMENT 1: Multiple record handling

Page 17, Table 6

Replace text in the “Meaning” column for SW1 = ‘62‘ and SW2 = ‘87‘ with the following:

> At least one of the referenced records is not processed for some reason, e.g. record deactivated, security status not satisfied or conditions of use not satisfied.

Page 74, 11.3.2, second paragraph, third sentence

Replace the description in parentheses with the following:

> At least one of the referenced records is not processed.

Page 74, 11.3.2, NOTE

Replace the text of the NOTE with the following:

> If the number of records exceeds the numbering range ('01' to 'FE') of the record handling command, records can be handled, e.g. by using next occurrence option of the record identifier, or by using multiple record handling with record number DO‘02‘.

Page 74, 11.3.2, sixth paragraph

Replace the text in P2 with the following:

> P2 — If bits b8 to b4 are not all equal, these bits are a short EF identifier according to Table 69 and bits b3 to b1 depend upon the command. If bits b8 to b1 are set to 11111000 (i.e. P2 = ‘F8‘), P2 indicates multiple record handling (for details, see 11.3.3 to 11.3.10).

Page 74, Table 69

Replace Table 69 and its title with the following:

Table 69 — Coding of P2

b8	b7	b6	b5	b4	b3	b2	b1	Meaning
0	0	0	0	0	—	—	—	Current EF
Not all equal					—	—	—	Short EF identifier (a number from one to thirty)
1	1	1	1	1	0	0	0	Multiple record handling (for details, see 11.3.3 to 11.3.10)
1	1	1	1	1	Not all zero			RFU

Page 74, 11.3.2

Add the following paragraph after the last paragraph:

> In the multiple record handling option of this command group, SW1-SW2 set to ‘6287‘ indicates that some command processes are done and others are not (e.g. some addressed records are read

© ISO/IEC 2018 – All rights reserved

AVA Documents Document Sharing Hub
Full document details: ISO_IEC 7816-4_2013_Amd 1_2018