

# SLOVENSKI STANDARD

## SIST EN 61300-2-23:2011

01-maj-2011

Nadomešča:

SIST EN 61300-2-23:1999

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**Optični spojni elementi in pasivne komponente - Osnovni postopki za preskušanje in meritve - 2-23. del: Preskusi - Tesnjenje breztlčnih ohišij optičnih elementov (IEC 61300-2-23:2010)**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-23: Tests - Sealing for non-pressurized closures of fibre optic devices (IEC 61300-2-23:2010)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 2-23: Prüfungen - Dichtheit druckloser Muffen für Lichtwellenleiter-Bauteile (IEC 61300-2-23:2010)

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Dispositifs d'interconnexion et composants passifs à fibres optiques - Méthodes fondamentales d'essais et de mesures - Partie 2-23: Essais - Étanchéité pour les boîtiers non pressurisés de dispositifs à fibres optiques (CEI 61300-2-23:2010)

**Ta slovenski standard je istoveten z: EN 61300-2-23:2011**

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**ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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**SIST EN 61300-2-23:2011**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61300-2-23**

March 2011

ICS 33.180.20

Supersedes EN 61300-2-23:1997

English version

**Fibre optic interconnecting devices and passive components -  
Basic test and measurement procedures -  
Part 2-23: Tests -  
Sealing for non-pressurized closures of fibre optic devices  
(IEC 61300-2-23:2010)**

Dispositifs d'interconnexion et composants  
passifs à fibres optiques -  
Méthodes fondamentales d'essais et de  
mesures -  
Partie 2-23: Essais -  
Étanchéité pour les boîtiers non  
pressurisés de dispositifs à fibres optiques  
(CEI 61300-2-23:2010)

Lichtwellenleiter -  
Verbindungselemente und passive  
Bauteile -  
Grundlegende Prüf- und Messverfahren -  
Teil 2-23: Prüfungen -  
Dichtheit druckloser Muffen für  
Lichtwellenleiter-Bauteile  
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This European Standard was approved by CENELEC on 2011-02-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

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 86B/3088/FDIS, future edition 2 of IEC 61300-2-23, prepared by SC 86B, Fibre optic interconnecting devices and passive components, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61300-2-23 on 2011-02-01.

This European Standard supersedes EN 61300-2-23:1997.

Changes from EN 61300-2-23:1997 are to reconsider the procedure and severity.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2011-11-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2012-02-01

Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 61300-2-23:2010 was approved by CENELEC as a European Standard without any modification. [SIST EN 61300-2-23:2011](https://standards.iteh.ai/catalog/standards/sist/51f3991-3c0b-4939-b897-15032a1b3088/iec-61300-2-23-2011)

<https://standards.iteh.ai/catalog/standards/sist/51f3991-3c0b-4939-b897-15032a1b3088/iec-61300-2-23-2011>  
In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61300-2-38      NOTE Harmonized as EN 61300-2-38.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 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>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-17	-	Environmental testing - Part 2-17: Tests - Test Q: Sealing	EN 60068-2-17	-
IEC 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN 61300-1	-
IEC 61300-3-3	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss	EN 61300-3-3	-

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IEC 61300-2-23

Edition 2.0 2010-11

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –  
Part 2-23: Tests – Sealing for non-pressurized closures of fibre optic devices**

**Dispositifs d'interconnexion et composants passifs à fibres optiques –  
Méthodes fondamentales d'essais et de mesures –  
Partie 2-23: Essais – Etanchéité pour les boîtiers non pressurisés de dispositifs à fibres optiques**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING  
DEVICES AND PASSIVE COMPONENTS –  
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 2-23: Tests – Sealing for non-pressurized  
closures of fibre optic devices**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61300-2-23 has been prepared by subcommittee SC86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 1995. It constitutes a technical revision. Changes from the previous edition of the document are to reconsider the procedure and severity.