SLOVENSKI STANDARD
oSIST prEN IEC 61784-3-X:2020

01-maj-2020

Industrijska komunikacijska omrežja - Profili - 3-X. del: Funkcijska varnost procesnih vodil - Dodatne specifikacije za CPF X

Industrial communication networks - Profiles - Part 3-X: Functional safety fieldbuses - Additional specifications for CPF X

Réseaux de communication industriels - Profils - Partie 3-2: Bus de terrain de sécurité fonctionnelle - Spécifications supplémentaires pour CPF X

Ta slovenski standard je istoveten z: prEN IEC 61784-3-X:2020

ICS:

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65C/996/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: **IEC 61784-3-X ED4**	
DATE OF CIRCULATION: **2020-03-06**	CLOSING DATE FOR VOTING: **2020-05-29**
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IEC SC 65C : INDUSTRIAL NETWORKS

SECRETARIAT: France	SECRETARY: Ms Valérie DEMASSIEUX
OF INTEREST TO THE FOLLOWING COMMITTEES: SC 22G,TC 44,TC 57,SC 65A,TC 66	PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.

FUNCTIONS CONCERNED:

☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☐ SAFETY

☒ SUBMITTED FOR CENELEC PARALLEL VOTING	☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

Attention IEC-CENELEC parallel voting

The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting.

The CENELEC members are invited to vote through the CENELEC online voting system.

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Industrial communication networks - Profiles - Part 3-X: Functional safety fieldbuses - Additional specifications for CPF X

PROPOSED STABILITY DATE: 2024

NOTE FROM TC/SC OFFICERS:

NC comments will be addressed during the SC65C/WG12 meeting scheduled on June 15th-19th, 2020 in the USA. Corresponding meeting notice will be provided in due time by the convenor.

Overview of the IEC 61784-3-x delivery

This project (IEC 61784-x, where x=2, 3, 8, 13 or 18) corresponds to a subseries of parts, which have to be voted together.

The corresponding delivery therefore include several files:

- A cover page to be put in front of the circulated file;
- Individual draft originals for the individual parts.

The individual parts should be assembled together after the cover page, in the order indicated in this cover page. In order to avoid side effects of Word, all files should be first individually converted to pdf, and then assembled in the pdf format.

The page numbers of each subpart are prefixed with the Type number of the subpart to facilitate identification, and so that the numbering of each subpart can be independent of those that precede it.

The Contents of each subpart begins on page xxx2, so that the page numbering will be unchanged when the final International Standard is issued with its IEC-Central-Office-provided cover sheet.

All relevant files for this delivery (including important editing notes) are included in the zip file provided in the “Additional file(s):” field.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INDUSTRIAL COMMUNICATION NETWORKS – PROFILES –

Part 3-2: Functional safety fieldbuses – Additional specifications for CPF 2

FOREWORD

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International Standard IEC 61784-3-2 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation.

This fourth edition cancels and replaces the third edition published in 2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- addition of two new Safety Supervisor object states in 6.6.5.5;
- addition of Net LED behaviour requirement for the proposing TUNID process in 6.6.8, 9.1.2 and 9.1.5;
- addition of application path support for process variables in 6.3.9 and 6.3.10;
- addition of multi-port device support in 6.6.4, 6.6.5, 6.6.7 and miscellaneous places;