SLOVENSKI STANDARD
SIST EN 61784-5-2:2008

01-september-2008

Industrijska komunikacijska omrežja - Profili - 5-2. del: Inštalacija procesnih vodil - Inštalacijski profili za CPF 2 (IEC 61784-5-2:2007)

Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

Industrielle Kommunikationsnetze - Profile - Teil 5-2: Feldbusinstallation - Installationsprofile für die Kommunikationsprofilfamilie 2

Réseaux de communication industriels - Profils - Partie 5-2: Installation des bus de terrain - Profils d'installation pour CPF 2

Ta slovenski standard je istoveten z: **EN 61784-5-2:2008**

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.100.05	Več slojne uporabniške rešitve	Multilayer applications

SIST EN 61784-5-2:2008 **en,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61784-5-2

June 2008

ICS 35.100.05; 25.040.40

English version

Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2
(IEC 61784-5-2:2007)

Réseaux de communication industriels - Profils - Partie 5-2: Installation des bus de terrain - Profils d'installation pour CPF 2
(CEI 61784-5-2:2007)

Industrielle Kommunikationsnetze - Profile - Teil 5-2: Feldbusinstallation - Installationsprofile für die Kommunikationsprofilfamilie 2
(IEC 61784-5-2:2007)

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CENELEC
European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 65C/471/FDIS, future edition 1 of IEC 61784-5-2, prepared by SC 65C, Industrial networks, of IEC TC 65, Industrial-process measurement, control and automation, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61784-5-2 on 2008-05-01.

This standard is to be used in conjunction with EN 61918:2008.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2009-02-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2011-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61784-5-2:2007 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61158 NOTE Harmonized in EN 61158 series (not modified).

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60096-2	- [1)]	Radio-frequency cables - Part 2: Relevant cable specifications	-	-
IEC 60603-7-2	- [1)]	Connectors for electronic equipment - Part 7-2: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 100 MHz	EN 60603-7-2	200X [2)]
IEC/PAS 60603-7-3	- [1)]	Connectors for electronic equipment - Part 7-3: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 100 MHz	-	-
IEC 60947-5-2	- [1)]	Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches	EN 60947-5-2	2007 [3)]
IEC 61156-2	- [1)]	Multicore and symmetrical pair/quad cables for digital communications - Part 5: Symmetrical pair/quad cables with transmission characteristics up to 600 MHz - Horizontal floor wiring - Sectional specification	-	-
IEC 61918 (mod)	2007	Industrial communication networks - Installation of communication networks in industrial premises	EN 61918	2008 [3)]
ISO 11898-1	- [1)]	Road vehicles - Controller area network (CAN) - Part 1: Data link layer and physical signalling	-	-
ISO 11898-2	- [1)]	Road vehicles - Controller area network (CAN) - Part 2: High-speed medium access unit	-	-
ANSI B93.55M	1981	Hydraulic Fluid Power Solenoid-piloted Industrial Valves - Interface Dimensions for Electrical Connectors	-	-

[1)] Undated reference.

[2)] To be ratified.

[3)] Valid edition at date of issue.

Publication	Year	Title	EN/HD	Year
ANSI/TIA/EIA 568-B.1	- [1)]	Commercial Building Telecommunications Cabling Standard - Part 1: General requirements	-	-
IEEE 802.3	- [1)]	IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications	-	-

IEC 61784-5-2

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INTERNATIONAL STANDARD

Industrial communication networks – Profiles – Part 5-2: Installation of fieldbuses – Installation profiles for CPF 2

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INDUSTRIAL COMMUNICATION NETWORKS – PROFILES

Part 5-2: Installation of fieldbuses – Installation profiles for CPF 2

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61784-5-2 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial process measurement, control and automation.

This standard is to be used in conjunction with IEC 61918:2007.

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

FDIS	Report on voting
65C/471/FDIS	65C/482/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 of the IEC 61784-5 series, under the general title *Industrial communication networks – Profiles – Installation of fieldbuses*, can be found on the IEC website.