SIS - Standardiseringskommissionen i Sverige

SVENSKA ELEKTROTEKNISKA NORMER, SEN

SVENSK STANDARD SS-EN 50 086-1

Handläggande organ
SEK, SVENSKA ELEKTRISKA KOMMISSIONEN

Fastställd	Utgåva	Sida	Ingår i
1994-03-25	1	1 (1 + 37)	SEK Översikt CLC 113

Registrering
Reg 424 10 33

Elinstallationsrör med tillbehör - Del 1: Allmänna fordringar

Conduit systems for electrical installations - Part 1: General requirements

Som svensk standard gäller europastandarden EN 50 086-1: 1993. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50 086-1: 1993.

EN 50 086-1 är avsedd att användas tillsammans med tillämplig del 2 som kompletterar eller modifierar motsvarande avsnitt i del 1.

UDK 615.315.2

Standarder kan beställas hos SIS som även lämnar allmänna upplysningar om svensk och utländsk standard.
Postadress: SIS, Box 3295, 103 66 Stockholm
Telefon: 08 - 613 52 00. *Telefax*: 08 - 411 70 35

Upplysningar om **sakinnehållet** i standarden lämnas av SEK.
Telefon: 08 - 750 78 20. *Telefax*: 08 - 751 84 70

Prisgrupp S

Tryckt i maj 1994

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50086-1

December 1993

UDC 615.315.2

Descriptors: Electric wiring system, insulating conduit, dimension, mechanical characteristics, electrical characteristics, test

English version

Conduit systems for electrical installations
Part 1: General requirements

Systèmes de conduits pour installations électriques
Partie 1: Règles générales

Elektroinstallationsrohrsysteme für elektrische Installationen
Teil 1: Allgemeine Anforderungen

This European Standard was approved by CENELEC on 1993-07-06. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This European Standard has been prepared by CENELEC Technical Committee TC 113, Cable Management Systems.

This Part 1, which specifies general requirements for all conduit systems, is to be used in conjunction with the appropriate Part 2, which contains clauses to supplement or modify the corresponding clauses in Part 1, to provide the relevant particular requirements for each type of product.

A conduit system which conforms to this standard, is deemed safe for use.

The text of this standard was approved by CENELEC as EN 50086-1 on 1993-07-06.

The following dates were fixed.

-	latest date of publication of an identical national standard	(dop)	1994-07-01
-	latest date of withdrawal of conflicting national standards	(dow)	1996-01-31

For products which have complied with the relevant national standard before 1996-01-31, as shown by the manufacturer or by a certification body; this previous standard may continue to apply for production until 2001-01-31.

Contents

1 Scope

This standard specifies requirements and tests for conduit systems, including conduits and conduit fittings, for the protection and management of insulated conductors and/or cables in electrical installations or in communication systems up to 1 000 V a.c. and/or 1 500 V d.c. This standard applies to metallic, non-metallic and composite conduit systems including threaded and non-threaded entries which terminate the system. This standard does not apply to enclosures and connecting boxes which come within the scope of IEC 670.

This Part 1 shall be used in conjunction with the relevant Part 2 for particular requirements.

NOTE 1: Certain conduit systems may also be suitable for use in hazardous atmospheres. Regard should then be taken of the extra requirements necessary for equipment to be installed in such conditions.

NOTE 2: Earthing conductors may or may not be insulated.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 60423 (in preparation)		Outside diameters of conduits for electrical installations and threads for conduits and fittings (IEC 423 - future ed. 2)
EN 60529	1991	Degrees of protection provided by enclosures (IP Code) (IEC 529:1989)
EN 60695-2-4/1	1993	Fire hazard testing - Part 2: Test methods Section 4/sheet 1: 1 kW nominal pre-mixed test flame and guidance (IEC 695-2-4/1:1991)
HD 243 S10	1993	Graphical symbols for use on equipment Index, survey and compilation of the single sheets (IEC 417:1973 + supplements A:1974 to K:1991)
IEC 670	1989	General requirements for enclosures for accessories for household and similar fixed electrical installations
IEC 695-2-1	1991	Fire hazard testing - Part 2: Test methods Section 1: Glow-wire test and guidance