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Standards

Irish Standard  
I.S. EN IEC 61386-23:2021&A11:2021

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

**I.S. EN IEC 61386-23:2021&A11:2021**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

EN IEC 61386-23:2021/A11:2021

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## National Foreword

I.S. EN IEC 61386-23:2021&A11:2021 is the adopted Irish version of the European Document EN IEC 61386-23:2021, Conduit systems for cable management - Part 23: Particular requirements - Flexible conduit systems

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EUROPEAN STANDARD

**EN IEC 61386-23:2021/A11**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2021

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English Version

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

Systèmes de conduits pour la gestion du câblage -  
Partie 23: Règles particulières - Systèmes de conduits  
souples

Elektroinstallationsrohrsysteme für die Kabel- und  
Leitungsverlegung - Teil 23: Besondere Anforderungen für  
flexible Elektroinstallationsrohrsysteme

This amendment A11 modifies the European Standard EN IEC 61386-23:2021; it was approved by CENELEC on 2021-05-17. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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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 61386-23:2021/A11:2021 (E)**

## **European foreword**

This document (EN IEC 61386-23:2021/A11:2021) has been prepared by CLC/TC 213 “Cable management systems”.

The following dates are fixed:

- latest date by which this document has (dop) 2022-05-17  
to be implemented at national level by  
publication of an identical national  
standard or by endorsement
- latest date by which the national (dow) 2024-05-17  
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EUROPEAN STANDARD

**EN IEC 61386-23**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2021

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Supersedes EN 61386-23:2004 and all of its  
amendments and corrigenda (if any)

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**

## **EN IEC 61386-23:2021 (E)**

### **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.

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- 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
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### **Endorsement notice**

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





**IEC 61386-23**

Edition 2.0 2021-04

# **INTERNATIONAL STANDARD**

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



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**IEC 61386-23**

Edition 2.0 2021-04

# INTERNATIONAL STANDARD

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

INTERNATIONAL  
ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### 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.

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- *Test specifications: in italic type.*
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- 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:

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