

ELEKTRIJUHISTIKE TORUSÜSTEEMID. OSA 23:
ERINÕUDED. PAINDLIKUD TORUSÜSTEEMID

Conduit systems for cable management - Part 23:
Particular requirements - Flexible conduit systems

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 61386-23:2021 sisaldab Euroopa standardi EN IEC 61386-23:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 61386-23:2021 consists of the English text of the European standard EN IEC 61386-23:2021.
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English Version

Conduit systems for cable management - Part 23: Particular requirements - Flexible conduit systems (IEC 61386-23:2021)

Systèmes de conduits pour la gestion du câblage - Partie
23: Exigences particulières - Systèmes de conduits souples
(IEC 61386-23:2021)

Elektroinstallationsrohrsysteme für die Kabel- und
Leitungsverlegung - Teil 23: Besondere Anforderungen für
flexible Elektroinstallationsrohrsysteme
(IEC 61386-23:2021)

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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

European foreword

The text of document 23A/952/FDIS, future edition 2 of IEC 61386-23, prepared by SC 23A "Cable management systems" of IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61386-23:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-05-17 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-05-17 document have to be withdrawn

This document supersedes EN 61386-23:2004 and all of its amendments and corrigenda (if any).

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This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of EN 61386-1:2008/A1:2019.

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The text of the International Standard IEC 61386-23:2021 was approved by CENELEC as a European Standard without any modification.

INTERNATIONAL STANDARD

**Conduit systems for cable management –
Part 23: Particular requirements – Flexible conduit systems**



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INTERNATIONAL STANDARD

**Conduit systems for cable management –
Part 23: Particular requirements – Flexible conduit systems**

INTERNATIONAL
ELECTROTECHNICAL
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CONDUIT SYSTEMS FOR CABLE MANAGEMENT –**Part 23: Particular requirements – Flexible conduit systems****FOREWORD**

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International Standard IEC 61386-23 has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories.

This second edition cancels and replaces the first edition published in 2002. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Annex AA has been added to provide guidance on the application of a constantly increasing force.

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

FDIS	Report on voting
23A/952/FDIS	23A/957/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 the parts in the IEC 61386 series, published under the general title *Conduit systems for cable management*, can be found on the IEC website.

This document is to be used in conjunction with IEC 61386-1:2008 and IEC 61386-1:2008/AMD1:2017.

This document supplements or modifies the corresponding clauses of IEC 61386-1:2008 and IEC 61386-1:2008/AMD1:2017. Where a particular clause or subclause of IEC 61386-1:2008 and IEC 61386-1:2008/AMD1:2017 is not mentioned in this document, that clause or subclause applies as far as is reasonable. Where this document states "addition", "modification" or "replacement", the relevant text of IEC 61386-1:2008 and IEC 61386-1:2008/AMD1:2017 is to be adapted accordingly.

Subclauses, tables and figures which are in addition to those in IEC 61386-1:2008 and IEC 61386-1:2008/AMD1:2017 are numbered starting with 101. Annexes which are additional to those in IEC 61386-1:2008 and IEC 61386-1:2008/AMD1:2017 are lettered AA, BB, etc.

In this document, the following print types are used:

- Requirements proper: in roman type.
- *Test specifications: in italic type.*
- Explanatory matter: in smaller roman type.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

CONDUIT SYSTEMS FOR CABLE MANAGEMENT –

Part 23: Particular requirements – Flexible conduit systems

1 Scope

Clause 1 of IEC 61386-1:2008 is applicable, except as follows:

Addition:

This part of IEC 61386 specifies the requirements for flexible conduit systems.

2 Normative references

Clause 2 of IEC 61386-1:2008 and of IEC 61386-1:2008/AMD1:2017 are applicable, except as follows:

Addition:

IEC 61386-1:2008, *Conduit systems for cable management – Part 1: General requirements*
IEC 61386-1:2008/AMD1:2017

3 Terms and definitions

Clause 3 of IEC 61386-1:2008 and of IEC 61386-1:2008/AMD1:2017 are applicable.

4 General requirements

Clause 4 of IEC 61386-1:2008 is applicable.

5 General conditions for tests

Clause 5 of IEC 61386-1:2008 and of IEC 61386-1:2008/AMD1:2017 are applicable.

6 Classification

Clause 6 of IEC 61386-1:2008 is applicable, except as follows:

Classifications 6.1.3, 1; 6.1.3, 2 and 6.1.3, 3 are not applicable.

NOTE Flexible conduit systems according to 6.1.1, 1; 6.1.1, 2; 6.1.2, 1; 6.1.2, 2 and classification 1 from 6.2.1, Table 1 are not allowed in France.

7 Marking and documentation

Clause 7 of IEC 61386-1:2008 and of IEC 61386-1:2008/AMD1:2017 are applicable, except as follows: