
Industrijski sistemi, inštalacije, oprema in industrijski izdelki - Identifikacija (označevanje) priključkov v sistemu (IEC 61666:2010/A1:2021)

Industrial systems, installations and equipment and industrial products - Identification of terminals within a system (IEC 61666:2010/A1:2021)

Industrielle Systeme, Anlagen und Ausrüstungen und Industrieprodukte - Identifikation von Anschlüssen in Systemen (IEC 61666:2010/A1:2021)

Systèmes industriels, installations et appareils, et produits industriels - Identification des bornes dans le cadre d'un système (IEC 61666:2010/A1:2021)

<https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-603e76d88e09/sist-en-61666-2010-a1-2021>

Ta slovenski standard je istoveten z: EN 61666:2010/A1:2021

ICS:

01.080.40	Grafični simboli za uporabo v risbah, diagramih, načrtih v elektrotehniki in elektroniki ter v ustrezni tehnični proizvodni dokumentaciji	Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
29.020	Elektrotehnika na splošno	Electrical engineering in general

SIST EN 61666:2010/A1:2021**en,fr,de**

iTeh STANDARD PREVIEW **(standards.iteh.ai)**

[SIST EN 61666:2010/A1:2021](https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-693e76d88a09/sist-en-61666-2010-a1-2021)

<https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-693e76d88a09/sist-en-61666-2010-a1-2021>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61666:2010/A1

August 2021

ICS 01.080.30

English Version

**Industrial systems, installations and equipment and industrial
products - Identification of terminals within a system
(IEC 61666:2010/A1:2021)**

Systèmes industriels, installations et appareils, et produits
industriels - Identification des bornes dans le cadre d'un
système
(IEC 61666:2010/A1:2021)

Industrielle Systeme, Anlagen und Ausrüstungen und
Industrieprodukte - Identifikation von Anschlüssen in
Systemen
(IEC 61666:2010/A1:2021)

This amendment A1 modifies the European Standard EN 61666:2010; it was approved by CENELEC on 2021-07-21. 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.

[SIST EN 61666:2010/A1:2021](https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-62370dada09a/en-61666-2010-a1-2021)

[https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-](https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-62370dada09a/en-61666-2010-a1-2021)

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, Republic of North Macedonia, Romania, Serbia, 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: Rue de la Science 23, B-1040 Brussels

EN 61666:2010/A1:2021 (E)**European foreword**

The text of document 3/1487/FDIS, future IEC 61666/A1, prepared by IEC/TC 3 “Documentation, graphical symbols and representations of technical information” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61666:2010/A1:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-04-21 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-07-21 document have to be withdrawn

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.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 61666:2010/A1:2021 was approved by CENELEC as a European Standard without any modification.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 61666:2010/A1:2021](https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-693e76d88a09/sist-en-61666-2010-a1-2021)

<https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-693e76d88a09/sist-en-61666-2010-a1-2021>



IEC 61666

Edition 2.0 2021-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

HORIZONTAL PUBLICATION
PUBLICATION HORIZONTALE

AMENDMENT 1
AMENDEMENT 1

iTeh STANDARD PREVIEW
(standards.iteh.ai)

**Industrial systems, installations and equipment and industrial products –
Identification of terminals within a system**

SIST EN 61666:2010/A1:2021
<https://standards.iteh.ai/catalog/standards/sist/3accda52-98a8-41f5-a729-693e76d88a09/sist-en-61666-2010-a1-2021>

**Systèmes industriels, installations et appareils, et produits industriels –
Identification des bornes dans le cadre d'un système**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 01.080.30

ISBN 978-2-8322-9884-8

Warning! Make sure that you obtained this publication from an authorized distributor.
Attention! Veuillez vous assurer que vous avez obtenu cette publication via un distributeur agréé.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INDUSTRIAL SYSTEMS, INSTALLATIONS
AND EQUIPMENT AND INDUSTRIAL PRODUCTS –
IDENTIFICATION OF TERMINALS WITHIN A SYSTEM****AMENDMENT 1****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.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to IEC 61666:2010 has been prepared by IEC technical committee 3: Documentation, graphical symbols and representations of technical information.

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

FDIS	Report on voting
3/1487/FDIS	3/1514/RVD

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

The language used for the development of this Amendment is English.

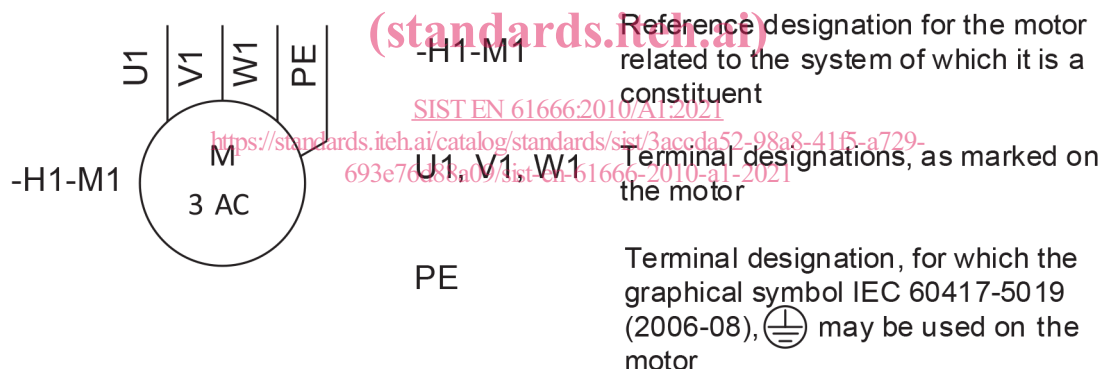
This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications/.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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

4.2 Designation of terminals with respect to the product aspect

Replace Figure 2 with the following Figure 2 where the single-level reference designation -V1 is replaced by -H1:



Example of designation of terminals: -H1-M1:U1 and -H1-M1:PE

NOTE In this example it has not been considered necessary to indicate to which aspect the terminal designation relates.

IEC

Figure 2 – Example of designation of terminals for a 3-phase squirrel-cage motor