



SLOVENSKI STANDARD

SIST EN IEC 81355-1:2025

01-junij-2025

Industrijski sistemi, inštalacije in oprema ter industrijski izdelki - Klasifikacija in označevanje informacij - 1. del: Osnovna pravila in klasifikacija informacij (IEC 81355-1:2024)

Industrial systems, installations and equipment and industrial products - Classification and designation of information - Part 1: Basic rules and classification of information(IEC 81355-1:2024)

Industrielle Systeme, Installationen, Ausrüstungen und Industrieprodukte - Klassifikation und Zuordnung von Informationsinhalten - Teil 1: Grundregeln (IEC 81355-1:2024)

Systèmes industriels, installations et matériels et produits industriels - Classification et désignation des informations - Partie 1: Règles de base et classification des informations (IEC 81355-1:2024)

[SIST EN IEC 81355-1:2025](#)

<https://standards.iteh.ai/catalog/standards/sist/8371bace-2e0c-41fb-a87e-1b0c66c363e4/sist-en-iec-81355-1-2025>

Ta slovenski standard je istoveten z: [**EN IEC 81355-1:2025**](#)

ICS:

01.080.01 Grafični simboli na splošno Graphical symbols in general

SIST EN IEC 81355-1:2025

[en,fr,de](#)

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 81355-1

January 2025

ICS 01.080.01; 01.080.30

Supersedes EN 61355-1:2008

English Version

**Industrial systems, installations and equipment and industrial products - Classification and designation of information - Part 1:
Basic rules and classification of information
(IEC 81355-1:2024)**

Systèmes industriels, installations et matériels et produits industriels - Classification et désignation des informations - Partie 1: Règles de base et classification des informations
(IEC 81355-1:2024)

Industrielle Systeme, Installationen, Ausrüstungen und Industrieprodukte - Klassifikation und Zuordnung von Informationsinhalten - Teil 1: Grundregeln
(IEC 81355-1:2024)

This European Standard was approved by CENELEC on 2025-01-10. 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, 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, Türkiye 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 IEC 81355-1:2025 (E)**European foreword**

The text of document 3/1651/FDIS, future edition 1 of IEC 81355-1, prepared by TC 3 "Documentation, graphical symbols and representations of technical information" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 81355-1:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-01-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-01-31 document have to be withdrawn

This document supersedes EN 61355-1:2008 and all of its amendments and corrigenda (if any).

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.

iTeh Standards
Endorsement notice
(<https://standards.iteh.ai>)

The text of the International Standard IEC 81355-1:2025 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 standard indicated:

<https://standards.iteh.ai/catalogs/standards/sist-en-iec-81355-1-2025>
 IEC 62023:2011 NOTE Approved as EN 62023:2012 (not modified)

IEC 82045-1:2001 NOTE Approved as EN 82045-1:2001 (not modified)

IEC 82045-2:2004 NOTE Approved as EN 82045-2:2005 (not modified)

ISO 19650-1:2018 NOTE Approved as EN ISO 19650-1:2018 (not modified)



IEC 81355-1

Edition 1.0 2024-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE



HORIZONTAL STANDARD
NORME HORIZONTALE

**Industrial systems, installations and equipment and industrial products –
Classification and designation of information –
Part 1: Basic rules and classification of information**

**Systèmes industriels, installations et matériels et produits industriels –
Classification et désignation des informations –
Partie 1: Règles de base et classification des informations**

<https://standards.iteh.ai/catalog/standards/sist/8371bace-2e0c-41fb-a87e-1b0c66c363e4/sist-en-iec-81355-1-2025>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 01.080.01; 01.080.30

ISBN 978-2-8322-9711-7

**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.**

CONTENTS

FOREWORD	4
INTRODUCTION	6
1 Scope	7
2 Normative references	7
3 Terms and definitions	7
4 General concepts	9
4.1 General.....	9
4.2 Classification principles	10
5 Designation of information containers	11
5.1 General.....	11
5.2 Designation of an information container	11
5.3 Relating information containers to objects.....	12
5.4 Structuring and designation of multiple information containers	13
5.5 Reference to a specific part of an information container.....	16
5.6 Form of presentation.....	16
5.7 Identification of documents	17
5.8 Information for identification purposes	17
6 Documentation	18
6.1 General.....	18
6.2 Moving from DCC to ICC.....	18
Annex A (informative) Information model	19
A.1 General.....	19
A.2 UML model	19
A.3 Entity descriptions	20
A.3.1 ObjectOfInterest	20
A.3.2 Information	20
A.3.3 Context.....	20
A.3.4 Data	21
A.3.5 InformationContainer	21
A.3.6 HumanPerceptionContainerAsDocument	22
A.3.7 NoHumanPerceptionContainer.....	22
A.3.8 Documentation	22
A.3.9 InformationContainerDesignation	22
A.3.10 ClassOfInformation	22
A.3.11 ClassificationScheme	23
A.4 Enumeration – IEC81355ClassificationDomain.....	23
A.5 Enumeration – IEC81355PresentationForms	24
Annex B (normative) Information kind classification codes	25
Annex C (informative) Form of presentation	33
Annex D (informative) From document kind class code (DCC) to information kind classification code (ICC)	34
D.1 General.....	34
D.2 Comparison of DCC vs. ICC	34
Bibliography.....	42