



BSI Standards Publication

Industrial communication networks - Fieldbus specifications

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

National foreword

This British Standard is the UK implementation of EN IEC 61158-3-25:2019. It is identical to IEC 61158-3-25:2019.

The UK participation in its preparation was entrusted to Technical Committee GEL/65, Measurement and control.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Amendments/corrigenda issued since publication

Date	Text affected
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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
(Sicherheitsschicht) - 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

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-05-15

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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		-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**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.