



EMV® Specification Bulletin No. 284
First Edition March 2023

Contact – Clarification for Procedure Byte Use

This Specification Bulletin defines when an ICC is prohibited from sending a '60', INS, or INS procedure byte.

Applicability

This Specification Bulletin applies to:

- *EMV® Level 1 Specifications for Payment Systems, EMV Contact Interface Specification, Version 1.0, October 2022.*

Related Documents

- *INTERNATIONAL STANDARD, ISO/IEC 7816-3, Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols, Third edition, 2006-11-01*
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Description

The using of the '60', INS, and INS procedure bytes between ICC data and a status word or '61' procedure byte is prohibited.

For cards:

Requirements	Date for application
The changes (new requirements) in this bulletin	Approved cards due for renewal: from January 2026
EMV Contact Interface Specification version 1.0	New card approvals: until end December 2023
The changes (new requirements) in this bulletin	New card approvals: from January 2024

Specification Changes

A new clause is added to the end of section 9.2.2.3.1.

9.2.2.3.1 Procedure Byte

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In all cases, after the action has taken place the TTL shall wait for a further procedure byte or status.

ICC shall not send a '60', INS, nor INS procedure byte between a data byte from the ICC and the first status byte SW1 or '61' procedure byte.

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