SLOVENSKI STANDARD
SIST EN IEC 61158-6-23:2023

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SIST EN IEC 61158-6-23:2019

Industrijska komunikacijska omrežja - Specifikacije za procesna vodila - 6-23. del: Specifikacija protokola na aplikacijski ravni - Elementi tipa 23 (IEC 61158-6-23:2023)

Industrial communication networks - Fieldbus specifications - Part 6-23: Application layer protocol specification - Type 23 elements (IEC 61158-6-23:2023)

Industrielle Kommunikationsnetze - Feldbusse - Teil 6-23: Protokollspezifikation des Application Layer (Anwendungsschicht) - Typ 23-Elemente (IEC 61158-6-23:2023)

Réseaux de communication industriels - Spécifications des bus de terrain - Partie 6-23: Spécification du protocole de la couche liaison de données - Eléments de type 23 (IEC 61158-6-23:2023)

Ta slovenski standard je istoveten z: **EN IEC 61158-6-23:2023**

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.100.70	Uporabniški sloj	Application layer
35.110	Omreževanje	Networking

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NORME EUROPÉENNE

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English Version

Industrial communication networks - Fieldbus specifications - Part 6-23: Application layer protocol specification - Type 23 elements (IEC 61158-6-23:2023)

Réseaux de communication industriels - Spécifications des bus de terrain - Partie 6-23: Spécification du protocole de la couche liaison de données - Eléments de type 23 (IEC 61158-6-23:2023)

Industrielle Kommunikationsnetze - Feldbusse - Teil 6-23: Protokollspezifikation des Application Layer (Anwendungsschicht) - Typ 23-Elemente (IEC 61158-6-23:2023)

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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

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

European foreword

The text of document 65C/1204/FDIS, future edition 3 of IEC 61158-6-23, 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 61158-6-23:2023.

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) 2024-01-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-04-28

This document supersedes EN IEC 61158-6-23:2019 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 61158-6-23:2023 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 standard indicated:

IEC 61158-6 (series)	NOTE	Approved as EN 61158-6 (series)
IEC 61784-1 (series)	NOTE	Approved as EN IEC 61784-1 (series)
IEC 61784-2 (series)	NOTE	Approved as EN IEC 61784-2 (series)

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.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 61158-1	2023	Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series	-	-
IEC 61158-5-23	2023	Industrial communication networks - Fieldbus specifications - Part 5-23: Application layer service definition - Type 23 elements	EN IEC 61158-5-23	2023
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) - Part 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 802.1AS	-	IEEE Standard for Information technology - Telecommunications and information exchange between systems - IEEE standard for Local and metropolitan area networks - Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks	-	-
IEEE Std 1588	-	Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems	-	-
IETF RFC 768	1980	User Datagram Protocol	-	-
IETF RFC 791	1981	Internet Protocol	-	-

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