



SLOVENSKI STANDARD

SIST EN IEC 63261:2025

01-marec-2025

**Predstavitev električnih in instrumentalnih objektov v digitalnih 3D modelih
obratov med inženiringom (IEC 63261:2024)**

Representation of electrical and instrument objects in digital 3D plant models during
engineering (IEC 63261:2024)

Darstellung von elektrischen und prozessleittechnischen Komponenten in digitalen 3D
Modellen während der Projektentwicklung (IEC 63261:2024)

Représentation des objets électriques et d'instrumentation dans des modèles
d'installation numérique 3D pendant la phase d'ingénierie (IEC 63261:2024)

Ta slovenski standard je istoveten z: EN IEC 63261:2024

[SIST EN IEC 63261:2025](#)

<http://standardi.si/catalog/standards/iec/473-2-1-182-1180-17-2-6128-58-1218/> ist en iso 63261-2025

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
29.020	Elektrotehnika na splošno	Electrical engineering in general
35.240.50	Uporabniške rešitve IT v industriji	IT applications in industry

SIST EN IEC 63261:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 63261

December 2024

ICS 25.040.40

English Version

**Representation of electrical and instrument objects in digital 3D
plant models during engineering
(IEC 63261:2024)**

Représentation des objets électriques et d'instrumentation
dans des modèles d'installation numérique 3D pendant la
phase d'ingénierie
(IEC 63261:2024)

Darstellung von elektrischen und prozessleittechnischen
Komponenten in digitalen 3D Modellen während der
Projektentwicklung
(IEC 63261:2024)

This European Standard was approved by CENELEC on 2024-12-18. 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.

<https://standards.iteh.ai/catalog/standards/sist/473c2ecb-cb82-4189-b7c2-6b28c58cb21f/sist-en-iec-63261-2025>



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 63261:2024 (E)

European foreword

The text of document 65E/1083/FDIS, future edition 1 of IEC 63261, prepared by SC 65E "Devices and integration in enterprise systems" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63261:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-12-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-12-31 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 63261:2024 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:

		SIST EN IEC 63261:2025
https://standards.iteh.ai/catalog/standards/SIST/SC26D-0062-4189-b7c2-6b28c58cb21f/sist-en-iec-63261-2025	IEC 61082-1	NOTE Approved as EN 61082-1
	IEC 61355-1	NOTE Approved as EN 61355-1
	IEC 61987 series	NOTE Approved as EN IEC 61987 series
	IEC 62424	NOTE Approved as EN 62424
	IEC 62708	NOTE Approved as EN 62708
	IEC 62714 series	NOTE Approved as EN IEC 62714 series
	IEC 81346 series	NOTE Approved as EN IEC 81346 series



INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Representation of electrical and instrument objects in digital 3D plant models
during engineering**

(<https://standards.iteh.ai>)

**Représentation des objets électriques et d'instrumentation dans des modèles
d'installation numérique 3D pendant la phase d'ingénierie**

[SIST EN IEC 63261:2025](#)

<https://standards.iteh.ai/catalog/standards/sist/473c2ecb-cb82-4189-b7c2-6b28c58cb21f/sist-en-iec-63261-2025>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 25.040.40

ISBN 978-2-8322-8359-2

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	3
INTRODUCTION	5
1 Scope	6
2 Normative references	6
3 Terms, definitions and abbreviated terms	6
3.1 Terms and definitions	6
3.2 Abbreviated terms	7
4 Requirements for E&I objects	7
4.1 Properties	7
4.2 Detail of design	8
5 Content and timeline of the 3D plant model during engineering	8
5.1 Content of the 3D plant model	8
5.2 Timeline of the 3D plant model	10
6 Model output	10
7 Conformity	11
Bibliography	12

Table 1 – Content of 3D plant model	8
Table 2 – Model output drawings	10
Table 3 – Model output reports	11

Document Preview

[SIST EN IEC 63261:2025](#)

<https://standards.iteh.ai/catalog/standards/sist/473c2ecb-cb82-4189-b7c2-6b28c58cb21f/sist-en-iec-63261-2025>