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**Industrijska omrežja - Profili - 2-0. del: Dodatni profili procesnih vodil v realnem času po ISO/IEC 8802-3 - Splošni koncept in terminologija (IEC 61784-2-0:2023)**

Industrial networks - Profiles - Part 2-0: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - General concepts and terminology (IEC 61784-2-0:2023)

Industrielle Kommunikationsnetze - Profile - Teil 2-0: Zusätzliche Feldbusprofile für Echtzeitnetzwerke basierend auf ISO/IEC/IEEE 8802-3 - Allgemeine Konzepte und Terminologie (IEC 61784-2-0:2023)

Réseaux industriels Profils Partie 2-0: Profils de bus de terrain supplémentaires pour les réseaux en temps réel fondés sur ISO/IEC/IEEE 8802-3 Concepts généraux et terminologie (IEC 61784-2-0:2023)

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**ICS:**

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.100.05	Večslojne uporabniške rešitve	Multilayer applications

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English Version

**Industrial networks - Profiles - Part 2-0: Additional real-time  
fieldbus profiles based on ISO/IEC/IEEE 8802-3 - General  
concepts and terminology  
(IEC 61784-2-0:2023)**

Réseaux industriels - Profils - Partie 2-0: Profils de bus de terrain supplémentaires pour les réseaux en temps réel fondés sur l'ISO/IEC/IEEE 8802-3 - Concepts généraux et terminologie  
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(IEC 61784-2-0:2023)

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

**EN IEC 61784-2-0:2023 (E)****European foreword**

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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) 2024-01-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-04-26

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IEC 61158-1:2023	NOTE Approved as EN IEC 61158-1:2023 (not modified)
IEC 61158-2	NOTE Approved as EN IEC 61158-2
IEC 61158-3 (series)	NOTE Approved as EN 61158-3 (series)
IEC 61158-4 (series)	NOTE Approved as EN 61158-4 (series)
IEC 61158-5 (series)	NOTE Approved as EN 61158-5 (series)
IEC 61158-6 (series)	NOTE Approved as EN 61158-6 (series)
IEC 61784-1-0	NOTE Approved as EN IEC 61784-1-0
IEC 61918:2018	NOTE Approved as EN IEC 61918:2018 (not modified)
IEC 61918:2018/AMD1:2022	NOTE Approved as EN IEC 61918:2018/A1:2022 (not modified)

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61158	series	Industrial communication networks - Fieldbus specifications	EN IEC 61158	series
IEC 61784-1	series	Industrial communication networks - Profiles Part 1: Fieldbus profiles	EN IEC 61784-1	series
IEC 61784-2	series	Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC/IEEE 8802-3	EN IEC 61784-2	series
ISO/IEC/IEEE 8802-3 -	-	Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 3: Standard for Ethernet	-	-
IEEE Std 802	2014	IEEE Standard for Local and metropolitan area networks: Overview and Architecture	-	-
IEEE Std 802.1AB	2016	IEEE Standard for Local and metropolitan area networks: Station and Media Access Control Connectivity Discovery	-	-
IEEE Std 802.1AS	2020	IEEE standard for Local and metropolitan area networks - Timing and Synchronization for Time-Sensitive Applications	-	-
IEEE Std 802.1Q	2018	IEEE Standard for Local and metropolitan area networks - Media Access Control (MAC) Bridges and Bridged Networks	-	-





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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Industrial networks – Profiles –**

**Part 2-0: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 –  
General concepts and terminology**

**Réseaux industriels – Profils –**

**Partie 2-0: Profils de bus de terrain supplémentaires pour les réseaux en temps  
réel fondés sur l'ISO/IEC/IEEE 8802-3 – Concepts généraux et terminologie**

[SIST EN IEC 61784-2-0:2023](https://standards.iteh.ai)

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**INDUSTRIAL NETWORKS –  
PROFILES –****Part 2-0: Additional real-time fieldbus profiles  
based on ISO/IEC/IEEE 8802-3 –  
General concepts and terminology**

## FOREWORD

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NOTE Combinations of protocol types are specified in the IEC 61784-1 series and the IEC 61784-2 series.

IEC 61784-2-0 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation. It is an International Standard.

This first edition, together with the other parts of the same series, cancels and replaces the fourth edition of IEC 61784-2 published in 2019. This first edition constitutes a technical revision.