

**SLOVENSKI STANDARD**  
**SIST EN IEC 61158-6-3:2019****01-november-2019****Nadomešča:****SIST EN 61158-6-3:2015**

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**Industrijska komunikacijska omrežja - Specifikacije za procesna vodila - 6-3. del:  
Specifikacija protokola na aplikacijski ravni - Elementi tipa 3 (IEC 61158-6-3:2019)**Industrial communication networks - Fieldbus specifications - Part 6-3: Application layer  
protocol specification - Type 3 elements (IEC 61158-6-3:2019)Industrielle Kommunikationsnetze - Feldbusse - Teil 6-3: Protokollspezifikation des  
Application Layer (Anwendungsschicht) - Typ 3-Elemente (IEC 61158-6-3:2019)Réseaux de communication industriels - Spécifications des bus de terrain - Partie 6-3:  
Spécification du protocole de la couche application - Elements de type 3 (IEC 61158-6-  
3:2019)**Ta slovenski standard je istoveten z: EN IEC 61158-6-3:2019****ICS:**

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35.100.70	Uporabniški sloj	Application layer
35.110	Omreževanje	Networking

**SIST EN IEC 61158-6-3:2019****en,fr,de**

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EUROPEAN STANDARD

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Supersedes EN 61158-6-3:2014 and all of its  
amendments and corrigenda (if any)

English Version

Industrial communication networks - Fieldbus specifications -  
Part 6-3: Application layer protocol specification - Type 3  
elements  
(IEC 61158-6-3:2019)

Réseaux de communication industriels - Spécifications des  
bus de terrain - Partie 6-3: Spécification du protocole de la  
couche application - Éléments de type 3  
(IEC 61158-6-3:2019)

Industrielle Kommunikationsnetze - Feldbusse - Teil 6-3:  
Protokollspezifikation des Application Layer  
(Anwendungsschicht) - Typ 3-Elemente  
(IEC 61158-6-3:2019)

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Europäisches Komitee für Elektrotechnische Normung

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

**EN IEC 61158-6-3:2019 (E)****European foreword**

The text of document 65C/948/FDIS, future edition 4 of IEC 61158-6-3, 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 IEC 61158-6-3:2019.

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) 2020-04-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-07-25

This document supersedes EN 61158-6-3:2014 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 61158-6-3:2019 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 61158-1:2019 NOTE Harmonized as EN IEC 61158-1:2019 (not modified)
- IEC 61784-1 NOTE Harmonized as EN IEC 61784-1
- IEC 61784-2 NOTE Harmonized as EN IEC 61784-2

## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61158-3-3	2014	Industrial communication networks Fieldbus specifications - Part 3-3: Data-link layer service definition - Type 3 elements	-EN 61158-3-3	2014
IEC 61158-4-3	2019	Industrial communication networks Fieldbus specifications - Part 4-3: Data-link layer protocol specification - Type 3 elements	-EN IEC 61158-4-3	2019
IEC 61158-5-3	2014	Industrial communication networks Fieldbus specifications - Part 5-3: Application layer service definition - Type 3 elements	-EN 61158-5-3	2014
IEC 61158-5-10	2019	Industrial communication networks Fieldbus specifications - Part 5-10: Application layer service definition - Type 10 elements	-EN IEC 61158-5-10	2019
IEC 61158-6-10	2019	Industrial communication networks -- Fieldbus specifications - Part 6-10: Application layer protocol specification - Type 10 elements	--	-
ISO/IEC 7498-1	-	Information technology - Open Systems- Interconnection - Basic reference model: The basic model	-	-
ISO/IEC 8822	-	Information technology - Open Systems- Interconnection - Presentation service definition	-	-
ISO/IEC 8824-1	-	Information technology - Abstract Syntax- Notation One (ASN.1): Specification of basic notation	-	-
ISO/IEC 9545	-	Information technology - Open Systems- Interconnection - Application layer structure	-	-
ISO/IEC 10731	-	Information technology - Open Systems- Interconnection - Basic Reference Model - Conventions for the definition of OSI services	-	-
IEEE 754	-	IEEE Standard for Binary Floating-Point- Arithmetic	-	-

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# INTERNATIONAL STANDARD

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**Industrial communication networks – Fieldbus specifications –  
Part 6-3: Application layer protocol specification – Type 3 elements**

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