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Funkcijski bloki (FB) za nadzor procesov in opisni jezik za elektronske naprave (EDDL) - 4. del: Interpretacija EDD (IEC 61804-4:2015)

Function blocks (FB) for process control and Electronic Device Description Language (EDDL) - Part 4: EDD interpretation (IEC 61804-4:2015)

Funktionsbausteine für die Prozessautomation und elektronische Gerätebeschreibungssprache - Teil 4: Interpretation von Gerätebeschreibungen (IEC 61804-4:2015)

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Blocs fonctionnels (FB) pour les procédés industriels et le langage de description électronique de produit (EDDL) - Partie 4: Interprétation EDD (IEC 61804-4:2015)

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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

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European foreword

The text of document 65E/465/FDIS, future edition 1 of IEC 61804-4, 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 61804-4:2016.

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)	2016-08-11
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2018-11-11

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Annex ZA
(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.

Publication	Year	Title	EN/HD	Year
IEC 61784-1	-	Industrial communication networks - Profiles -- Part 1: Fieldbus profiles	EN 61784-1	-
IEC 61784-2	-	Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3	EN 61784-2	-
IEC 61804-2	-	Function Blocks (FB) for process control -- Part 2: Specification of FB concept	EN 61804-2	-
IEC 61804-3	-	Function blocks (FB) for process control and EDDL - Part 3: EDDL specification and communication profiles	EN 61804-3	-
IEC 61804-5	-	Function blocks (FB) for process control and EDDL - Part 5: EDDL Builtin library	EN 61804-5	-
ISO/IEC 10918	series	Information technology_- Digital compression and coding of continuous-tone still images: JPEG File Interchange Format (JFIF)	-	series
ISO/IEC 15948	-	Information technology - Computer graphics and image processing - Portable Network Graphics (PNG) - Functional specification	-	-

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Blocs fonctionnels (FB) pour les procédés industriels et le langage de description électronique de produit (EDDL) – Partie 4: Interprétation EDD

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FUNCTION BLOCKS (FB) FOR PROCESS CONTROL AND ELECTRONIC DEVICE DESCRIPTION LANGUAGE (EDDL) –

Part 4: EDD interpretation

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This edition includes the following significant technical changes with respect to the previous edition:

- New paragraph:
  - EDDL data description
  - EDDL METHOD programming and usage of builtins
  - Edit session
  - Offline and online configuration

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  – EDDL communication description

- Enhancements in paragraph EDDL user interface descriptions

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

FDIS	Report on voting
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Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61804 series, published under the general title *Function blocks (FB) for process control and electronic device description language (EDDL)*, can be found on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

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