

### SLOVENSKI STANDARD SIST EN 60811-302:2012

01-september-2012

Električni in optični kabli - Preskuševalne metode za nekovinske materiale - 302. del: Električni preskusi - Meritve enosmerne upornosti polnilnih zmesi pri 23 °C in 100 °C

Electric and optical fibre cables - Test methods for non-metallic materials - Part 302: Electrical tests - Measurement of the d.c. resistivity at 23 °C and 100 °C of filling compounds

iTeh STANDARD PREVIEW
Kabel, isolierte Leitungen und Glasfaserkabel - Prüfverfahren für nichtmetallene Werkstoffe - Teil 302: Elektrische Prüfungen Messung des Gleichstromwiderstands von Füllmassen bei 23 °C und bei 100 °C

SIST EN 60811-302:2012

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Câbles électriques et câbles à fibres optiques. Méthodes d'essai pour les matériaux non -métalliques - Partie 302: Essais électriques - Mesure de la résistivité en courant continu à 23 °C et 100 °C des matières de remplissage

EN 60811-302:2012 Ta slovenski standard je istoveten z:

ICS:

29.035.01 Izolacijski materiali na Insulating materials in

> splošno general

Kabli Cables 29.060.20

SIST EN 60811-302:2012 en,fr,de SIST EN 60811-302:2012

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### **EUROPEAN STANDARD**

### EN 60811-302

### NORME EUROPÉENNE EUROPÄISCHE NORM

June 2012

ICS 29.035.01; 29.060.20

Supersedes EN 60811-5-1:1999 (partially) + A1:2004 (partially)

English version

# Electric and optical fibre cables Test methods for non-metallic materials Part 302: Electrical tests Measurement of the d.c. resistivity at 23 °C and 100 °C of filling compounds

(IEC 60811-302:2012)

Câbles électriques et à fibres optiques - Méthodes d'essai pour les matériaux non-

métalliques -

Partie 302: Essais électriques -

Mesure de la résistivité en courant continu

à 23 °C et 100 °C des matières de remplissage

(CEİ 60811-302:2012)

Kabel, isolierte Leitungen und

Glasfaserkabel -

Prüfverfahren für nichtmetallene

Werkstoffe -

Teil 302: Elektrische Prüfungen -

Messung des Gleichstromwiderstands von

(standards.itelFüllmassen bei 23 °C und bei 100 °C

(IEC 60811-302:2012)

SIST EN 60811-302:2012

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

#### **Foreword**

The text of document 20/1284/FDIS, future edition 1 of IEC 60811-302, prepared by IEC/TC 20 "Electric cables" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60811-302:2012.

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)	2013-01-16
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2015-04-16

This document supersedes Clause 10 of EN 60811-5-1:1999 + A1:2004 (partially). Full details of the replacements are shown in Annex A of EN 60811-100:2012.

There are no technical changes with respect to EN 60811-5-1:1999 + A1:2004, but see the Foreword to EN 60811-100:2012.

This standard is to be read in conjunction with EN 60811-100.

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This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC)

#### **Endorsement notice**

The text of the International Standard IEC 60811-302:2012 was approved by CENELEC as a European Standard without any modification.

## Annex ZA (normative)

# Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 60247	-	Insulating liquids - Measurement of relative permittivity, dielectric dissipation factor (tan $\delta$ and d.c. resistivity	EN 60247 )	-
IEC 60811-100	2012	Electric and optical fibre cables - Test methods for non-metallic materials - Part 100: General	EN 60811-100	2012

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### IEC 60811-302

Edition 1.0 2012-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

Electric and optical fibre cables – Test methods for non-metallic materials – Part 302: Electrical tests – Measurement of the d.c. resistivity at 23 °C and 100 °C of filling compounds

SIST EN 60811-302:2012

Câbles électriques et à fibres optiques mi Méthodes d'essai pour les matériaux non-métalliques – b155b22934b4/sist-en-60811-302-2012

Partie 302: Essais électriques – Mesure de la résistivité en courant continu à 23 °C et 100 °C des matières de remplissage

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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#### INTERNATIONAL ELECTROTECHNICAL COMMISSION

### ELECTRIC AND OPTICAL FIBRE CABLES – TEST METHODS FOR NON-METALLIC MATERIALS –

Part 302: Electrical tests –
Measurement of the d.c. resistivity
at 23 °C and 100 °C of filling compounds

#### **FOREWORD**

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International Standard IEC 60811-302 has been prepared by IEC technical committee 20: Electric cables.

This Part 302 of IEC 60811 cancels and replaces Clause 10 of IEC 60811-5-1:1990, which is withdrawn. Full details of the replacements are shown in Annex A of IEC 60811-100:2012.

There are no specific technical changes with respect to the previous edition, but see the Foreword to IEC 60811-100:2012.