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**Identification cards - Contactless integrated circuit(s) cards - Proximity cards — Part 3: Initialisation and anticollision — Part 3: Amendment 4: Activation of higher layer protocols**

*Cartes d'identification — Cartes à circuit(s) intégrés sans contacts — Cartes de proximité — Partie 4: Protocole de transmission*

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## Foreword

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Amendment 5 to ISO/IEC 14443-3:2001 was prepared by Technical Committee ISO/IEC/TC , , Subcommittee SC 17, *Cards and Personal Identification*.

## Introduction



## Identification cards - Contactless integrated circuit(s) cards - Proximity cards — Part 3: Initialisation and anticollision — Part 3: Amendment 4: Activation of higher layer protocols

### 1 Page 35, section 7.7.4

Replace the Figure 22 by the following

b8	b7	b6	b5	b4	b3	b2	b1
RFU		X-bloc support	Extended ATQB supported	REQB / WUPB	N		

Figure 22 - Coding of PARAM

Before the Warning, add the sentence:

- b6 = 0 defines: X-bloc as define in ISO/IEC 14443-4 is not supported by the PCD,
- b6 = 1 defines: X-bloc as define in ISO/IEC 14443-4 is supported by the PCD.

Replace the sentence after the Warning by

A PCD sending a REQB/WUPB command with (b8 to b7) <> (00)b is not compliant with this standard.

The PICC should ignore (b8 to b7) and its interpretation of any other field of the whole frame shall not change.

### 2 Page 38, section 7.9.4

Replace the Figure 26 by the following

1st byte	2nd byte		3rd byte			4th byte (optional) Extended ATQB		
Bit_Rate_capability (8 bits)	Max_Frame_Size (4 bits)	Protocol_Type (4 bits)	FWI (4 bits)	ADC (2 bits)	FO (2 bits)	SFGI (4 bits)	X-bloc support (1 bit)	RFU (3 bits)

Figure 26 — Protocol Info format

**3 Page 40, section 7.9.4.7**

Replace the first sentence by:

The optional Extended ATQB byte (optional 4th byte of protocol info field) consists of three parts:

- bits (b3 to b1) are RFU and shall be set to (000)b;
- bit b4 define the X-block support as defined in ISO/IEC 14443-4 and shall be set to 1 if X-bloc are supported by the PICC
- the most significant half byte (b8 to b5) defines the Start-up Frame Guard time Integer (SFGI).