



SLOVENSKI STANDARD

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01-februar-2016

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SIST EN 62026-3:2009

**Nizkonapetostne stikalne in krmilne naprave - Vmesniki krmilne naprave (CDIs) - 3.
del: DeviceNet**

Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 3:
DeviceNet

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Appareillage à basse tension - Interfaces appareil de commande-appareil (CDI) - Partie
3: DeviceNet

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29.130.20	Nizkonapetostne stikalne in krmilne naprave	Low voltage switchgear and controlgear
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EUROPEAN STANDARD

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NORME EUROPÉENNE

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Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 3: DeviceNet (IEC 62026-3:2014 + COR1:2015)

Appareillage à basse tension - Interfaces appareil de commande-appareil (CDI) - Partie 3: DeviceNet (IEC 62026-3:2014 + COR1:2015)

Niederspannungsschaltgeräte - Steuerung-Geräte-Netzwerke (CDIs) - Teil 3: DeviceNet (IEC 62026-3:2014 + COR1:2015)

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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.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 17B/1814/CDV, future edition 3 of IEC 62026-3 + Corrigendum March 2015, 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 62026-3:2015.

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) 2015-10-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-09-26

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] 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.

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

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This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

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Endorsement notice

The text of the International Standard IEC 62026-3:2014 + Corrigendum March 2015 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 standards indicated:

IEC 61131-3:2013	NOTE	Harmonized as EN 61131-3:2013.
IEC 61158 (Series)	NOTE	Harmonized as EN 61158 (Series).
IEC 61508 (Series)	NOTE	Harmonized as EN 61508 (Series).
IEC 61784-1	NOTE	Harmonized as EN 61784-1.
IEC 61784-5-2	NOTE	Harmonized as EN 61784-5-2..
ISO/IEC 7498-1:1994	NOTE	Harmonized as EN ISO/IEC 7498-1:1995.

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
			+EN	1993
			60529:1991/corrigendum May 1993	
IEC 60529:1989/A1	1999		EN 60529:1991/A1	2000
IEC 60529:1989/A2	2013		EN 60529:1991/A2	2013
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
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 61000-4-5	2005	Electromagnetic compatibility (EMC) -- Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5	2006
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 61158-4-2	2014	Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements	EN 61158-4-2	2014
IEC 61158-5-2	2014	Industrial communication networks - Fieldbus specifications -- Part 5-2: Application layer service definition - Type 2 elements	EN 61158-5-2	2014

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IEC 61158-6-2	2014	Industrial communication networks - Fieldbus specifications - Part 6-2: Application layer protocol specification - Type 2 elements	EN 61158-6-2	2014
IEC 61784-3-2	-	Industrial communication networks - Profiles -- Part 3-2: Functional safety fieldbuses - Additional specifications for CPF 2	EN 61784-3-2	-
IEC 62026-1	2007	Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) -- Part 1: General rules	EN 62026-1	2007
ISO 11898-1	2003	Road vehicles_ - Controller area network (CAN)_ - Part_1: Data link layer and physical signalling	-	-
ISO 11898-2	2003	Road vehicles_ - Controller area network (CAN)_ - Part_2: High-speed medium access unit	-	-
ANSI B93.55M- 1981		Hydraulic Fluid Power Solenoid-piloted Industrial Valves - Interface Dimensions for Electrical Connectors	-	-
ASTM D 4566-94	-	Standard Test Methods for Electrical Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable	-	-
CISPR 11 (mod)	2009	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	EN 55011	2009
CISPR 11:2009/A1	2010		+prA +AA EN 55011:2009/A1	2010

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Annex ZZ (informative)

Coverage of Essential Requirements of EU Directives

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers protection requirements of Annex I Article 1 of the EU Directive 2004/108/EC.

Compliance with this standard provides presumption of conformity with the specified essential requirements of the Directives concerned.

NOTE: Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.

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NORME INTERNATIONALE



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Part 3: DeviceNet

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