

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Industrial networks – Profiles –
Part 5-8: Installation of fieldbuses – Installation profiles for CPF 8**

**Réseaux industriels – Profils –
Partie 5-8: Installation des bus de terrain – Profils d'installation pour la CPF 8**

[IEC 61784-5-8:2024](https://standards.iteh.ai/catalog/standards/iec/71eaa2ef-c312-4334-aa95-ba51a8e32489/iec-61784-5-8-2024)

<https://standards.iteh.ai/catalog/standards/iec/71eaa2ef-c312-4334-aa95-ba51a8e32489/iec-61784-5-8-2024>



THIS PUBLICATION IS COPYRIGHT PROTECTED

Copyright © 2024 IEC, Geneva, Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either IEC or IEC's member National Committee in the country of the requester. If you have any questions about IEC copyright or have an enquiry about obtaining additional rights to this publication, please contact the address below or your local IEC member National Committee for further information.

Droits de reproduction réservés. Sauf indication contraire, aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'IEC ou du Comité national de l'IEC du pays du demandeur. Si vous avez des questions sur le copyright de l'IEC ou si vous désirez obtenir des droits supplémentaires sur cette publication, utilisez les coordonnées ci-après ou contactez le Comité national de l'IEC de votre pays de résidence.

IEC Secretariat
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

About the IEC

The International Electrotechnical Commission (IEC) is the leading global organization that prepares and publishes International Standards for all electrical, electronic and related technologies.

About IEC publications

The technical content of IEC publications is kept under constant review by the IEC. Please make sure that you have the latest edition, a corrigendum or an amendment might have been published.

IEC publications search - webstore.iec.ch/advsearchform

The advanced search enables to find IEC publications by a variety of criteria (reference number, text, technical committee, ...). It also gives information on projects, replaced and withdrawn publications.

IEC Just Published - webstore.iec.ch/justpublished

Stay up to date on all new IEC publications. Just Published details all new publications released. Available online and once a month by email.

IEC Customer Service Centre - webstore.iec.ch/csc

If you wish to give us your feedback on this publication or need further assistance, please contact the Customer Service Centre: sales@iec.ch.

IEC Products & Services Portal - products.iec.ch

Discover our powerful search engine and read freely all the publications previews, graphical symbols and the glossary. With a subscription you will always have access to up to date content tailored to your needs.

Electropedia - www.electropedia.org

The world's leading online dictionary on electrotechnology, containing more than 22 500 terminological entries in English and French, with equivalent terms in 25 additional languages. Also known as the International Electrotechnical Vocabulary (IEV) online.

A propos de l'IEC

La Commission Electrotechnique Internationale (IEC) est la première organisation mondiale qui élabore et publie des Normes internationales pour tout ce qui a trait à l'électricité, à l'électronique et aux technologies apparentées.

A propos des publications IEC

Le contenu technique des publications IEC est constamment revu. Veuillez vous assurer que vous possédez l'édition la plus récente, un corrigendum ou amendement peut avoir été publié.

Recherche de publications IEC -

webstore.iec.ch/advsearchform

La recherche avancée permet de trouver des publications IEC en utilisant différents critères (numéro de référence, texte, comité d'études, ...). Elle donne aussi des informations sur les projets et les publications remplacées ou retirées.

IEC Just Published - webstore.iec.ch/justpublished

Restez informé sur les nouvelles publications IEC. Just Published détaille les nouvelles publications parues. Disponible en ligne et une fois par mois par email.

Service Clients - webstore.iec.ch/csc

Si vous désirez nous donner des commentaires sur cette publication ou si vous avez des questions contactez-nous: sales@iec.ch.

IEC Products & Services Portal - products.iec.ch

Découvrez notre puissant moteur de recherche et consultez gratuitement tous les aperçus des publications, symboles graphiques et le glossaire. Avec un abonnement, vous aurez toujours accès à un contenu à jour adapté à vos besoins.

Electropedia - www.electropedia.org

Le premier dictionnaire d'électrotechnologie en ligne au monde, avec plus de 22 500 articles terminologiques en anglais et en français, ainsi que les termes équivalents dans 25 langues additionnelles. Egalement appelé Vocabulaire Electrotechnique International (IEV) en ligne.

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Industrial networks – Profiles –
Part 5-8: Installation of fieldbuses – Installation profiles for CPF 8**

**Réseaux industriels – Profils –
Partie 5-8: Installation des bus de terrain – Profils d'installation pour la CPF 8**

[IEC 61784-5-8:2024](https://standards.iteh.ai/catalog/standards/iec/71eaa2ef-c312-4334-aa95-ba51a8e32489/iec-61784-5-8-2024)

<https://standards.iteh.ai/catalog/standards/iec/71eaa2ef-c312-4334-aa95-ba51a8e32489/iec-61784-5-8-2024>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 25.040.40, 35.100.40

ISBN 978-2-8322-8349-3

**Warning! Make sure that you obtained this publication from an authorized distributor.
Attention! Veuillez vous assurer que vous avez obtenu cette publication via un distributeur agréé.**

CONTENTS

FOREWORD.....	7
INTRODUCTION.....	9
1 Scope.....	10
2 Normative references	10
3 Terms, definitions and abbreviated terms	10
4 CPF 8: Overview of installation profiles	11
5 Installation profile conventions.....	11
6 Conformance to installation profiles.....	12
Annex A (normative) CP 8/1 and CP 8/2 (CC-Link™/V1 and CC-Link™/V2) specific installation profile	13
A.1 Installation profile scope	13
A.2 Normative references.....	13
A.3 Installation profile terms, definitions, and abbreviated terms	13
A.3.1 Terms and definitions	13
A.3.2 Abbreviated terms	13
A.3.3 Conventions for installation profiles	13
A.4 Installation planning.....	13
A.4.1 General	13
A.4.2 Planning requirements.....	14
A.4.3 Network capabilities.....	14
A.4.4 Selection and use of cabling components	16
A.4.5 Cabling planning documentation	21
A.4.6 Verification of cabling planning specification.....	21
A.5 Installation implementation.....	21
A.5.1 General requirements	21
A.5.2 Cable installation	22
A.5.3 Connector installation	23
A.5.4 Terminator installation	23
A.5.5 Device installation	24
A.5.6 Coding and labelling	24
A.5.7 Earthing and bonding of equipment and devices and shield cabling.....	24
A.5.8 As-implemented cabling documentation.....	24
A.6 Installation verification and installation acceptance test	25
A.6.1 General	25
A.6.2 Installation verification	25
A.6.3 Installation acceptance test	26
A.7 Installation administration	26
A.8 Installation maintenance and installation troubleshooting.....	26
Annex B (normative) CP 8/3 (CC-Link/LT™) specific installation profile	27
B.1 Installation profile scope	27
B.2 Normative references.....	27
B.3 Installation profile terms, definitions, and abbreviated terms	27
B.3.1 Terms and definitions	27
B.3.2 Abbreviated terms	27
B.3.3 Conventions for installation profiles	27
B.4 Installation planning.....	27

B.4.1	General	27
B.4.2	Planning requirements	28
B.4.3	Network capabilities	28
B.4.4	Selection and use of cabling components	31
B.4.5	Cabling planning documentation	38
B.4.6	Verification of cabling planning specification	38
B.5	Installation implementation	38
B.5.1	General requirements	38
B.5.2	Cable installation	38
B.5.3	Connector installation	39
B.5.4	Terminator installation	40
B.5.5	Device installation	40
B.5.6	Coding and labelling	40
B.5.7	Earthing and bonding of equipment and devices and shield cabling	40
B.5.8	As-implemented cabling documentation	40
B.6	Installation verification and installation acceptance test	41
B.6.1	General	41
B.6.2	Installation verification	41
B.6.3	Installation acceptance test	42
B.7	Installation administration	42
B.8	Installation maintenance and installation troubleshooting	42
Annex C (normative)	CP 8/4 (CC-Link IE™ Controller Network) specific installation profile	43
C.1	Installation profile scope	43
C.2	Normative references	43
C.3	Installation profile terms, definitions, and abbreviated terms	43
C.3.1	Terms and definitions	43
C.3.2	Abbreviated terms	43
C.3.3	Conventions for installation profiles	43
C.4	Installation planning	43
C.4.1	General	43
C.4.2	Planning requirements	43
C.4.3	Network capabilities	44
C.4.4	Selection and use of cabling components	45
C.4.5	Cabling planning documentation	51
C.4.6	Verification of cabling planning specification	51
C.5	Installation implementation	51
C.5.1	General requirements	51
C.5.2	Cable installation	52
C.5.3	Connector installation	53
C.5.4	Terminator installation	53
C.5.5	Device installation	54
C.5.6	Coding and labelling	54
C.5.7	Earthing and bonding of equipment and devices and shield cabling	54
C.5.8	As-implemented cabling documentation	55
C.6	Installation verification and installation acceptance test	55
C.6.1	General	55
C.6.2	Installation verification	55
C.6.3	Installation acceptance test	56

C.7	Installation administration	56
C.8	Installation maintenance and installation troubleshooting	56
Annex D (normative) CP 8/5 (CC-Link IE™ Field Network) specific installation profile		57
D.1	Installation profile scope	57
D.2	Normative references	57
D.3	Installation profile terms, definitions, and abbreviated terms	57
D.3.1	Terms and definitions	57
D.3.2	Abbreviated terms	57
D.3.3	Conventions for installation profiles	57
D.4	Installation planning	57
D.4.1	General	57
D.4.2	Planning requirements	57
D.4.3	Network capabilities	58
D.4.4	Selection and use of cabling components	59
D.4.5	Cabling planning documentation	64
D.4.6	Verification of cabling planning specification	64
D.5	Installation implementation	64
D.5.1	General requirements	64
D.5.2	Cable installation	64
D.5.3	Connector installation	66
D.5.4	Terminator installation	66
D.5.5	Device installation	66
D.5.6	Coding and labelling	66
D.5.7	Earthing and bonding of equipment and devices and shield cabling	66
D.5.8	As-implemented cabling documentation	67
D.6	Installation verification and installation acceptance test	67
D.6.1	General	67
D.6.2	Installation verification	67
D.6.3	Installation acceptance test	68
D.7	Installation administration	69
D.8	Installation maintenance and installation troubleshooting	69
Annex E (normative) CP 8/6 (CC-Link IE™ TSN) specific installation profile		70
E.1	Installation profile scope	70
E.2	Normative references	70
E.3	Installation profile terms, definitions, and abbreviated terms	70
E.3.1	Terms and definitions	70
E.3.2	Abbreviated terms	70
E.3.3	Conventions for installation profiles	70
E.4	Installation planning	70
E.4.1	General	70
E.4.2	Planning requirements	71
E.4.3	Network capabilities	71
E.4.4	Selection and use of cabling components	73
E.4.5	Cabling planning documentation	79
E.4.6	Verification of cabling planning specification	79
E.5	Installation implementation	80
E.5.1	General requirements	80
E.5.2	Cable installation	80
E.5.3	Connector installation	81

E.5.4	Terminator installation	82
E.5.5	Device installation	82
E.5.6	Coding and labelling	82
E.5.7	Earthing and bonding of equipment and devices and shield cabling	82
E.5.8	As-implemented cabling documentation	83
E.6	Installation verification and installation acceptance test	83
E.6.1	General	83
E.6.2	Installation verification	83
E.6.3	Installation acceptance test	84
E.7	Installation administration	84
E.8	Installation maintenance and installation troubleshooting	84
	Bibliography	85
	Figure 1 – Standards relationships	9
	Figure A.1 – Pass-through connector configuration	15
	Figure A.2 – Bus t-branch topology	15
	Figure A.3 – Wiring	18
	Figure B.1 – Powered network topology	29
	Figure B.2 – Bus t-branch topology	29
	Figure B.3 – Flat cable cross section – with key	31
	Figure B.4 – Flat cable cross section – without key	31
	Figure B.5 – Flat cable polarity marking	32
	Figure B.6 – Wiring	33
	Figure B.7 – Flat cable connector and terminal cover	34
	Table A.1 – Basic network characteristics for balanced cabling not based on Ethernet	16
	Table A.2 – Bus t-branch network characteristics	16
	Table A.3 – Information relevant to copper cable: fixed cables	17
	Table A.4 – Connectors for copper cabling CPs not based on Ethernet	18
	Table A.5 – Parameters for balanced cables	22
	Table A.6 – Cable conductor assignments	23
	Table B.1 – Basic network characteristics for balanced cabling not based on Ethernet	30
	Table B.2 – CP 8/3 additional topology length limits	30
	Table B.3 – Information relevant to copper cable: cords	32
	Table B.4 – Connectors for copper cabling CPs not based on Ethernet	35
	Table B.5 – Parameters for balanced cables	38
	Table B.6 – Flat cable conductor assignments	39
	Table C.1 – Network characteristics for balanced cabling based on Ethernet	45
	Table C.2 – Network characteristics for optical fibre cabling	45
	Table C.3 – Information relevant to copper cable: fixed cables	46
	Table C.4 – Information relevant to optical fibre cables	47
	Table C.5 – Connectors for balanced cabling CPs based on Ethernet	47
	Table C.6 – Optical fibre connecting hardware	48
	Table C.7 – Relationship between FOC and fibre types (CP 8/4)	48

Table C.8 – Parameters for balanced cables..... 52

Table C.9 – Parameters for silica optical fibre cables..... 52

Table D.1 – Network characteristics for balanced cabling based on Ethernet 59

Table D.2 – Information relevant to copper cable: fixed cables..... 60

Table D.3 – Connectors for balanced cabling CPs based on Ethernet 61

Table D.4 – Parameters for balanced cables..... 65

Table E.1 – Network characteristics for balanced cabling based on Ethernet 72

Table E.2 – Network characteristics for optical fibre cabling..... 73

Table E.3 – Information relevant to copper cable: fixed cables..... 74

Table E.4 – Information relevant to optical fibre cables 75

Table E.5 – Connectors for balanced cabling CPs based on Ethernet 76

Table E.6 – Optical fibre connecting hardware 76

Table E.7 – Relationship between FOC and fibre types (CP 8/6)..... 76

Table E.8 – Parameters for balanced cables 80

Table E.9 – Parameters for silica optical fibre cables 80

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[IEC 61784-5-8:2024](#)

<https://standards.iteh.ai/catalog/standards/iec/71eaa2ef-c312-4334-aa95-ba51a8e32489/iec-61784-5-8-2024>

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INDUSTRIAL NETWORKS –
PROFILES –****Part 5-8: Installation of fieldbuses –
Installation profiles for CPF 8****FOREWORD**

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as “IEC Publication(s)”). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) IEC draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). IEC takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, IEC had not received notice of (a) patent(s), which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at <https://patents.iec.ch>. IEC shall not be held responsible for identifying any or all such patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

IEC 61784-5-8 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 document is to be used in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Annex E and related references have been added.

The text of this International Standard is based on the following documents:

Draft	Report on voting
65C/1280/FDIS	65C/1295/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with the ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts of IEC 61784-5 series, published under the general title *Industrial networks – Profiles – Installation of fieldbuses*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

IMPORTANT – The "colour inside" logo on the cover page of this document indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

INTRODUCTION

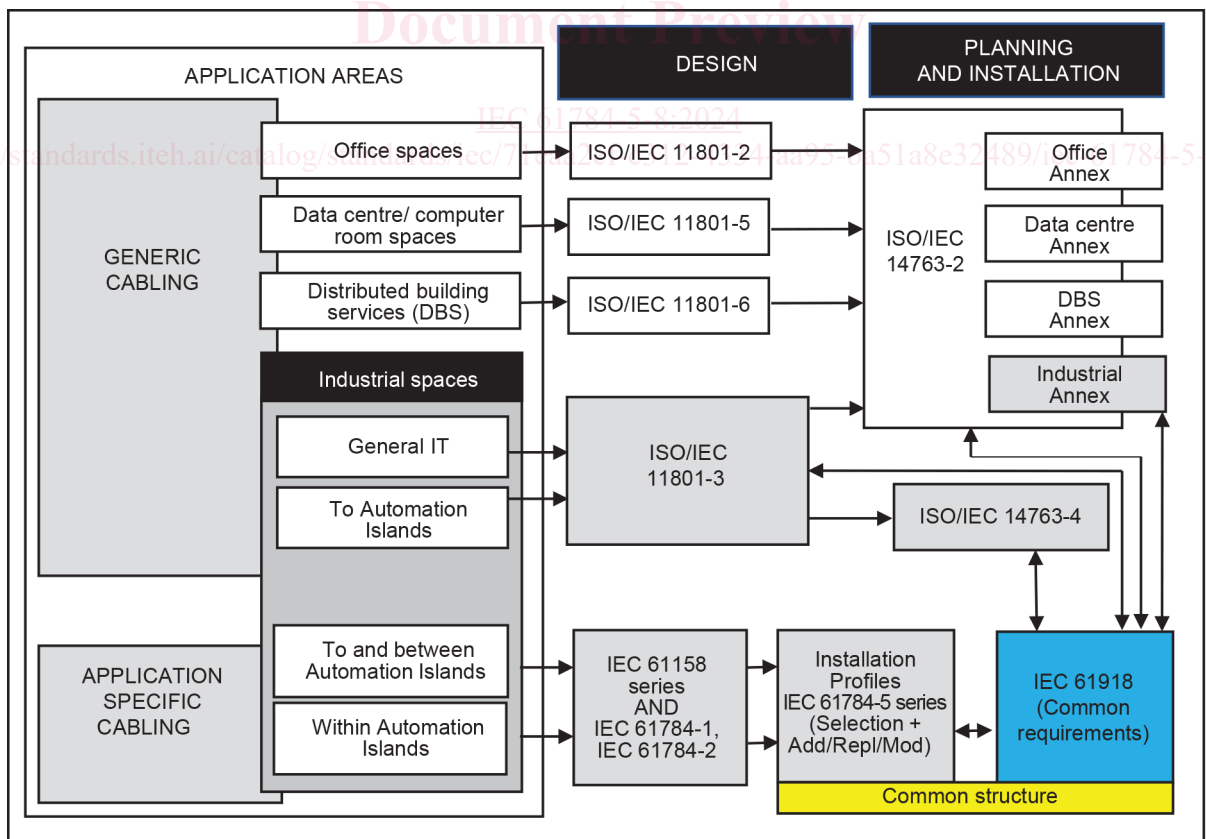
This document is one of a series produced to facilitate the use of communication networks in industrial control systems.

IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024 provide the common requirements for the installation of communication networks in industrial control systems. This installation profile standard provides the installation profiles of the communication profiles (CP) of a specific communication profile family (CPF) by stating which requirements of IEC 61918:2018 and IEC 61918:2018/AMD1:2022 fully apply and, where necessary, by supplementing, modifying, or replacing the other requirements (see Figure 1).

For general background on fieldbuses, their profiles, and relationship between the installation profiles specified in this document, see IEC 61158-1.

Each CP installation profile is specified in a separate annex of this document. Each annex is structured exactly as the reference standard IEC 61918:2018 for the benefit of the persons representing the roles in the fieldbus installation process as defined in IEC 61918:2018 (planner, installer, verification personnel, validation personnel, maintenance personnel, administration personnel). By reading the installation profile in conjunction with IEC 61918:2018, these persons immediately know which requirements are common for the installation of all CPs and which are modified or replaced. The conventions used to draft this document are defined in Clause 5.

The provision of the installation profiles in one standard for each CPF (for example IEC 61784-5-8 for CPF 8) allows readers to work with standards of a convenient size.



IEC

Figure 1 – Standards relationships

INDUSTRIAL NETWORKS – PROFILES –

Part 5-8: Installation of fieldbuses – Installation profiles for CPF 8

1 Scope

This part of IEC 61784-5 specifies the installation profiles for CPF 8 (CC-Link^{TM1}).

The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024.

2 Normative references

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.

IEC 61918:2018², *Industrial communication networks – Installation of communication networks in industrial premises*

IEC 61918:2018/AMD1:2022

IEC 61918:2018/AMD2:2024

NOTE For profile specific normative references, see Clauses A.2, B.2, and E.2 respectively.

3 Terms, definitions and abbreviated terms

For the purposes of this document, the terms, definitions and abbreviated terms given in IEC 61918:2018, Clause 3 and IEC 61918:2018/AMD1:2022, Clause 3 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

¹ CC-LinkTM, CC-Link/LTTM and CC-Link IETM are trade names of Mitsubishi Electric Co., control of trade name use is given to CCLink Partner Association. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the trademark holder or any of its products. Compliance to this profile does not require use of the trade name. Use of the trade name requires permission of the trade name holder.

² The normative references of IEC 61918:2018, Clause 2, IEC 61918:2018/AMD1:2022, Clause 2 and IEC 61918:2018/AMD2:2024, Clause 2, apply.

4 CPF 8: Overview of installation profiles

CPF 8 consists of six communication profiles as specified in IEC 61784-1-8 and IEC 61784-2-8.

The installation requirements for CP 8/1 (CC-Link™/V1) and CP 8/2 (CC-Link™/V2) are specified in Annex A.

The installation requirements for CP 8/3 (CC-Link/LT™) are specified in Annex B.

The installation requirements for CP 8/4 (CC-Link IE™ Controller Network) are specified in Annex C.

The installation requirements for CP 8/5 (CC-Link IE™ Field Network) are specified in Annex D.

The installation requirements for CP 8/6 (CC-Link IE™ TSN) are specified in Annex E.

5 Installation profile conventions

The numbering of the clauses and subclauses in the annexes of this document corresponds to the numbering of IEC 61918 main clauses and subclauses.

The annex clauses and subclauses of this document supplement, modify, or replace the respective clauses and subclauses in IEC 61918.

Where there is no corresponding subclause of IEC 61918 in the normative annexes in this document, the subclause of IEC 61918 applies without modification.

The annex heading letter represents the installation profile assigned in Clause 4. The annex heading number shall represent the corresponding numbering of IEC 61918.

EXAMPLE "Subclause B.4.4" in IEC 61784-5-8 means that CP 8/3 specifies 4.4 of IEC 61918:2018 and IEC 61918:2018/AMD1:2022.

All main clauses of IEC 61918 are cited and apply in full unless otherwise stated in each normative installation profile annex.

If all subclauses of a (sub)clause are omitted, then the corresponding IEC 61918 (sub)clause applies.

If in a (sub)clause it is written "Not applicable", then the corresponding IEC 61918 (sub)clause does not apply.

If in a (sub)clause it is written "*Addition:*", then the corresponding IEC 61918 (sub)clause applies with the additions written in the profile.

If in a (sub)clause it is written "*Replacement:*", then the text provided in the profile replaces the text of the corresponding IEC 61918 (sub)clause.

NOTE A replacement can also comprise additions.

If in a (sub)clause it is written "*Modification:*", then the corresponding IEC 61918 (sub)clause applies with the modifications written in the profile.

If all (sub)clauses of a (sub)clause are omitted but in this (sub)clause it is written "*(Sub)clause x has addition:*" (or "*replacement:*") or "(Sub)clause x is not applicable.", then (sub)clause x becomes valid as declared and all the other corresponding IEC 61918 (sub)clauses apply.

6 Conformance to installation profiles

Each installation profile within this document includes parts of IEC 61918:2018 and IEC 61918:2018/AMD1:2022. It may also include defined additional specifications.

A statement of compliance with an installation profile of this document shall be stated as either

Compliance with IEC 61784-5-8:2024 for CP 8/m <CC-Link> or

Compliance with IEC 61784-5-8 (Ed.3.0) for CP 8/m <CC-Link>

where the name within the angle brackets < > is optional and the angle brackets shall not be included. The m within CP 8/m shall be replaced by the profile number 1 to 6.

NOTE The name can be the name of the profile, as: CC-Link/V1, CC-Link/V2, CC-Link/LT, CC-Link IE Controller Network, CC-Link IE Field Network, or CC-Link IE TSN.

If the name is a trade name then the permission of the trade name holder shall be required.

Product standards shall not include any conformity assessment aspects (including quality management provisions), neither normative nor informative, other than provisions for product testing (evaluation and examination).

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[IEC 61784-5-8:2024](#)

<https://standards.iteh.ai/catalog/standards/iec/71eaa2ef-c312-4334-aa95-ba51a8e32489/iec-61784-5-8-2024>