BS EN IEC 61784-1-0:2023

BSI Standards Publication

Industrial networks — Profiles

Part 1-0: Fieldbus profiles — General concepts and terminology

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National foreword

This British Standard is the UK implementation of EN IEC 61784-1-0:2023. It is identical to IEC 61784-1-0:2023. It partially supersedes BS EN IEC 61784-1:2019.

The UK participation in its preparation was entrusted to Technical Committee GEL/65, Measurement and control.

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

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Amendments/corrigenda issued since publication

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NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61784-1-0

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English Version

Industrial networks - Profiles - Part 1-0: Fieldbus profiles - General concepts and terminology (IEC 61784-1-0:2023)

Réseaux industriels - Profils - Partie 1-0: Profils de bus de terrain - Concepts généraux et terminologie (IEC 61784-1-0:2023)

Industrielle Kommunikationsnetze - Profile - Teil 1-0: Feldbusprofile - Allgemeine Konzepte und Terminologie (IEC 61784-1-0:2023)

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European foreword

The text of document 65C/1207/FDIS, future edition 1 of IEC 61784-1-0, 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 61784-1-0:2023.

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• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2026-04-28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, together with other parts of the same series, partially supersedes EN IEC 61784-1:2019 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 61784-1-0:2023 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 61158-1	NOTE Approved as EN IEC 61158-1
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 61784-2 (series)	NOTE Approved as EN IEC 61784-2 (series)

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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	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 61784-1-1	2023	Industrial networks - Profiles - Part 1-1: Fieldbus profiles - Communication Profile Family 1	EN IEC 61784-1-1	2023
IEC 61784-1-2	2023	Industrial networks - Profiles - Part 1-2: Fieldbus profiles - Communication Profile Family 2	EN IEC 61784-1-2	2023
IEC 61784-1-3	2023	Industrial networks - Profiles - Part 1-3: Fieldbus profiles - Communication Profile Family 3	EN IEC 61784-1-3	2023
IEC 61784-1-4	2023	Industrial networks - Profiles - Part 1-4: Fieldbus profiles - Communication Profile Family 4	EN IEC 67184-1-4	2023
IEC 61784-1-5	2023	Industrial networks - Profiles - Part 1-5: Fieldbus profiles - Communication Profile Family 5	EN IEC 61784-1-5	2023
IEC 61784-1-6	2023	Industrial networks - Profiles - Part 1-6: Fieldbus profiles - Communication Profile Family 6	EN IEC 61784-1-6	2023
IEC 61784-1-8	2023	Industrial networks - Profiles - Part 1-8: Fieldbus profiles - Communication Profile Family 8	EN IEC 61784-1-8	2023
IEC 61784-1-9	2023	Industrial networks - Profiles - Part 1-9: Fieldbus profiles - Communication Profile Family 9	EN IEC 61784-1-9	2023
IEC 61784-1-16	2023	Industrial networks - Profiles - Part 1-16: Fieldbus profiles - Communication Profile Family 16	EN IEC 61784-1-16	2023

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IEC 61784-1-19	2023	Industrial networks - Profiles - Part 1-19: Fieldbus profiles - Communication Profile Family 19	EN IEC 61784-1-19 2023
IEC 61784-1-22	2023	Industrial networks - Profiles - Part 1-22: Fieldbus profiles - Communication Profile Family 22	EN IEC 61784-1-22 2023

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