



# SLOVENSKI STANDARD

## SIST EN 62026-7:2013

01-junij-2013

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**Nizkonapetostne stikalne in krmilne naprave - Krmilni mesniki naprave (CDIs) - 7. del: CompoNet (IEC 62026-7:2010, spremenjen)**

Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 7: CompoNet (IEC 62026-7:2010, modified)

Niederspannungsschaltgeräte - Steuerung-Geräte-Netzwerke (CDIs) - Teil 7: CompoNet (IEC 62026-7:2010, modifiziert)

Appareillage à basse tension - Interfaces appareil de commande-appareil (CDI) - Partie 7: CompoNet (IEC 62026-7:2010, modifié)

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29.130.20	Nizkonapetostne stikalne in krmilne naprave	Low voltage switchgear and controlgear
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
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**EN 62026-7**

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English version

**Low-voltage switchgear and controlgear -  
Controller-device interfaces (CDIs) -  
Part 7: CompoNet  
(IEC 62026-7:2010, modified)**

Appareillage à basse tension -  
Interfaces appareil de commande-appareil  
(CDI) -  
Partie 7: CompoNet  
(CEI 62026-7:2010, modifiée)

Niederspannungsschaltgeräte -  
Steuerung-Geräte-Netzwerke (CDIs) -  
Teil 7: CompoNet  
(IEC 62026-7:2010, modifiziert)

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This European Standard was approved by CENELEC on 2012-12-03. 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.

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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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

This document (EN 62026-7:2013) consists of the text of IEC 62026-7:2010 prepared by IEC/SC 17B "Low-voltage switchgear and controlgear" of IEC/TC 17 "Switchgear and controlgear", together with the common modifications prepared by CLC/TC 17B "Low-voltage switchgear and controlgear".

The following dates are fixed:

- latest date by which this document has to be implemented (dop) 2013-12-03  
at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting (dow) 2015-12-03  
with this document have to be withdrawn

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62026-7:2010 are prefixed "Z".

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(s).

For the relationship with EU Directive 2004/108/EC, see informative Annex ZZ, which is an integral part of this document.

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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<http://www.sist-en-62026-7-2013>

## Endorsement notice

The text of the International Standard IEC 62026-7:2010 was approved by CENELEC as a European Standard with agreed common modifications.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61000-4-11	NOTE	Harmonised as EN 61000-4-11.
IEC 61158 series	NOTE	Harmonised in EN 61158 series.
IEC 62026-3:2008	NOTE	Harmonised as EN 62026-3:2009 (not modified).

## COMMON MODIFICATIONS

### 9.2.8.1 General

**Add** the following note at the end of 9.2.8.1:

NOTE The criteria are those listed in the specifications of 8.7.2 "Immunity".

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## 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 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
CISPR 11 (mod)	2009	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	EN 55011	2009
IEC 60512-1	-	Connectors for electronic equipment - Tests and measurements - Part 1: General	EN 60512-1	2001
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May + A1	1991 1993 2000
IEC 61000-4-2	-	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	2009
IEC 61000-4-3	-	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated radio-frequency, electromagnetic field immunity test	EN 61000-4-3 + A1 + A2	2006 2008 2010
IEC 61000-4-4	-	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	EN 61000-4-4 + A1	2004 2010
IEC 61000-4-5	-	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5	2006
IEC 61000-4-6	-	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	2009
IEC 61076-2-101	-	Connectors for electronic equipment - Product requirements - Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking	EN 61076-2-101	2008
IEC 61131-2	-	Programmable controllers - Part 2: Equipment requirements and tests	EN 61131-2	2007

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61158-5-2	2007	Industrial communication networks - Fieldbus specifications - Part 5-2: Application layer service definition - Type 2 elements	EN 61158-5-2 <sup>1)</sup>	2008
IEC 61158-6-2	2007	Industrial communication networks - Fieldbus specifications - Part 6-2: Application layer protocol specification - Type 2 elements	EN 61158-6-2 <sup>2)</sup>	2008
IEC 61918	2010	Industrial communication networks - Installation of communication networks in industrial premises	-	-
IEC 62026-1	-	Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 1: General rules	EN 62026-1	2007
ISO/IEC 7498-1	-	Information technology - Open Systems Interconnection - Basic Reference Model: The Basic Model	EN ISO/IEC 7498-1	-

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1) EN 61158-5-2 is superseded by EN 61158-5-2:2012, which is based on IEC 61158-5-2:2010.

2) EN 61158-6-2 is superseded by EN 61158-6-2:2012, which is based on IEC 61158-6-2:2010.

**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 all relevant essential requirements as given in Article 1 of Annex I of Directive 2004/108/EC.

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directive concerned.

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

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IEC 62026-7

Edition 1.0 2010-12

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Low-voltage switchgear and controlgear – Controller-device interfaces (CDIs) –  
Part 7: CompoNet**

**(standards.iteh.ai)**

**Appareillage à basse tension – Interfaces appareil de commande-appareil (CDI) –  
Partie 7: CompoNet**

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