SLOVENSKI STANDARD
SIST EN IEC 61158-3-25:2019

01-november-2019

Industrijska komunikacijska omrežja - Specifikacije za procesna vodila - 3-25 del: Definicija opravil na ravni podatkovne povezave - Elementi tipa 25 (IEC 61158-3-25:2019)

Industrial communication networks - Fieldbus specifications - Part 3-25: Data-link layer service definition - Type 25 elements (IEC 61158-3-25:2019)

Industrielle Kommunikationsnetze - Feldbusse - Teil 3-25: Dienstfestlegungen des Data Link Layer (Sicherungsschicht) - Typ 25-Elemente (IEC 61158-3-25:2019)

Réseaux de communication industriels - Spécifications des bus de terrain - Partie 3-25: Définition des services de couche liaison de données - Eléments de Type 25 (IEC 61158-3-25:2019)

Ta slovenski standard je istoveten z: **EN IEC 61158-3-25:2019**

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.100.20	Podatkovni povezovalni sloj	Data link layer
35.110	Omreževanje	Networking

SIST EN IEC 61158-3-25:2019 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61158-3-25

June 2019

ICS 25.040.40; 35.100.20; 35.110

English Version

Industrial communication networks - Fieldbus specifications - Part 3-25: Data-link layer service definition - Type 25 elements (IEC 61158-3-25:2019)

Réseaux de communication industriels - Spécifications des bus de terrain - Partie 3-25: Définition des services de couche liaison de données - Eléments de Type 25 (IEC 61158-3-25:2019)

Industrielle Kommunikationsnetze - Feldbusse - Teil 3-25: Dienstfestlegungen des Data Link Layer (Sicherungsschicht) - Typ 25-Elemente (IEC 61158-3-25:2019)

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

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

Ref. No. EN IEC 61158-3-25:2019 E

European foreword

The text of document 65C/945/FDIS, future edition 1 of IEC 61158-3-25, 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 approved by CENELEC as EN IEC 61158-3-25:2019.

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) 2020-02-15
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-05-15

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The text of the International Standard IEC 61158-3-25:2019 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 61158-1:2019 NOTE Harmonized as EN IEC 61158-1:2019

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.

Publication	Year	Title	EN/HD	Year
ISO/IEC 7498-1	-	Information technology - Open Systems-Interconnection - Basic reference model: The basic model		-
ISO/IEC 7498-3	-	Information technology - Open Systems-Interconnection - Basic Reference Model: Naming and addressing		-
ISO/IEC 10731	-	Information technology - Open Systems-Interconnection - Basic Reference Model - Conventions for the definition of OSI services		-
IEEE Std 802.1Q	-	IEEE Standard for Local and Metropolitan-Area Networks - Bridges and Bridged Networks		-
ISO/IEC/IEEE 8802-3	--	Information technology –- Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 3: Standard for Ethernet		-

IEC 61158-3-25

Edition 1.0 2019-04

INTERNATIONAL STANDARD

Industrial communication networks – Fieldbus specifications – Part 3-25: Data-link layer service definition – Type 25 elements

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ICS 25.040.40; 35.100.20; 35.110

ISBN 978-2-8322-6791-2

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INDUSTRIAL COMMUNICATION NETWORKS –
FIELDBUS SPECIFICATIONS –

Part 3-25: Data-link layer service definition –
Type 25 elements

FOREWORD

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International Standard IEC 61158-3-25 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
65C/945/FDIS	65C/954/RVD

Full information on the voting for the approval of this International 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 61158 series, published under the general title *Industrial communication networks – Fieldbus specifications,* can be found on the IEC website.

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.

A bilingual version of this publication may be issued at a later date.