

Preparation of documents used in electrotechnology —

Part 3: Connection diagrams, tables and lists

The European Standard EN 61082-3:1994 has the status of a
British Standard

UDC 621.3.061:003.62

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This British Standard, having been prepared under the direction of the General Electrotechnical Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 April 1994

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The following BSI references relate to the work on this standard:
Committee reference GEL/3
Draft for comment 92/86327 DC

ISBN 0 580 23078 3

Amendments issued since publication

Amd. No.	Date	Comments

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National foreword

This British Standard has been prepared under the direction of the General Electrotechnical Standards Policy Committee and is the English language version of EN 61082-3:1994 *Preparation of documents used in electrotechnology. Part 3: Connection diagrams, tables and lists*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1082-3:1993 published by the International Electrotechnical Commission (IEC).

IEC 1082 consists of several Parts as follows:

IEC 1082-1:1991, *General requirements*.

IEC 1082-2:1993, *Function-oriented diagrams*.

IEC 1082-3:1993, *Connection diagrams, tables and lists*.

IEC 1082-4, *Location and installation documents* (in preparation).

Other Parts under consideration are:

- Parts' lists
- Spare parts' lists
- Instructions

It is envisaged that all Parts of IEC 1082 will be adopted by CENELEC as Parts of EN 61082. British Standards identical in number and title will be published as further Parts of BS EN 61082 in due course.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, pages 2 to 22, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

English version

Preparation of documents used in electrotechnology Part 3: Connection diagrams, tables and lists

(IEC 1082-3:1993)

Etablissement des documents utilisés en
électrotechnique
Partie 3: Schémas, tableaux et listes des
connexions
(CEI 1082-3:1993)

Erstellung von in der Elektrotechnik
verwendeten Dokumenten
Teil 3: Schaltpläne, Tabellen und Listen
(IEC 1082-3:1993)

This European Standard was approved by CENELEC on 1993-09-22. 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

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 3B(CO)50, as prepared by Subcommittee 3B: Documentation, of IEC Technical Committee No. 3: Documentation and graphical symbols, was submitted to the IEC-CENELEC parallel vote in November 1992.

The reference document was approved by CENELEC as EN 61082-3 on 22 September 1993.

This European Standard replaces HD 246.5 S1:1977 and HD 246.6 S2:1988.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1994-12-01
- latest date of withdrawal of conflicting national standards (dow) 1994-12-01

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA is normative.

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Section 1. General

1.1 Scope

This International Standard provides rules for connection diagrams, tables and lists.

NOTE According to IEC 1082-1, no difference between the terms *table* and *list exists*.

1.2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 1082. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and the parties to agreements based on this part of IEC 1082 are encouraged to investigate the possibility of applying the most recent editions of the normative documents listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 445:1988, *Identification of equipment terminals and of terminations of certain designated conductors, including general rules for an alphanumeric system*.

IEC 446:1989, *Identification of conductors by colours or numerals*.

IEC 617-3:1983, *Graphical symbols for diagrams — Part 3: Conductors and connecting devices*.

IEC 750:1983, *Item designation in electrotechnology*.

IEC 757:1983, *Code for designation of colours*.

IEC 1082-1:1991, *Preparation of documents used in electrotechnology — Part 1: General requirements*.

IEC 1082-2:1993, *Preparation of documents used in electrotechnology — Part 2: Function-oriented diagrams*.