

**SLOVENSKI STANDARD
SIST EN IEC 61804-3:2020****01-december-2020****Nadomešča:
SIST EN 61804-3:2016**

Naprave in združevanje v proizvodne sisteme - Funkcijski bloki (FB) za nadzor procesov in opisni jezik za elektronske naprave (EDDL) - 3. del: Sintaksa in semantika EDDL (IEC 61804-3:2020)

Devices and integration in enterprise systems - Function blocks (FB) for process control and electronic device description language (EDDL) - Part 3: EDDL syntax and semantics (IEC 61804-3:2020)

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Funktionsbausteine für die Prozessautomation und elektronische Gerätebeschreibungssprache - Teil 3: Elektronische Gerätebeschreibungssprache (EDDL) (IEC 61804-3:2020)

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Les dispositifs et leur intégration dans les systèmes de l'entreprise - Blocs fonctionnels (FB) pour les procédés industriels et le langage de description électronique de produit (EDDL) - Partie 3: Sémantique et syntaxe EDDL (IEC 61804-3:2020)

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25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.060	Jeziki, ki se uporabljajo v informacijski tehniki in tehnologiji	Languages used in information technology
35.240.50	Uporabniške rešitve IT v industriji	IT applications in industry

SIST EN IEC 61804-3:2020**en,fr,de**

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EUROPEAN STANDARD

EN IEC 61804-3

NORME EUROPÉENNE

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August 2020

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and corrigenda (if any)

English Version

**Devices and integration in enterprise systems - Function blocks
(FB) for process control and electronic device description
language (EDDL) - Part 3: EDDL syntax and semantics
(IEC 61804-3:2020)**

Les dispositifs et leur intégration dans les systèmes de
l'entreprise - Blocs fonctionnels (FB) pour les procédés
industriels et le langage de description électronique de
produit (EDDL) - Partie 3: Sémantique et syntaxe EDDL
(IEC 61804-3:2020)

Funktionsbausteine für die Prozessautomation und
elektronische Gerätebeschreibungssprache - Teil 3:
Elektronische Gerätebeschreibungssprache (EDDL)
(IEC 61804-3:2020)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61804-3:2020 (E)**European foreword**

The text of document 65E/631/CDV, future edition 4 of IEC 61804-3, 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 61804-3:2020.

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61131-3	NOTE	Harmonized as EN 61131-3
IEC 61360 (series)	NOTE	Harmonized as EN 61360 (series)
IEC 61499-1:2012	NOTE	Harmonized as EN 61499-1:2013 (not modified)
IEC 61784-1	NOTE	Harmonized as EN IEC 61784-1
IEC 61784-2	NOTE	Harmonized as EN IEC 61784-2
IEC 61987 (series)	NOTE	Harmonized as EN IEC 61987 (series)
ISO/IEC 2382 (series)	NOTE	Harmonized as EN 17054 (series)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-351	-	International Electrotechnical Vocabulary - Part 351: Control technology	-	-
IEC 61804-2	-	Function blocks (FB) for process control and electronic device description language (EDDL) - Part 2: Specification of FB concept	EN IEC 61804-2	-
IEC 61804-4	-	Devices and integration in enterprise systems - Function blocks (FB) for process control and electronic device description language (EDDL) - Part 4: EDD interpretation	EN IEC 61804-4 ¹	-
IEC 61804-5	-	Devices and intergration in enterprise systems - Function blocks (FB) for process control and electronic device description language (EDDL) - Part 5: EDDL Builtin library	EN IEC 61804-5 ²	-
IEC 62541-4	-	OPC Unified Architecture - Part 4: Services	-	-
ISO/IEC 7498-1	-	Information technology - Open Systems Interconnection - Basic reference model: The basic model	-	-
ISO/IEC 8859-1	-	Information technology - 8-bit single-byte coded graphic character sets - Part-1: Latin alphabet No. 1	-	-

¹ To be published. Stage at the time of publication: prEN IEC 61804-4:2018.

² To be published. Stage at the time of publication: prEN IEC 61804-5:2018.

EN IEC 61804-3:2020 (E)

ISO/IEC 9834-8	-	Information technology - Procedures for the operation of object identifier registration authorities - Part 8: Generation of universally unique identifiers (UUIDs) and their use in object identifiers	-	-
ISO/IEC 9899	1999	Programming languages - C	-	-
ISO/IEC 10646	-	Information technology - Universal Coded Character Set (UCS)	-	-
ISO/IEC 10918-1	-	Information technology; digital compression and coding of continuous-tone still images; requirements and guidelines	-	-
ISO/IEC 15948	-	Information technology - Computer graphics and image processing - Portable Network Graphics (PNG) - Functional specification	-	-
ISO 639	series	Code for the representation of names of languages	-	-
ISO 3166-1	-	Codes for the representation of names of countries and their subdivisions - Part 1: Country codes	EN ISO 3166-1	-
ISO/TS 29002-5	-	Industrial automation systems and integration - Exchange of characteristic data - Part 5: Identification scheme	-	-
IEEE 754	-	IEEE Standard for Floating-Point Arithmetic	-	-
RFC 3629	-	UTF-8, User Datagram Protocol	-	-
W3C Recommendation	-	Cascading Style Sheets Level 2 Specification	-	-



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NORME INTERNATIONALE



**Devices and integration in enterprise systems – Function blocks (FB) for
process control and electronic device description language (EDDL) –
Part 3: EDDL syntax and semantics**

**Les dispositifs et leur intégration dans les systèmes de l'entreprise – Blocs
fonctionnels (FB) pour les procédés industriels et le langage de description
électronique de produit (EDDL) –
Partie 3: Sémantique et syntaxe EDDL**

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