SLOVENSKI STANDARD
SIST EN 61386-24:2010

01-december-2010

Nadomešča:
SIST EN 50086-2-4:1999
SIST EN 50086-2-4:1999/A1:2002

Sistemi kanalov za električne inštalacije - 24. del: Posebne zahteve - Podzemni zasuti kanalski sistemi (IEC 61386-24:2004)

Conduit systems for cable management - Part 24: Particular requirements - Conduit systems buried underground (IEC 61386-24:2004)

Installationsrohrsysteme zum Führen von Leitungen für elektrische Energie und für Information - Teil 2-4: Besondere Anforderungen für erdverlegte Elektroinstallationsrohrsystem (IEC 61386-24:2004)

Systèmes de conduits pour la gestion du câblage - Partie 24: Règles particulières - Systèmes de conduits enterrés dans le sol (CEI 61386-24:2004)

Ta slovenski standard je istoveten z: **EN 61386-24:2010**

ICS:

29.120.10	Inštalacijske cevi za električne namene	Conduits for electrical purposes

SIST EN 61386-24:2010 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61386-24

October 2010

ICS 29.120.10

Supersedes EN 50086-2-4:1994 + corr. Feb.2001 + A1:2001

English version

Conduit systems for cable management - Part 24: Particular requirements - Conduit systems buried underground

(IEC 61386-24:2004)

Systèmes de conduits pour la gestion du câblage - Partie 24: Règles particulières - Systèmes de conduits enterrés dans le sol (CEI 61386-24:2004)

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This European Standard was approved by CENELEC on 2010-10-01. 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

Ref. No. EN 61386-24:2010 E

Foreword

The text of the International Standard IEC 61386-24:2004, prepared by SC 23A, Cable management systems, of IEC TC 23, Electrical accessories, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 61386-24 on 2010-10-01 without any modification.

This European Standard supersedes EN 50086-2-4:1994 + corr. Feb.2001 + A1:2001.

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)	2011-10-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2013-10-01

This Part 24, which specifies particular requirements for conduit systems buried underground, is to be used in conjunction with EN 61386-1, *Conduit systems for cable management – Part 1: General Requirements,* and its amendments. It was established on the basis of the first edition (2004) of that standard and its Amendment 1 (2000).

This Part 24 supplements or modifies the corresponding clauses of EN 61386-1. Where a particular clause or subclause of Part 1 is not mentioned in this Part 24, that clause or subclause applies as far as is reasonable. Where this Part 24 states "addition", "modification" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

Subclauses, tables and figures which are in addition to those in Part 1 are numbered starting with 101.

A conduit system which complies with this standard, is deemed safe for use when installed in accordance with national wiring regulations, whilst applying the manufactures installation instructions and conduit classification.

NOTE The following print types are used:

- requirements: in roman type
- *test specifications: in italic type*
- notes: in small roman type

EN 61386 consists of the following parts, under the general title *Conduits systems for cable management:*

Part 1: General requirements

Part 21: Particular requirements – Rigid conduit systems

Part 22: Particular requirements – Pliable conduit systems

Part 23: Particular requirements – Flexible conduit systems

Part 24: Particular requirements – Conduit systems buried underground

Part 25: Particular requirements – Conduit fixing devices

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61386-24:2004 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 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.

Annex ZA of Part 1 is applicable except as follows:

EN 60423, Not applicable

EN 60670, Not applicable

Addition:

Publication	Year	Title	EN/HD	Year
ISO 161-1	1996	Thermoplastics pipes for the conveyance of fluids - Nominal outside diameters and nominal pressures - Part 1: Metric series	-	-
ISO 2768-1	1989	General tolerances - Part 1: Tolerances for linear and angular dimensions without individual tolerance indications	EN 22768-1	1993

Annex ZB
(normative)

Special national conditions

Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions.

NOTE If it affects harmonization, it forms part of the European Standard or Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

Clause	Special national condition
General	**Denmark** According to the installation practice in Denmark conduit systems buried underground have to be in the colour “red no 5” according to DS 735 (1982) or “red” according to IEC 304 (1982).

NORME INTERNATIONALE

INTERNATIONAL STANDARD

CEI
IEC
61386-24

Première édition
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Systèmes de conduits pour la gestion du câblage –

Partie 24: Règles particulières – Systèmes de conduits enterrés dans le sol

Conduit systems for cable management –

Part 24: Particular requirements – Conduit systems buried underground

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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For price, see current catalogue

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONDUIT SYSTEMS FOR CABLE MANAGEMENT –

Part 24: Particular requirements – Conduit systems buried underground

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 61386-24 has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories.

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

FDIS	Report on voting
23A/446/FDIS	23A/459/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.