



SLOVENSKI STANDARD
SIST EN IEC 63203-201-4:2025

01-april-2025

Nosljive elektronske naprave in tehnologije - 201-4. del: Elektronski tekstil - Preskusna metoda za ugotavljanje odpornosti prevodne tkanine po obrabi (IEC 63203-201-4:2024)

Wearable electronic devices and technologies - Part 201-4: Electronic textile - Test method for determining sheet resistance of conductive fabrics after abrasion (IEC 63203-201-4:2024)

Tragbare elektronische Geräte und Technologien - Teil 201-4: Elektronische Textilien – Prüfverfahren zur Bestimmung der Abriebfestigkeit von leitfähigen textilen Flächegebilden (IEC 63203-201-4:2024)

Technologies et dispositifs électroniques prêts-à-porter - Partie 201-4: Textile électronique - Méthode d'essai pour la détermination de la résistance d'une pièce d'étoffe conductrice après abrasion (IEC 63203-201-4:2024)

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Ta slovenski standard je istoveten z: EN IEC 63203-201-4:2025

ICS:

59.080.80 Inteligentne tekstilije Smart textiles

SIST EN IEC 63203-201-4:2025 en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 63203-201-4

February 2025

ICS 59.080.80

English Version

**Wearable electronic devices and technologies - Part 201-4:
Electronic textile - Test method for determining sheet resistance
of conductive fabrics after abrasion
(IEC 63203-201-4:2024)**

Technologies et dispositifs électroniques prêts-à-porter -
Partie 201-4: Textile électronique - Méthode d'essai pour la
détermination de la résistance d'une pièce d'étoffe
conductrice après abrasion
(IEC 63203-201-4:2024)

Tragbare elektronische Geräte und Technologien -
Teil 201-4: Elektronische Textilien - Prüfverfahren zur
Bestimmung der Abriebfestigkeit von leitfähigen textilen
Flächengebilden
(IEC 63203-201-4:2024)

This European Standard was approved by CENELEC on 2025-01-20. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 63203-201-4:2025 (E)

European foreword

The text of document 124/290/FDIS, future edition 1 of IEC 63203-201-4, prepared by TC 124 "Wearable electronic devices and technologies" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63203-201-4:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-02-28 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-02-29 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 63203-201-4:2024 was approved by CENELEC as a European Standard without any modification.

[SIST EN IEC 63203-201-4:2025](https://standards.iteh.ai/catalog/standards/sist/25b95106-ad4c-4142-b1ad-cf3b3c019fe1/sist-en-iec-63203-201-4-2025)

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62899-202	2023	Printed electronics - Part 202: Materials - Conductive ink	-	-
ISO 139	-	Textiles - Standard atmospheres for conditioning and testing	EN ISO 139	-
ISO 12947-1	1998	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 1: Martindale abrasion testing apparatus	EN ISO 12947-1	1998
ISO 12947-2	2016	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2: Determination of specimen breakdown	EN ISO 12947-2	2016

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