



**SLOVENSKI STANDARD**  
**SIST EN 62026-1:2007**  
**01-december-2007**

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**Nizkonapetostne stikalne in krmilne naprave – Vmesniki krmilnikov (CDIs) – 1. del:  
Splošna pravila (IEC 62026-1:2007)**

Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) -- Part 1:  
General rules (IEC 62026-1:2007)

Niederspannungsschaltgeräte - Steuerung-Geräte-Netzwerke (CDIs) -- Teil 1:  
Allgemeine Festlegungen (IEC 62026-1:2007)

**iTeh STANDARD PREVIEW**

Appareillage a basse tension - Interfaces appareil de commande-appareil (CDI) -- Partie  
1: Regles générales (IEC 62026-1:2007)

[SIST EN 62026-1:2007](https://standards.iteh.ai/catalog/standards/sist/f59d0c91-ac80-41b1-a9ca-821706af5bca/sist-en-62026-1-2007)

**Ta slovenski standard je istoveten z: EN 62026-1:2007**

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**ICS:**

29.130.20	Nizkonapetostne stikalne in krmilne naprave	Low voltage switchgear and controlgear
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**SIST EN 62026-1:2007**

**en,fr,de**

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EUROPEAN STANDARD

**EN 62026-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2007

ICS 29.130.20

English version

**Low-voltage switchgear and controlgear -  
Controller-device interfaces (CDIs) -  
Part 1: General rules  
(IEC 62026-1:2007)**

Appareillage à basse tension -  
Interfaces appareil  
de commande-appareil (CDI) -  
Partie 1: Règles générales  
(CEI 62026-1:2007)

Niederspannungsschaltgeräte -  
Steuerungs-Geräte-Netzwerke (CDIs) -  
Teil 1: Allgemeine Festlegungen  
(IEC 62026-1:2007)

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This European Standard was approved by CENELEC on 2007-09-01. 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.

<https://standards.iteh.ai/catalog/standards/sist/f59d0c91-ac80-41b1-a9ca-62170615b0c8/iec-62026-1-2007>

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat 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 Central Secretariat has the same status as the official versions.

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

**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 17B/1505/CDV, future edition 2 of IEC 62026-1, prepared by SC 17B, Low-voltage switchgear and controlgear, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 62026-1 on 2007-09-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2008-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2010-09-01

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and covers essential requirements of EC Directives EMC (89/336/EEC) and EMC2 (2004/108/EC). See Annex ZZ.

Annexes ZA and ZZ have been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62026-1:2007 was approved by CENELEC as a European Standard without any modification.

[SIST EN 62026-1:2007  
https://standards.iteh.ai/catalog/standards/sist/f59d0c91-ac80-41b1-a9ca-821706a15bca/sist-en-62026-1-2007](https://standards.iteh.ai/catalog/standards/sist/f59d0c91-ac80-41b1-a9ca-821706a15bca/sist-en-62026-1-2007)

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When 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>
IEC 60947-1	2007	Low-voltage switchgear and controlgear - Part 1: General rules	EN 60947-1	2007
IEC 61000-4-2	1995	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	1995
A1	1998		A1	1998
A2	2000		A2	2001
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
IEC 61000-4-4	2004	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	EN 61000-4-4	2004
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	2003	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	2007
+ A1	2004		+ corr. August	2007
+ A2	2006			2007
IEC 61000-6-2	2005	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments	EN 61000-6-2	2005
			+ corr. September	2005
CISPR 11 (mod)	2003	Industrial scientific and medical (ISM) radio-frequency equipment -	EN 55011	2007
+ A1	2004			
A2	2006	Electromagnetic disturbance characteristics - Limits and methods of measurement	A2	2007

**Annex ZZ**  
(informative)

**Coverage of Essential Requirements of EC 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 4 of the EC Directive 89/336/EEC and in Article 1 of Annex I of the EC Directive 2004/108/EC.

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

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

**NOTE** EN 62026-1:2007 does not give presumption of conformity without another part of the standard.

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INTERNATIONAL  
STANDARD  
NORME  
INTERNATIONALE

IEC  
CEI

62026-1

Second edition  
Deuxième édition  
2007-06

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Low-voltage switchgear and controlgear –  
Controller-device interfaces (CDIs) –

Part 1:  
General rules

iTeh STANDARD PREVIEW

Appareillage à basse tension –  
Interfaces appareil de commande-appareil (CDI) –

SIST EN 62026-1:2007

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Partie 1:  
Règles générales



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE  
CODE PRIX

M

For price, see current catalogue  
Pour prix, voir catalogue en vigueur

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR – CONTROLLER-DEVICE INTERFACES (CDIs) –

### Part 1: General rules

#### 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.
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International Standard IEC 62026-1 has been prepared by subcommittee 17B: Low-voltage switchgear and controlgear, of IEC technical committee 17: Switchgear and controlgear.

This second edition of IEC 62026-1 cancels and replaces the first edition published in 2000.

It represents some general updating without technical changes with regard to the previous edition.

The text of this standard is based on the following documents:

CDV	Report on voting
17B/1505/CDV	17B/1544/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.