

<b>STN</b>	<b>Funkčné bloky (FB) na riadenie procesov a jazyk na popis elektronických zariadení (EDDL). Časť 5: Knížnica preddefinovaných štandardných podprogramov jazyka EDDL.</b>	<b>STN EN 61804-5</b>  01 3756
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Function blocks (FB) for process control and electronic device description language (EDDL) - Part 5: EDDL Built-in library

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/16

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ICS 25.040.40; 35.240.50

English Version

**Function blocks (FB) for process control and electronic device  
description language (EDDL) - Part 5: EDDL Builtin library  
(IEC 61804-5:2015)**

Blocs fonctionnels (FB) pour les procédés industriels et le  
langage de description électronique de produit (EDDL) -  
Partie 5: Bibliothèque de Builtin EDDL  
(IEC 61804-5:2015)

Funktionsbausteine für die Prozessautomation und  
elektronische Gerätebeschreibungssprache - Teil 5:  
Bibliothek vorgefertigter Unterprogramme  
(IEC 61804-5:2015)

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## **European foreword**

The text of document 65E/450/FDIS, future edition 1 of IEC 61804-5, 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 61804-5:2015.

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) 2016-04-14
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## Annex ZA (normative)

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NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61804-3	2015	Function blocks (FB) for process control and EDDL - Part 3: EDDL specification and communication profiles	-	-
IEEE 754	-	IEEE Standard for Binary Floating-Point Arithmetic	-	-



# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Function blocks (FB) for process control and electronic device description  
language (EDDL) –  
Part 5: EDDL Built-in library**

**Blocs fonctionnels (FB) pour les procédés industriels et le langage de  
description électronique de produit (EDDL) –  
Partie 5: Bibliothèque de Built-in EDDL**





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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FUNCTION BLOCKS (FB) FOR PROCESS CONTROL AND  
ELECTRONIC DEVICE DESCRIPTION LANGUAGE (EDDL) –****Part 5: EDDL Builtin library**

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International Standard IEC 61804-5 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation.

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

FDIS	Report on voting
65E/450/FDIS	65E/461/RVD

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.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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

## INTRODUCTION

This part of IEC 61804 is an extension to IEC 61804-3. In earlier editions of IEC 61804-3 the EDDL Builtin library was part of the Electronic Device Description Language (EDDL) document IEC 61804-3. Because of editorial problems, the EDDL Builtin library is now moved to this separate part of IEC 61804.

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

## Part 5: EDDL Builtin library

### 1 Scope

This part of IEC 61804 specifies the EDDL Builtin library and provides the profiles of the various fieldbuses.

### 2 Normative references

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.

IEC 61804-3:2015, *Function blocks (FB) for process control and Electronic Device Description Language (EDDL) – Part 3: EDDL syntax and semantics*

IEEE 754, *Standard for Binary Floating-Point Arithmetic for microprocessor systems*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**