SLOVENSKI STANDARD
SIST EN 61158-4-19:2015

01-marec-2015

Nadomešča:

SIST EN 61158-4-19:2012

Industrijska komunikacijska omrežja - Specifikacije za procesna vodila - 4-19. del: Specifikacija protokola na ravni podatkovnih povezav - Elementi tipa 19 (IEC 61158 -4-19:2014)

Industrial communication networks - Fieldbus specifications - Part 4-19: Data-link layer protocol specification - Type 19 elements (IEC 61158-4-19:2014)

Industrielle Kommunikationsnetze - Feldbusse - Teil 4-19: Protokollspezifikation des Data Link Layer (Sicherungsschicht) - Typ 19-Elemente (IEC 61158-4-19:2014)

Réseaux de communication industriels - Spécifications des bus de terrain - Partie 4-19: Spécification du protocole de la couche liaison de données - Eléments de type 19 (CIE 61158-4-19:2014)

Ta slovenski standard je istoveten z: EN 61158-4-19:2014

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 61158-4-19:2015 en,fr,de

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61158-4-19

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ICS 25.040.40; 35.100.20; 35.110

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English Version

Industrial communication networks - Fieldbus specifications - Part 4-19: Data-link layer protocol specification - Type 19 elements (IEC 61158-4-19:2014)

Réseaux de communication industriels - Spécifications des bus de terrain - Partie 4-19: Spécification du protocole de la couche liaison de données - Eléments de type 19 (CEI 61158-4-19:2014)

Industrielle Kommunikationsnetze - Feldbusse - Teil 4-19: Protokollspezifikation des Data Link Layer (Sicherungsschicht) - Typ 19-Elemente (IEC 61158-4-19:2014)

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.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

The text of document 65C/762/FDIS, future edition 3 of IEC 61158-4-19, 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 61158-4-19:2014.

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 61158-4-19:2012.

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Endorsement notice

The text of the International Standard IEC 61158-4-19:2014 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 61131 Series	NOTE	Harmonised as EN 61131 Series
IEC 61158-1:2014	NOTE	Harmonised as EN 61158-1:2014
IEC 61158-3-19:2014	NOTE	Harmonised as EN 61158-3-19:2014
IEC 61158-5-16:2007	NOTE	Harmonised as EN 61158-5-16:2007
IEC 61158-5-19:2014	NOTE	Harmonised as EN 61158-5-19:2014
IEC 61158-6-16:2007	NOTE	Harmonised as EN 61158-6-16:2007
IEC 61158-6-19:2014	NOTE	Harmonised as EN 61158-6-19:2014
IEC 61784-1	NOTE	Harmonised as EN 61784-1
IEC 61784-2	NOTE	Harmonised as EN 61784-2
IEC 61800-7 Series	NOTE	Harmonised as EN 61800-7 Series
IEC 61800-7-201	NOTE	Harmonised as EN 61800-7-201
IEC 61800-7-202	NOTE	Harmonised as EN 61800-7-202
IEC 61800-7-203	NOTE	Harmonised as EN 61800-7-203
IEC 61800-7-204	NOTE	Harmonised as EN 61800-7-204

Annex ZA
(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.

Publication	Year	Title	EN/HD	Year
IEC 61158-4-16	2007	Industrial communication networks - Fieldbus specifications Part 4-16: Data-link layer protocol specification - Type 16 elements	EN 61158-4-16	2008
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 8601	-	Data elements and interchange formats - Information interchange - Representation of dates and times	-	-
ISO/IEC 8802-3	-	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	-	-
IEEE 802.3	-	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	-	-
IETF RFC 879	-	The TCP Maximum Segment Size and Related Topics	-	-

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colour inside

Industrial communication networks – Fieldbus specifications – Part 4-19: Data-link layer protocol specification – Type 19 elements

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