BS EN IEC 61784-5-6:2024

BSI Standards Publication

Industrial networks — Profiles

Part 5-6: Installation of fieldbuses — Installation profiles for CPF 6

Documents
Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

National foreword

This British Standard is the UK implementation of EN IEC 61784-5-6:2024. It is identical to IEC 61784-5-6:2024. It supersedes BS EN IEC 61784-5-6:2018, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/65/3, Industrial communications: process measurement and control, including fieldbus.

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

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2024
Published by BSI Standards Limited 2024

ISBN 978 0 539 32003 9

ICS 25.040.40; 35.100.40

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 May 2024.

Amendments/corrigenda issued since publication

Date	Text affected

Documents
Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61784-5-6

May 2024

ICS 25.040.40; 35.100.40

Supersedes EN IEC 61784-5-6:2018

English Version

Industrial networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6 (IEC 61784-5-6:2024)

Réseaux industriels - Profils - Partie 5-6: Installation des bus de terrain - Profils d'installation pour CPF 6 (IEC 61784-5-6:2024)

Industrielle Kommunikationsnetze - Profile - Teil 5-6: Feldbusinstallation - Installationsprofile für die Kommunikationsprofilfamilie 6 (IEC 61784-5-6:2024)

This European Standard was approved by CENELEC on 2024-05-08. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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

© 2024 CENELEC All rights of exploitation in any form and by any means reserved worldwide for CENELEC Members.

Ref. No. EN IEC 61784-5-6:2024 E

Documents
Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

European foreword

The text of document 65C/1283/FDIS, future edition 5 of IEC 61784-5-6, 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 61784-5-6:2024.

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) 2025-02-08
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-05-08

This document supersedes EN IEC 61784-5-6:2018 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document is read in conjunction with EN IEC 61918:2018, and all of its amendments and corrigenda (if any).

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 61784-5-6:2024 was approved by CENELEC as a European Standard without any modification.

Documents
Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

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 61918	2018	Industrial communication networks - Installation of communication networks in industrial premises	EN IEC 61918	2018[1]
-	-		+ A11	2019
-	-		+ A12	2023
-	-		+ AC	2019-03
+ AMD1	2022		+ A1	2022
+ AMD2	2024		+ A2	2024

[1] The normative references of EN IEC 61918:2018, EN IEC 61918:2018/A11:2019, EN IEC 61918:2018/A12:2023, EN IEC 61918:2018/AC:2019-03, EN IEC 61918:2018/A1:2022, and EN IEC 61918:2018/A2:2024 apply.

Documents
Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

This page deliberately left blank

Documents
Document Sharing Hub

CONTENTS

FOREWORD 5
INTRODUCTION 7
1 Scope 8
2 Normative references 8
3 Terms, definitions and abbreviated terms 8
4 CPF 6: Overview of installation profiles 9
5 Installation profile conventions 9
6 Conformance to installation profiles 9
Annex A (normative) CPF 6 Type 8 network specific installation profile 11
A.1 Installation profile scope 11
A.2 Normative references 11
A.3 Installation profile terms, definitions, and abbreviated terms 11
A.3.1 Terms and definitions 11
A.3.2 Abbreviated terms 12
A.3.3 Conventions for installation profiles 13
A.4 Installation planning 13
A.4.1 General 13
A.4.2 Planning requirements 13
A.4.3 Network capabilities 14
A.4.4 Selection and use of cabling components 18
A.4.5 Cabling planning documentation 27
A.4.6 Verification of cabling planning specification 27
A.5 Installation implementation 27
A.5.1 General requirements 27
A.5.2 Cable installation 27
A.5.3 Connector installation 30
A.5.4 Terminator installation 32
A.5.5 Device installation 32
A.5.6 Coding and labelling 32
A.5.7 Earthing and bonding of equipment and devices and shield cabling 32
A.5.8 As-implemented cabling documentation 32
A.6 Installation verification and installation acceptance test 32
A.6.1 General 32
A.6.2 Installation verification 32
A.6.3 Installation acceptance test 33
A.7 Installation administration 34
A.8 Installation maintenance and installation troubleshooting 34
Annex B (normative) CPF 6 Ethernet network specific installation profile 35
B.1 Installation profile scope 35
B.2 Normative references 35
B.3 Installation profile terms, definitions, and abbreviated terms 36
B.3.1 Terms and definitions 36
B.3.2 Abbreviated terms 36
B.3.3 Conventions for installation profiles 36
B.4 Installation planning 36
B.4.1 General 36

AVA Documents
Document Sharing Hub
Full document details: BS EN IEC 61784-5-6:2024

B.4.2 Planning requirements 36
B.4.3 Network capabilities 37
B.4.4 Selection and use of cabling components 40
B.4.5 Cabling planning documentation 46
B.4.6 Verification of cabling planning specification 46
B.5 Installation implementation 46
B.5.1 General requirements 46
B.5.2 Cable installation 46
B.5.3 Connector installation 48
B.5.4 Terminator installation 48
B.5.5 Device installation 48
B.5.6 Coding and labelling 48
B.5.7 Earthing and bonding of equipment and devices and shield cabling 48
B.5.8 As-implemented cabling documentation 48
B.6 Installation verification and installation acceptance test 49
B.6.1 General 49
B.6.2 Installation verification 49
B.6.3 Installation acceptance test 49
B.7 Installation administration 49
B.8 Installation maintenance and installation troubleshooting 49
Bibliography 50

Figure 1 – Standards relationships 7
Figure A.1 – Type 8 network structure example 15
Figure A.2 – Example of a Type 8 network configuration 16
Figure A.3 – Sub-D connector pin assignment 30
Figure A.4 – M23 circular connector pin assignment 31
Figure A.5 – M12 circular connector pin assignment 31
Figure A.6 – Terminal connector at the device 31
Figure B.1 – Terminal connector at the device 48

Table A.1 – Basic network characteristics for balanced cabling not based on Ethernet 17
Table A.2 – Network characteristics for optical fibre cabling 18
Table A.3 – Information relevant to balanced cable: fixed cables 19
Table A.4 – Information relevant to balanced cable: cords 20
Table A.5 – Remote bus fibre optic cable length 22
Table A.6 – Connectors for copper cabling CPs not based on Ethernet 22
Table A.7 – Optical fibre connecting hardware 23
Table A.8 – Relationship between FOC and fibre types (Type 8 networks) 23
Table A.9 – Colour code for balanced cables used by Type 8 networks 25
Table A.10 – Parameters for balanced cables 27
Table A.11 – Parameters for silica optical fibre cables 28
Table A.12 – Parameters for POF optical fibre cables 28
Table A.13 – Parameters for hard clad silica optical fibre cables 29
Table A.14 – Pin assignment of the terminal connector 31
Table B.1 – Network characteristics for balanced cabling based on Ethernet 38

AVA Documents Document Sharing Hub
Full document details: BS EN IEC 61784-5-6:2024

Table B.2 – Network characteristics for optical fibre cabling 39
Table B.3 – Information relevant to copper cable: fixed cables 40
Table B.4 – Information relevant to copper cable: cords 41
Table B.5 – Information relevant to optical fibre cables 42
Table B.6 – Connectors for balanced cabling CPs based on Ethernet 43
Table B.7 – Connectors for copper cabling CPs not based on Ethernet 43
Table B.8 – Optical fibre connecting hardware 44
Table B.9 – Relationship between FOC and fibre types (CP 6/2 Ethernet network) 44
Table B.10 – Parameters for balanced cables 46
Table B.11 – Parameters for silica optical fibre cables 46
Table B.12 – Parameters for POF optical fibre cables 47
Table B.13 – Parameters for hard clad silica optical fibre cables 47

Documents
Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

INTERNATIONAL ELECTROTECHNICAL COMMISSION

_____

INDUSTRIAL NETWORKS – PROFILES –

Part 5-6: Installation of fieldbuses – Installation profiles for CPF 6

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 61784-5-6 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 fifth edition cancels and replaces the fourth edition published in 2018. This edition constitutes a technical revision.

AVA Documents Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

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

a) alignment with IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024;

b) addition of new content related to Single Pair Ethernet (SPE) in Annex B, Table B.1, Table B.3, Table B.4, Table B.6.

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

Draft	Report on voting
65C/1283/FDIS	65C/1297/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, 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.

Documents
Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

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 document provides the installation profiles of the communication profiles (CP) of a specific communication profile family (CPF) by stating which requirements of IEC 61918 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 document IEC 61918 for the benefit of the persons representing the roles in the fieldbus installation process as defined in IEC 61918 (planner, installer, verification personnel, validation personnel, maintenance personnel, administration personnel). By reading the installation profile in conjunction with IEC 61918, 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 document for each CPF (for example IEC 61784-5-6 for CPF 6) allows readers to work with documents of a convenient size.

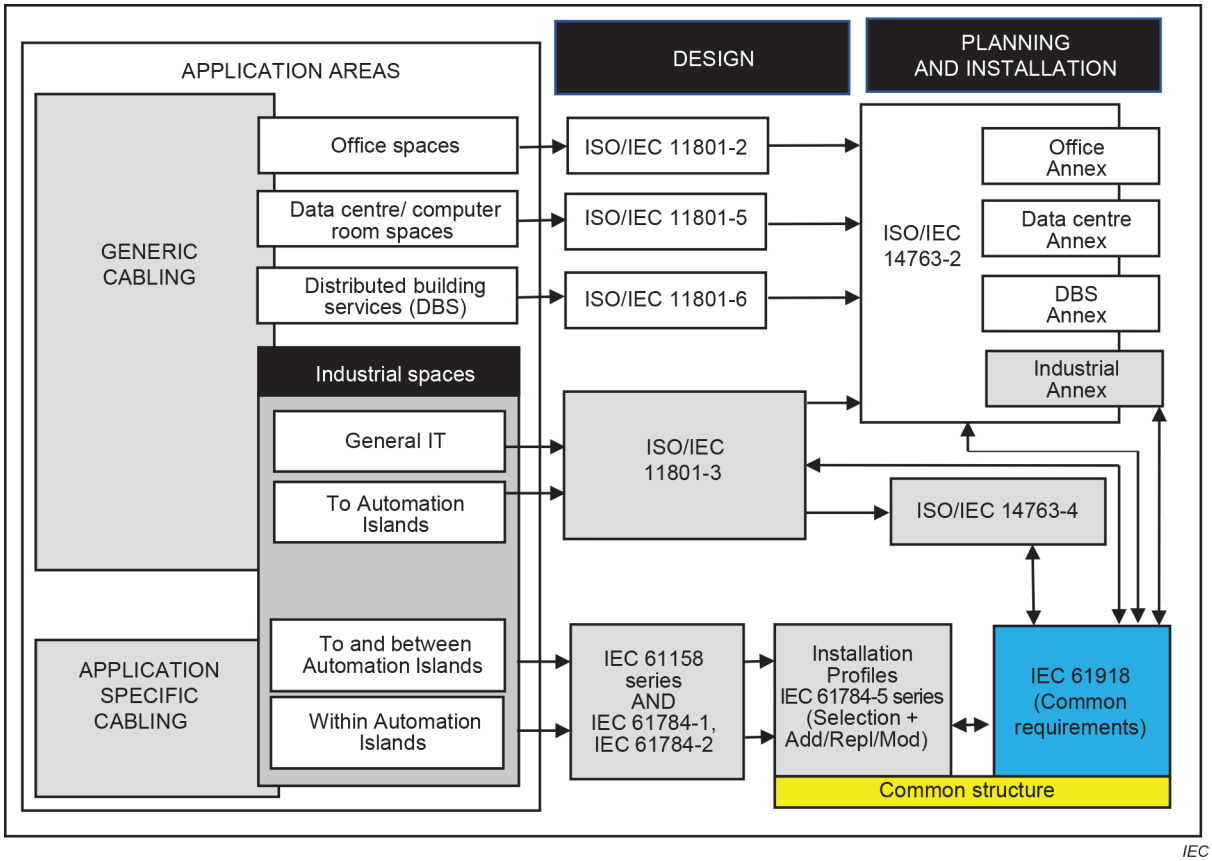

Figure 1 – Standards relationships

Documents
Document Sharing Hub
Full document details: BS EN IEC 61784-5-6:2024

INDUSTRIAL NETWORKS – PROFILES –

Part 5-6: Installation of fieldbuses – Installation profiles for CPF 6

1 Scope

This part of IEC 61784-5 specifies the installation profiles for CPF 6 (INTERBUS™)[1].

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 61918:2018[2], *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.

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, IEC 61918:2018/AMD1:2022, Clause 3, and Clauses A.3, B.3 of this document 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 INTERBUS™ is a trade name of INTERBUS Club, an independent organisation of users and vendors of INTERBUS products. 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 INTERBUS. Use of the trade name INTERBUS 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.

AVA Documents Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

4 CPF 6: Overview of installation profiles

CPF 6 consists of seven communication profiles (see IEC 61784-1:— for CP 6/1, CP 6/2, CP 6/3, see IEC 61784-2:— for CP 6/4, CP 6/5, CP 6/6, see IEC 61784-3-6 for FSCP 6/7).

The CPF 6 Type 8 network (non-Ethernet-based) installation profile is specified in Annex A.

The CPF 6 Ethernet network specific installation profile is specified in Annex B.

5 Installation profile conventions

The numbering of the clauses and subclauses in the annexes of this document corresponds to the numbering of IEC 61918:2018 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 (sub)clause numbering following the annex letter shall represent the corresponding (sub)clause numbering of IEC 61918.

EXAMPLE "Subclause B.4.4" in IEC 61784-5-6 means that CP 6/2 specifies the Subclause 4.4 of IEC 61918.

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 part of IEC 61918:2018, IEC 61918:2018/AMD1:2022 and IEC 61918:2018/AMD2:2024. It may also include defined additional specifications.

Documents
Document Sharing Hub
Full document details: BS EN IEC 61784-5-6:2024

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

Compliance with IEC 61784-5-6:2024 for CP 6/m <name> or

Compliance with IEC 61784-5-6 (Ed.5.0) for CP 6/m <name>

where the name within the angle brackets < > is optional and the angle brackets are not to be included. The m within CP 6/m shall be replaced by the profile number 1 to 2.

NOTE The name can be the name of the profile, for example INTERBUS.

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

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

Documents
Document Sharing Hub

Full document details: BS EN IEC 61784-5-6:2024

Annex A
(normative)

CPF 6 Type 8 network specific installation profile

A.1 Installation profile scope

Addition:

This annex specifies the installation profile for CPF 6 Type 8 networks and the related Communication Profiles:

- CP 6/1, CP 6/2, CP 6/3 – specified in IEC 61784-1;
- CP 6/4, CP 6/5, CP 6/6 – specified in IEC 61784-2;
- FSCP 6/7 – specified in IEC 61784-3-6.

A.2 Normative references

Addition:

IEC 60189-1:2018, *Low-frequency cables and wires with PVC insulation and PVC sheath – Part 1: General test and measuring methods*

IEC 60794-1-2, *Optical fibre cables – Part 1-2: Generic specification – Basic optical cable test procedures – General guidance*

IEC 61076-3-123, *Connectors for electronic equipment – Product requirements – Part 3-123: Rectangular connectors – Detail specification for hybrid connectors for industrial environments, for power supply and fibre optic data transmission, with push-pull locking*

IEC 61156-1:2007[3], *Multicore and symmetrical pair/quad cables for digital communications – Part 1: Generic specification*

IEC 61754-24-21, *Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 24-21: Type SC-RJ connectors with protective housings based on IEC 61076-3-106, variant 06*

IEC 61754-27, *Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 27: Type M12 FO connector family*

A.3 Installation profile terms, definitions, and abbreviated terms

A.3.1 Terms and definitions

Addition:

A.3.1.93
bus coupler
device that divides the Type 8 network into segments by opening the ring and integrating another ring at this point

[3] A 2023 edition of this document exists but the listed edition applies.

Documents
Document Sharing Hub
Full document details: BS EN IEC 61784-5-6:2024

A.3.1.94
local bus
ring segment of a Type 8 network with alternate media specifications, which is coupled to a remote bus device via a bus coupler

A.3.1.95
local bus device
device that operates as a slave on a local bus

A.3.1.96
master
device that controls the data transfer on the Type 8 network and initiates the media access of the slaves by sending messages and that constitutes the interface to the control system

A.3.1.97
remote bus
ring segment of a network

A.3.1.98
remote bus device
device operating as a slave on a remote bus

A.3.1.99
remote bus link
connection of two remote bus devices

A.3.1.100
ring segment
one section of a Type 8 network

A.3.1.101
slave
device that accesses the medium only after it has been initiated by the preceding slave or master

A.3.2 Abbreviated terms

Addition:

BC	Bus coupler
COM	Ground line
/DI	Incoming interface: send data line – Outgoing interface: receive data line –
DI	Incoming interface: send data line + Outgoing interface: receive data line +
/DO	Incoming interface: receive data line – Outgoing interface: send data line -
DO	Incoming interface: receive data line + Outgoing interface: send data line +
PELV	Protective extra low voltage
POF	Plastic optical fibre
SELV	Safety extra low voltage

Documents
Document Sharing Hub
Full document details: BS EN IEC 61784-5-6:2024