
Nizkonapetostne stikalne in krmilne naprave - Vmesniki krmilne naprave (CDIs) - 2. del: Vmesnik zaznavala prožilnika (AS-i) - Dopolnilo A1 (IEC 62026-2:2008/A1:2019)

Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 2: Actuator sensor interface (AS-i) (IEC 62026-2:2008/A1:2019)

Niederspannungsschaltgeräte - Steuerung-Geräte-Netzwerke (CDIs) - Teil 2: Aktuator Sensor Interface (AS-i) (IEC 62026-2:2008/A1:2019)

Appareillage à basse tension - Interfaces appareil de commande-appareil (CDI) - Partie 2: Interface capteur-actionneur (AS-i) (IEC 62026-2:2008/A1:2019)

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Ta slovenski standard je istoveten z: EN 62026-2:2013/A1:2019

ICS:

29.130.20	Nizkonapetostne stikalne in krmilne naprave	Low voltage switchgear and controlgear
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SIST EN 62026-2:2013/A1:2020 **en**

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EUROPEAN STANDARD

EN 62026-2:2013/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2019

ICS 29.130.20

English Version

Low-voltage switchgear and controlgear - Controller-device
interfaces (CDIs) - Part 2: Actuator sensor interface (AS-i)
(IEC 62026-2:2008/A1:2019)

Appareillage à basse tension - Interfaces appareil de
commande-appareil (CDI) - Partie 2: Interface capteur-
actionneur (AS-i)
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Niederspannungsschaltgeräte - Steuerung-Geräte-
Netzwerke (CDIs) - Teil 2: Aktuator Sensor Interface (AS-i)
(IEC 62026-2:2008/A1:2019)

This amendment A1 modifies the European Standard EN 62026-2:2013; it was approved by CENELEC on 2019-08-14. 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.

[SIST EN 62026-2:2013/A1:2020](https://standards.iteh.ai/catalog/standards/sist/dcfea998-d3cd-4a68-a42a-999999999999/iec-62026-2-2008-a1-2019)

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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 62026-2:2013/A1:2019 (E)**European foreword**

The text of document 121A/297/FDIS, future IEC 62026-2:2008/A1, prepared by SC 121A "Low-voltage switchgear and controlgear" of IEC/TC 121 "Switchgear and controlgear and their assemblies for low voltage" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62026-2:2013/A1:2019.

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) 2020-06-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-12-13

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 has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

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Endorsement notice
<https://standards.iteh.ir/catalog/standards/sist/en/62026-2-2013-a1-2020>
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The text of the International Standard IEC 62026-2:2008/A1:2019 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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.cenelec.eu

Annex ZA of EN 62026-2:2013 applies except as follows:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
<i>In Annex ZA of EN 62026-2:2013 replace the existing references to the following publications as follows:</i>				
IEC 60068-2-6	-	Environmental testing – Part 2-6: Tests – Test Fc: Vibration (sinusoidal)	–EN 60068-2-6	2008
IEC 60068-2-27	-	Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock	–EN 60068-2-27	2009
IEC 60204-1	2016	Safety of machinery – Electrical equipment of machines – Part 1: General requirements	EN 60204-1 (modified)	2018
IEC 60364-4-41	-	Low-voltage electrical installations	HD 60364-4-41 (modified)	2017
			+A11	2017
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
			+A1	2000
			+A2	2013
IEC 60947-1	2007	Low-voltage switchgear and controlgear – Part 1: General rules	–EN 60947-1	2007
+A1	2010		+A1	2011
IEC 60947-4-1	2018	Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters	–EN 60947-4-1	2019
IEC 60947-4-2	2011	Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – AC semiconductor motor controllers and starters	–EN 60947-4-2	2012
IEC 60947-5-2	2007	Low-voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches	–EN 60947-5-2	2007
+ A1	2012		+ A1	2012

EN 62026-2:2013/A1:2019 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-4-2	2008	Electromagnetic compatibility (EMC) Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	-EN 61000-4-2	2009
IEC 61000-4-3	2006	Electromagnetic compatibility (EMC) Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	-EN 61000-4-3	2006
+A1	2007		+A1	2008
+A2	2010		+A2	2010
IEC 61000-4-4	2012	Electromagnetic compatibility (EMC) Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	-EN 61000-4-4	2012
IEC 61131-2	-	Industrial-process measurement and control - Programmable controllers - Part 2: Equipment requirements and tests	EN 61131-2	2007
IEC 61140	-	Protection against electric shock Common aspects for installation and equipment	-EN 61140	2016
IEC 61800-2	-	Adjustable speed electrical power drive systems - Part 2: General requirements - Rating specifications for low voltage adjustable speed a.c. power drive systems	EN 61800-2	2015
CISPR 11	2015	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	EN 55011	2016
+ A1	2016		+ A1	2017
<i>In Annex ZA of EN 62026-2:2013, delete the existing reference to the following publications</i>				
IEC/TS 61915	2003	Low-voltage switchgear and controlgear — Principles for the development of device profiles for networked industrial devices		-
<i>Insert the following new references in Annex ZA:</i>				
IEC 61000-4-6	2013	Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	2014
IEC 61915	series	Low-voltage switchgear and controlgear Device profiles for networked industrial devices	+ AC -EN 61915	2015 series

Annex ZZ (informative)

Relationship between this European standard and the essential requirements of Directive 2014/30/EU [2014 OJ L96] aimed to be covered

This European standard has been prepared under the European Commission standardisation request C(2016) 7641 final of 30.11.2016¹, ('M/552'), as regards harmonised standards in support of Directive 2014/30/EU relating to electromagnetic compatibility, to provide one voluntary means of conforming to essential requirements of Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZZ.1 – Correspondence between this European standard and the Essential Requirements set out in Directive 2014/30/EU [2014 OJ L96]

Essential requirements of Directive 2014/30/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
Annex I. 1(a) (electromagnetic disturbances)	8.6.1, 8.6.3, 9.1.2, 9.5.9.1, 9.5.9.5	
Annex I. 1(b) (electromagnetic immunity)	8.6.1, 8.6.2, 9.1.2, 9.5.9.1, 9.5.9.2, 9.5.9.3, 9.5.9.4	

WARNING 1: Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2: Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

¹ COMMISSION IMPLEMENTING DECISION C(2016) 7641 final of 30.11.2016 on a standardisation request to the European Committee for Standardisation, to the European Committee for Electrotechnical Standardisation and to the European Telecommunications Standards Institute as regards harmonised standards in support of Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.

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IEC 62026-2

Edition 2.0 2019-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
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Part 2: Actuator sensor interface (AS-i)**

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COMMISSION
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INTERNATIONALE

ICS 29.130.20

ISBN 978-2-8322-7101-8

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