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**BS EN 61082-1:2015**



**BSI Standards Publication**

# **Preparation of documents used in electrotechnology**

Part 1: Rules

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This British Standard is the UK implementation of EN 61082-1:2015. It is identical to IEC 61082-1:2014. It supersedes BS EN 61082-1:2006, which will be withdrawn on 1 December 2017.

The UK participation in its preparation was entrusted to Technical Committee GEL/3, Documentation and graphical symbols.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2015.

#### **Amendments/corrigenda issued since publication**

<b>Date</b>	<b>Text affected</b>
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## EUROPÄISCHE NORM

January 2015

ICS 01.110; 29.020

Supersedes EN 61082-1:2006

English Version

Preparation of documents used in electrotechnology -  
Part 1: Rules  
(IEC 61082-1:2014)

Établissement des documents utilisés en électrotechnique -  
Partie 1: Règles  
(IEC 61082-1:2014)

Dokumente der Elektrotechnik -  
Teil 1: Regeln  
(IEC 61082-1:2014)

This European Standard was approved by CENELEC on 2014-12-02. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre 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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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The text of document 3/1189/FDIS, future edition 3 of IEC 61082-1, prepared by IEC/TC 3 "Information structures, documentation and graphical symbols" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61082-1:2015.

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) 2015-09-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-12-02

This document supersedes EN 61082-1:2006.

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

### Endorsement notice

The text of the International Standard IEC 61082-1:2014 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 60073:2002	NOTE	Harmonized as EN 60073:2002 (not modified).
IEC 60204-1:2005	NOTE	Harmonized as EN 60204-1:2006 (modified).
IEC 60204-1:2005/A1:2008	NOTE	Harmonized as EN 60204-1:2006/A1:2009 (not modified).
IEC 60445:2010	NOTE	Harmonized as EN 60445:2010 (not modified).
ISO 128-21:1997	NOTE	Harmonized as EN ISO 128-21:1997 (not modified).
ISO 6428:1982	NOTE	Harmonized as EN ISO 6428:1999 (not modified).
ISO 7200:2004	NOTE	Harmonized as EN ISO 7200:2004 (not modified).
ISO 10209:2012	NOTE	Harmonized as EN ISO 10209:2012 (not modified).
ISO 10628 Series	NOTE	Harmonized as EN ISO 10628 Series (not modified).

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(normative)

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

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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 60027	Series	Letter symbols to be used in electrical technology	EN 60027	Series
IEC 60375	-	Conventions concerning electric and magnetic circuits	EN 60375	-
IEC 60617-DB	-	Graphical symbols for diagrams	-	-
IEC 60757	-	Code for designation of colours	HD 457 S1	-
IEC 60848	-	GRAFCET specification language for sequential function charts	EN 60848	-
IEC 61175	-	Industrial systems, installations and equipment and industrial products - Designation of signals	EN 61175	-
IEC 61286	-	Information technology - Coded graphic character set for use in the preparation of documents used in electrotechnology and for information interchange	EN 61286	-
IEC 61293	-	Marking of electrical equipment with ratings related to electrical supply - Safety requirements	EN 61293	-
IEC 61355-1	2008	Classification and designation of documents for plants, systems and equipment - Part 1: Rules and classification tables	EN 61355-1	2008
IEC 61666	-	Industrial systems, installations and equipment and industrial products - Identification of terminals within a system	EN 61666	-
IEC 62023	-	Structuring of technical information and documentation	EN 62023	-
IEC 62027	-	Preparation of object lists, including parts lists	EN 62027	-
IEC 62491	-	Industrial systems, installations and equipment and industrial products - Labelling of cables and cores	EN 62491	-

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IEC 81346-1	-	Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 1: Basic rules	EN 81346-1	-
IEC 81714-2	2006	Design of graphical symbols for use in the technical documentation of products - Part 2: Specification for graphical symbols in a computer sensible form including graphical symbols for a reference library, and requirements for their interchange	EN 81714-2	2007
IEC 82045-1	2001	Document management - Part 1: Principles and methods	EN 82045-1	2001
IEC 82045-2	-	Document management - Part 2: Metadata elements and information reference model	EN 82045-2	-
IEC 82079-1	-	Preparation of instructions for use - Structuring, content and presentation - Part 1: General principles and detailed requirements	EN 82079-1	-
ISO 128-22	-	Technical drawings - General principles of presentation - Part 22: Basic conventions and applications for leader lines and reference lines	-	-
ISO 128-30	-	Technical drawings - General principles of presentation - Part 30: Basic conventions for views	-	-
ISO 2594	-	Building drawings - Projection methods	-	-
ISO 3098-5	-	Technical product documentation - Lettering - Part 5: CAD lettering of the Latin alphabet, numerals and marks	ISO 3098-5	-
ISO 5455	-	Technical drawings - Scales	EN ISO 5455	-
ISO 5456-2	-	Technical drawings - Projection methods - Part 2: Orthographic representations	EN ISO 5456-2	-
ISO 5457	1999	Technical product documentation - Sizes and layout of drawing sheets	EN ISO 5457	1999
ISO 80000	Series	Quantities and units	EN ISO 80000	Series
ISO 81714-1	-	Design of graphical symbols for use in the technical documentation of products - Part 1: Basic rules	EN ISO 81714-1	-

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