

<b>STN</b>	<b>Systémy elektroinštaláčnych rúrok na uloženie káblov</b> <b>Časť 1: Všeobecné požiadavky</b> <b>Zmena A1</b>	<b>STN</b> <b>EN 61386-1/A1</b>  37 0000
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Conduit systems for cable management. Part 1: General requirements

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/19

STN EN 61386-1 z marca 2009 sa bez zmeny A1 môže používať do 26. 7. 2022.

Obsahuje: EN 61386-1:2008/A1:2019, IEC 61386-1:2008/AMD1:2017

**130045**

EUROPEAN STANDARD

**EN 61386-1:2008/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2019

ICS 29.120.10

English Version

**Conduit systems for cable management - Part 1: General requirements  
(IEC 61386-1:2008/A1:2017)**

Systèmes de conduits pour la gestion du câblage - Partie 1:  
Exigences générales  
(IEC 61386-1:2008/A1:2017)

Elektroinstallationsrohrsysteme für elektrische Energie und  
für Informationen - Teil 1: Allgemeine Anforderungen  
(IEC 61386-1:2008/A1:2017)

This amendment A1 modifies the European Standard EN 61386-1:2008; it was approved by CENELEC on 2017-05-30. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment 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 CEN-CENELEC Management Centre has the same status as the official versions.

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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 61386-1:2008/A1:2019 (E)****European foreword**

The text of document 23A/831/FDIS, future edition 2 of IEC 61386-1:2008/A1, prepared by IEC/TC 23A "Cable management systems, of IEC technical committee 23: Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61386-1:2008/A1:2019.

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) 2020-01-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-07-26

This document supersedes EN 61386-1:2008.

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

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 this document.

**Endorsement notice**

The text of the International Standard IEC 61386-1:2008/A1:2017 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60364-4-42:2010	NOTE	Harmonized as HD 60364-4-42:2011 (modified).
IEC 60364-5-52:2009	NOTE	Harmonized as HD 60364-5-52:2011 (modified).
IEC 60670 (series)	NOTE	Harmonized as EN 60670 (series)
IEC 60754-2	NOTE	Harmonized as EN 60754-2.

*This Annex ZA replaces the Annex ZA of EN 61386-1:2008.*

## **Annex ZA** (normative)

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

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60417	1973 <sup>1</sup>	Graphical symbols for use on equipment. Index, survey and compilation of the single sheets.	-	-
IEC 60423	2007	Conduit systems for cable management - Outside diameters of conduits for electrical installations and threads for conduits and fittings	EN 60423	2007
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
-	-		+ corrigendum	1993
+ A1	1999		+ A1	2000
+ A2	2013		+ A2	2013
IEC 60695-2-11	2014	Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products (GWEPT)	EN 60695-2-11	2014
IEC 60695-11-2	2003	Fire hazard testing -- Part 11-2: Test flames - 1 kW nominal pre-mixed flame - Apparatus, confirmatory test arrangement and guidance	EN 60695-11-2	2003
IEC 61386-21	2002	Conduit systems for cable management -- Part 21: Particular requirements - Rigid conduit systems	EN 61386-21	2004
-	-		+ corrigendum	2004
-	-		+ A11	2010
IEC 61386-22	2002	Conduit systems for cable management -- Part 22: Particular requirements - Pliable conduit systems	EN 61386-22	2004
-	-		+ corrigendum	2004
-	-		+ A11	2010

<sup>1</sup> Dated as no equivalent European Standard exists.

**EN 61386-1:2008/A1:2019 (E)**

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61386-23	2002	Conduit systems for cable management -- Part 23: Particular requirements - Flexible conduit systems	EN 61386-23	2004
-	-		+ corrigendum	2004
			Apr.	
-	-		+ A11	2010
IEC 61386-24	2004	Conduit systems for cable management -- Part 24: Particular requirements - Conduit systems buried underground	EN 61386-24	2010
IEC 61386-25	2011	Conduit systems for cable management -- Part 25: Particular requirements - Conduit fixing devices	EN 61386-25	2011

## Annex ZZ (informative)

### Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European Standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

**Table ZZ.1 – Correspondence between this European Standard and Annex I of Directive 2014/35/EU [2014 OJ L96]**

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
(1)(a)	Clause 7 Marking and documentation	
(1)(b)	Clause 6 Classification Clause 7 Marking and documentation Clause 8 Dimensions Clause 9 Construction	
(1)(c)	Clause 1 Scope Clause 2 Normative references Clause 3 Terms and definitions Clause 4 General requirements Refer to (2)(a) to (2)(d) and (3)(a) to (3)(c) below	
(2)(a)	Clause 4 General requirements Clause 5 General conditions for tests Clause 6 Classification Clause 9 Construction Clause 10 Mechanical properties Clause 11 Electrical properties Clause 12 Thermal properties Clause 14 External influences	

**EN 61386-1:2008/A1:2019 (E)**

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
(2)(b)	Clause 5 General conditions for tests Clause 12 Thermal properties Clause 13 Fire Hazard	
(2)(c)	Clause 5 General conditions for tests Clause 9 Construction Clause 10 Mechanical properties Clause 12 Thermal properties Clause 13 Fire Hazard Clause 14 External influences	
(2)(d)	Clause 5 General conditions for tests Clause 6 Classification Clause 11 Electrical properties	
(3)(a)	Clause 5 General conditions for tests Clause 6 Classification Clause 9 Construction Clause 10 Mechanical properties Clause 12 Thermal properties	
(3)(b)	Clause 5 General conditions for tests Clause 6 Classification Clause 12 Thermal properties Clause 13 Fire Hazard Clause 14 External influences Clause 15 Electromagnetic compatibility	
(3)(c)		Risk assessment shows foreseeable conditions of overload are not of concern.

**WARNING 1** — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

**WARNING 2** — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.



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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

**Conduit systems for cable management –  
Part 1: General requirements**

**Systèmes de conduits pour la gestion du câblage –  
Partie 1: Exigences générales**







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Edition 2.0 2017-04

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

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**Conduit systems for cable management –  
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## FOREWORD

This amendment has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories.

The text of this amendment is based on the following documents:

FDIS	Report on voting
23A/831/FDIS	23A/838/RVD

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

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

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

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## 2 Normative references

*Replace the existing references to IEC 60529 and IEC 60695-2-11 by the following new references:*

IEC 60529:1989 + AMD1:1999+AMD2:2013, *Degrees of protection provided by enclosures (IP Code)*

IEC 60695-2-11:2014, *Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products (GWEPT)*

*Add the following new references:*

IEC 61386-21:2002, *Conduit systems for cable management – Part 21: Particular requirements – Rigid conduit systems*

IEC 61386-22:2002, *Conduit Systems for cable management – Part 22: Particular requirements – Pliable conduit systems*

IEC 61386-23:2002, *Conduit systems for cable management – Part 23: Particular requirements – Flexible conduit systems*

IEC 61386-24:2004, *Conduit systems for cable management – Part 24: Particular requirements – Conduit systems buried underground*

IEC 61386-25:2011, *Conduit systems for cable management – Part 25: Particular requirements – Conduit fixing devices*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**