



SLOVENSKI STANDARD
SIST EN IEC 61918:2019/A11:2019

01-november-2019

Industrijska komunikacijska omrežja - Inštalacija komunikacijskih omrežij v industrijskih okoljih

Industrial communication networks - Installation of communication networks in industrial premises

Industrielle Kommunikationsnetze – Installation von Kommunikationsnetzen in Industrieanlagen

Réseaux de communication industriels - Installation de reseaux de communication dans des locaux industriels

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Ta slovenski standard je istoveten z: EN IEC 61918:2018/A11:2019

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.110	Omreževanje	Networking

SIST EN IEC 61918:2019/A11:2019 **en,fr,de**

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EUROPEAN STANDARD

EN IEC 61918:2018/A11

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2019

ICS 25.040.40; 33.020; 35.240.50

English Version

Industrial communication networks - Installation of communication networks in industrial premises

Réseaux de communication industriels - Installation de
réseaux de communication dans des locaux industriels

Industrielle Kommunikationsnetze - Installation von
Kommunikationsnetzen in Industrieanlagen

This amendment A11 modifies the European Standard EN IEC 61918:2018; it was approved by CENELEC on 2019-04-03. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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.

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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

EN IEC 61918:2018/A11:2019 (E)

European foreword

This document (EN IEC 61918:2018/A11:2019) has been prepared by CLC/TC 65X “Industrial-process measurement, control and automation”.

The following dates are fixed:

- latest date by which this document has (dop) 2020-04-03
to be implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2022-04-03
standards conflicting with this document
have to be withdrawn

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.

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1 Modification to the European foreword

Add the following paragraphs:

EN IEC 61918:2018 includes the following significant technical changes with respect to EN 61918:2013:

- a) the reference to ISO/IEC 24702 has been replaced with reference to the new ISO/IEC 11801-3; this affects Table 2;
- b) some terms and abbreviated terms have been modified in Clause 3;
- c) Subclauses 4.1.2, 4.4.2.5, 4.4.3.4.1 and 5.7 have been updated;
- d) Figure 2 and Figure 3 have been updated; Figure 13, Figure 16, Figure 30 and Figure 49 have been added;
- e) Table 7 has been updated;
- f) Annex D and Annex M have been extended to cover additional communication profile families; Annex H has been extended to cover the M12-8 X-coding connector use;
- g) Annex O has been modified by including references to the new edition of the EN 50173 series, ISO/IEC TR 11801-9902 and ISO/IEC 14763-4;
- h) Annex P has been added.

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This standard is to be used in conjunction with the EN 61784-5 series with regard to the installation of communication profiles (CPs).

Those standards of the EN 61784-5 series which are still specified for use in conjunction with EN 61918:2013 can also be used in conjunction with this edition, provided that the user takes into account the fact that the reference to ISO/IEC 24702 has been replaced with a reference to EN 50173-3.

NOTE This solution applies for the Installation profiles that are affected only by this modified reference.

This standard is referenced by EN 50174, in particular by EN 50174-2, which covers installation of generic cabling outside the automation islands in industrial premises.

2 Modification to the Introduction

Replace the last paragraph before Figure 2 by:

For the installation of generic cabling in industrial premises, EN IEC 61918 is to be used in conjunction with EN 50174 series, in particular by EN 50174-2 (see Figure 2).

EN IEC 61918:2018/A11:2019 (E)

3 Modification to Figure 2 — Standards relationships

Replace the original figure by the following one, which shows the standards relationships at European level:

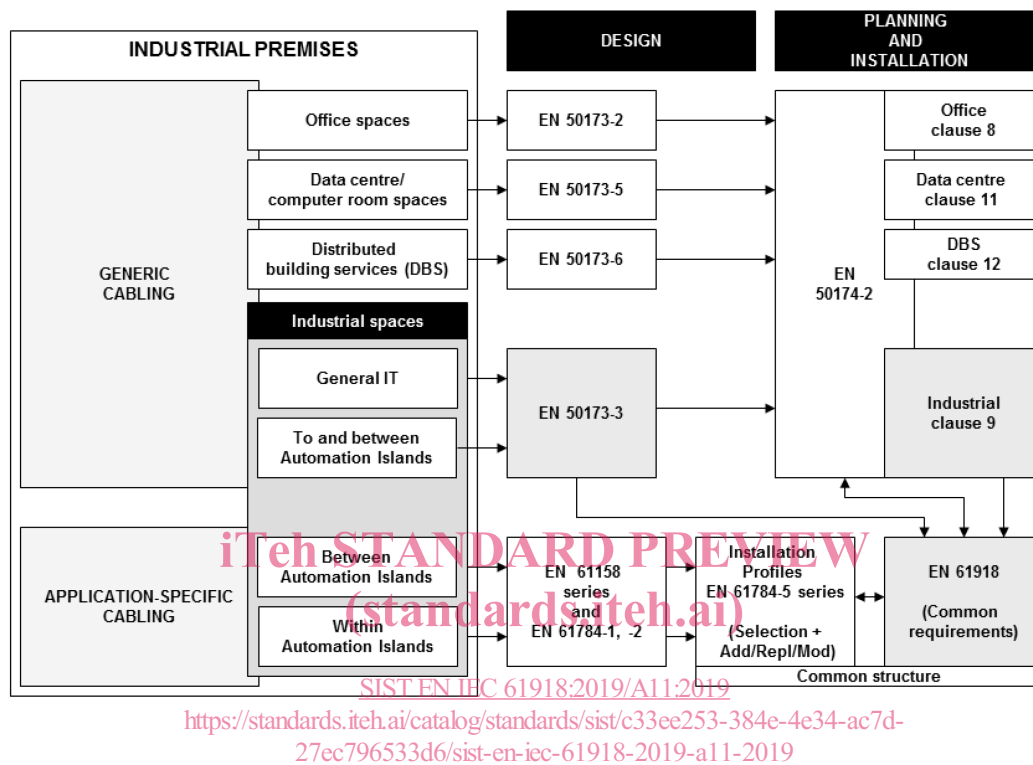


Figure 2 — Network installation: Standards relationships at European level

4 Modification to Clause 2, Normative references

In EN IEC 61918:2018 the normative references shall be modified as follows:

- EN 50288 (series) replaces IEC 61156 (series);
- HD 60364 (series) replaces IEC 60364 (series);
- EN 50173 (series) replaces ISO/IEC 11801 (series);
- EN 50174 (series) replaces ISO/IEC 14763-2;

In IEC 61918 the generic cabling is intended as 'in accordance with ISO/IEC 11801-3, whereas in EN IEC 61918 the generic cabling shall be intended as 'in accordance with EN 50173-3.