

Fourth edition
2018-07

AMENDMENT 2
2020-08

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

Part 3:
Initialization and anticollision

AMENDMENT 2: Enhancements for
harmonization

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

Partie 3: Initialisation et anticollision

AMENDEMENT 2: Améliorations pour harmonisation



Reference number
ISO/IEC 14443-3:2018/Amd.2:2020(E)

© ISO/IEC 2020



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2020

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
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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.

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) or the IEC list of patent declarations received (see <http://patents.iec.ch>).

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

For an explanation of 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 www.iso.org/iso/foreword.html.

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

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

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

STANDARDSISO.COM : Click to view the full PDF of ISO/IEC 14443-3:2018/Amd 2:2020

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

Part 3: Initialization and anticollision

AMENDMENT 2: Enhancements for harmonization

Page 7, after 5.2.4

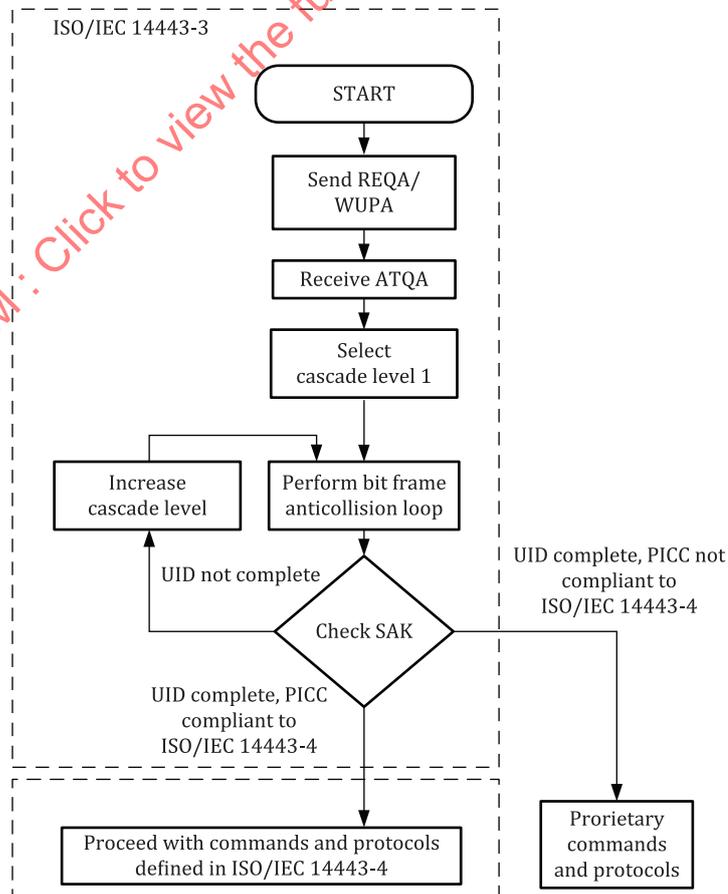
Add the following new subclause:

5.2.5 PCD operating field reset

To reset the operating field the PCD shall switch off the operating field for at least 5,1 ms followed by presenting an unmodulated RF field for at least 5,1 ms.

Page 17, Figure 9

Replace "REQA" by "REQA/WUPA"; i.e. replace Figure 9 with the following figure:



Page 17, 6.5.1

Add the following at the end of the subclause:

A PCD shall perform the sequence as specified or reset the operating field if a collision is detected in ATQA or during the bit frame anticollision.

Page 18, 6.5.2.1

Replace the last paragraph by the following:

A PCD detecting a collision in any bit of (b16 to b1) shall either

- commence with the first step of the anticollision loop (see 6.5.3.1), regardless of any value in the proprietary field b12 to b9, or
- reset the operating field.

STANDARDSISO.COM : Click to view the full PDF of ISO/IEC 14443-3:2018/Amd 2:2020