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Qi Specification version 2.0 - Part 8: NFC Tag Protection

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/25

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 63563-8**

March 2025

ICS 29.240.99; 35.240.99

English Version

**Qi Specification version 2.0 - Part 8: NFC Tag Protection  
(IEC 63563-8:2025)**

Spécification Qi version 2.0 - Partie 8: Protection des  
étiquettes NFC  
(IEC 63563-8:2025)

Qi Spezifikation Version 2.0 - Teil 8: Nfc tag Schutz  
(IEC 63563-8:2025)

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**EN IEC 63563-8:2025 (E)****European foreword**

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The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2026-03-31
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IEC 63563-8

Edition 1.0 2025-02

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Qi Specification version 2.0 –  
Part 8: NFC Tag Protection**

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IEC 63563-8

Edition 1.0 2025-02

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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**Qi Specification version 2.0 –  
Part 8: NFC Tag Protection**

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COMMISSION

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## QI SPECIFICATION VERSION 2.0 –

## Part 8: NFC Tag Protection

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IEC 63563-8 has been prepared by technical area 15: Wireless Power Transfer, of IEC technical committee 100: Audio, video and multimedia systems and equipment. It is an International Standard.

It is based on *Qi Specification version 2.0, NFC Tag Protection* and was submitted as a Fast-Track document.

The text of this International Standard is based on the following documents:

| Draft         | Report on voting |
|---------------|------------------|
| 100/4252/FDIS | 100/4283/RVD     |

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

The structure and editorial rules used in this publication reflect the practice of the organization which submitted it.

This document was developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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- reconfirmed,
- withdrawn, or
- revised.



# **Qi Specification**

## ***NFC Tag Protection***

**Version 2.0**

**April 2023**

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**RELEASE HISTORY**

| Specification Version | Release Date | Description                                   |
|-----------------------|--------------|-----------------------------------------------|
| 2.0                   | April 2023   | Initial release of the v2.0 Qi Specification. |

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# 1 General

The Wireless Power Consortium (WPC) is a worldwide organization that aims to develop and promote global standards for wireless power transfer in various application areas. A first application area comprises flat-surface devices such as mobile phones and chargers in the Baseline Power Profile (up to 5 W) and Extended Power Profile (above 5 W).

## 1.1 Structure of the Qi Specification

### General documents

- Introduction
- Glossary, Acronyms, and Symbols

### System description documents

- Mechanical, Thermal, and User Interface
- Power Delivery
- Communications Physical Layer
- Communications Protocol
- Foreign Object Detection
- NFC Tag Protection
- Authentication Protocol

## 1.2 Scope

The *Qi Specification, NFC/RFID Card Protection* (this document) provides guidelines for detecting the presence of a Radio Frequency Identification (RFID) tag or Near Field Communication (NFC) card within the operating range of the Power Transmitter and preventing damage to the tag or card.

## 1.3 Compliance

All provisions in the *Qi Specification* are mandatory, unless specifically indicated as recommended, optional, note, example, or informative. Verbal expression of provisions in this Specification follow the rules provided in ISO/IEC Directives, Part 2.

**Table 1: Verbal forms for expressions of provisions**

| Provision      | Verbal form              |
|----------------|--------------------------|
| requirement    | “shall” or “shall not”   |
| recommendation | “should” or “should not” |
| permission     | “may” or “may not”       |
| capability     | “can” or “cannot”        |

## 1.4 References

For undated references, the most recently published document applies. The most recent WPC publications can be downloaded from <http://www.wirelesspowerconsortium.com>.

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