

STN	Nositeľné elektronické zariadenia a technológie Časť 201-3: Elektronické textílie Stanovenie elektrického odporu vodivých textílií v simulovanej mikroklíme	STN EN IEC 63203-201-3 35 9350
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Wearable electronic devices and technologies - Part 201-3: Electronic textile - Determination of electrical resistance of conductive textiles under simulated microclimate

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

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EN IEC 63203-201-3

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**Wearable electronic devices and technologies - Part 201-3:
Electronic textile - Determination of electrical resistance of
conductive textiles under simulated microclimate
(IEC 63203-201-3:2021)**

Technologies et dispositifs électroniques prêts-à-porter -
Partie 201-3: Textile électronique - Détermination de la
résistance électrique des textiles conducteurs sous
microclimat simulé
(IEC 63203-201-3:2021)

Tragbare elektronische Geräte und Technologien - Teil 201-
3: Elektronische Textilien - Bestimmung des elektrischen
Widerstandes von leitfähigen Textilien unter simuliertem
Mikroklima
(IEC 63203-201-3:2021)

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Comité Européen de Normalisation Electrotechnique
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EN IEC 63203-201-3:2021 (E)**European foreword**

The text of document 124/136/FDIS, future edition 1 of IEC 63203-201-3, prepared by IEC/TC 124 "Wearable electronic devices and technologies" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63203-201-3:2021.

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ISO 8388:1998 NOTE Harmonized as EN ISO 8388:2003 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 139	-	Textiles - Standard atmospheres for conditioning and testing	EN ISO 139	-
ISO 11092	2014	Textiles - Physiological effects - Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test)	EN ISO 11092	2014
ISO 21232	2018	Textiles - Determination of moisturizing effect of textile materials by measurement of microclimate between textiles and simulated human skin using sweating guarded hotplate	-	-
-	-	Textiles and textile products - Electrically conductive textiles - Determination of the linear electrical resistance of conductive tracks	EN 16812	2016



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INTERNATIONAL STANDARD

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

WEARABLE ELECTRONIC DEVICES AND TECHNOLOGIES –**Part 201-3: Electronic textile – Determination of electrical resistance of conductive textiles under simulated microclimate**

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International Standard IEC 63203-201-3 has been prepared by IEC technical committee 124: Wearable electronic devices and technologies.

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

FDIS	Report on voting
124/136/FDIS	124/142/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 63203 series, published under the general title *Wearable electronic devices and technologies*, can be found on the IEC website.

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WEARABLE ELECTRONIC DEVICES AND TECHNOLOGIES –

Part 201-3: Electronic textile – Determination of electrical resistance of conductive textiles under simulated microclimate

1 Scope

This part of IEC 63203-201 specifies a test method for determination of the electrical resistance of conductive fabrics under simulated microclimate within clothing. The microclimate is the climate of the small air layer between the skin and clothing having a specific temperature and humidity. This test method can be applied to conductive fabrics including multilayer assemblies for use in clothing.

2 Normative references

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