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BS EN 61158-4-3:2014



BSI Standards Publication

Industrial communication networks — Fieldbus specifications

Part 4-3: Data-link layer protocol specification — Type 3 elements

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This British Standard is the UK implementation of EN 61158-4-3:2014. It is identical to IEC 61158-4-3:2014. It supersedes BS EN 61158-4-3:2012 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee AMT/7, Industrial communications: process measurement and control, including fieldbus.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Industrial communication networks - Fieldbus specifications -
Part 4-3: Data-link layer protocol specification - Type 3 elements
(IEC 61158-4-3:2014)

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bus de terrain - Partie 4-3: Spécification du protocole de la
couche liaison de données - Éléments de type 3
(CEI 61158-4-3:2014)

Industrielle Kommunikationsnetze - Feldbusse - Teil 4-3:
Protokollspezifikation des Data Link Layer
(Sicherheitsschicht) - Typ 3-Elemente
(IEC 61158-4-3:2014)

This European Standard was approved by CENELEC on 2014-09-19. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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

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Foreword

The text of document 65C/762/FDIS, future edition 3 of IEC 61158-4-3, 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 61158-4-3:2014.

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) 2015-06-19
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-09-19

This document supersedes EN 61158-4-3:2012

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Endorsement notice

The text of the International Standard IEC 61158-4-3:2014 was approved by CENELEC as a European Standard without any modification.

In the official version, for bibliography, the following notes have to be added for the standards indicated:

IEC 60870-5-1	NOTE	Harmonised as EN 60870-5-1
IEC 61158-1	NOTE	Harmonised as EN 61158-1
IEC 61158-5-3	NOTE	Harmonised as EN 61158-5-3
IEC 61158-6-3	NOTE	Harmonised as EN 61158-6-3
IEC 61784-1	NOTE	Harmonised as EN 61784-1
IEC 61784-2	NOTE	Harmonised as EN 61784-2

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(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 When 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>
IEC 61131-3	-	Programmable controllers Part 3: Programming languages	EN 61131-3	-
IEC 61158-2	2014	Industrial communication networks - Fieldbus specifications Part 2: Physical layer specification and service definition	EN 61158-2	2014
IEC 61158-3-3	-	Industrial communication networks - Fieldbus specifications Part 3-3: Data-link layer service definition - Type 3 elements	EN 61158-3-3	-
ISO/IEC 2022	-	Information technology - Character code structure and extension techniques	-	-
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	-	-
ISO 1177	-	Information processing - Character structure for start/stop and synchronous character-oriented transmission	-	-

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