

**SLOVENSKI STANDARD  
SIST EN 60439-2:2000/A1:2006  
01-januar-2006**

---

GYgHJj ]`b]n\_c bUdYhcgHb]` gH\_Ub]` bUdfUj `E`&"XY. `DcgYVbYnU hYj YnUnV]fU bY  
dcj Yncj U`bY`g]ghYa Y`fhV]fU bUj cX]`U`fH7 `\* \$(` - !& &\$\$#%&\$\$) Ł

Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways)

Niederspannungs-Schaltgerätekombinationen - Teil 2: Besondere Anforderungen an Schienenverteiler

**iTeh STANDARD PREVIEW**

**(standards.iteh.ai)**

Ensembles d'appareillage à basse tension - Partie 2: Règles particulières pour les canalisations préfabriquées

[SIST EN 60439-2:2000/A1:2006](#)

<https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006>

**Ta slovenski standard je istoveten z:** [\*\*EN 60439-2:2000/A1:2005\*\*](#)

---

**ICS:**

29.130.20	Nizkonapetostne stikalne in krmilne naprave	Low voltage switchgear and controlgear
-----------	---	--

**SIST EN 60439-2:2000/A1:2006** en

**iTeh STANDARD PREVIEW  
(standards.iteh.ai)**

[SIST EN 60439-2:2000/A1:2006](#)

<https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006>

EUROPEAN STANDARD

**EN 60439-2/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2005

ICS 29.130.20

English version

**Low-voltage switchgear and controlgear assemblies**  
**Part 2: Particular requirements for busbar trunking systems (busways)**  
 (IEC 60439-2:2000/A1:2005)

Ensembles d'appareillage à basse tension  
 Partie 2: Règles particulières pour  
 les canalisations préfabriquées  
 (CEI 60439-2:2000/A1:2005)

Niederspannung-  
 Schaltgerätekombinationen  
 Teil 2: Besondere Anforderungen  
 an Schienenverteiler  
 (IEC 60439-2:2000/A1:2005)

**iTeh STANDARD PREVIEW**

This amendment A1 modifies the European Standard EN 60439-2:2000; it was approved by CENELEC on 2005-10-01. 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 Central Secretariat or to any CENELEC member.  
[SIST EN 60439-2:2000/A1:2006](http://www.cenelec.eu/standards/standardPreview/60439-2-2000-a1-2006/b9cc2795ecd2/sist-en-60439-2-2000-a1-2006)

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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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 17D/324/FDIS, future amendment 1 to IEC 60439-2:2000, prepared by SC 17D, Low-voltage switchgear and controlgear assemblies, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60439-2:2000 on 2005-10-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2006-07-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2008-10-01

The text of this amendment has been aligned with the content of Amendment A1:2004 to EN 60439-1:1999 where applicable.

Annex ZA has been added by CENELEC.

---

## iTeh STANDARD PREVIEW

Endorsement notice  
(standards.iteh.ai)

The text of amendment 1:2005 to the International Standard IEC 60439-2:2000 was approved by CENELEC as an amendment to the European Standard without any modification.

<https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006>

**Annex ZA**  
(normative)**Normative references to international publications  
with their corresponding European publications****Delete:**

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-2-1/X	1994	Fire hazard testing Part 2-1: Test methods - Glow wire	-	-

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 60439-2:2000/A1:2006  
<https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006>

**iTeh STANDARD PREVIEW  
(standards.iteh.ai)**

[SIST EN 60439-2:2000/A1:2006](#)

<https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006>

**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**60439-2**

2000

AMENDEMENT 1  
AMENDMENT 1  
2005-08

---



---



---

Amendment 1

**Ensembles d'appareillage à basse tension –**

**Partie 2:**

**Règles particulières pour les  
canalisations préfabriquées  
(standards.iteh.ai)**

**Amendment 1**

<https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006>

**Low-voltage switchgear and  
controlgear assemblies –**

**Part 2:**

**Particular requirements for  
busbar trunking systems (busways)**

© IEC 2005 Droits de reproduction réservés — Copyright - all rights reserved

International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland  
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: [inmail@iec.ch](mailto:inmail@iec.ch) Web: [www.iec.ch](http://www.iec.ch)



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

H

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

## FOREWORD

This amendment has been prepared by subcommittee 17D: Low-voltage switchgear and controlgear assemblies, of IEC technical committee 17: Switchgear and controlgear.

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

FDIS	Report on voting
17D/324/FDIS	17D/330/RVD

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

The text of this amendment has been aligned with the content of Amendment 1 (2004) of IEC 60439-1 where applicable.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

**iTeh STANDARD PREVIEW  
(standards.iteh.ai)**

[SIST EN 60439-2:2000/A1:2006](https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006)

Page 9

<https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006>

### 1.2 Normative references

*Delete IEC 60695-2-1 (and its title) from the existing list.*

Page 15

#### 4.9.1 Resistance, reactance and impedance values of the system

*The first correction applies to the French text only.*

*In the NOTE replace “8.2.9” by “8.2.13”.*

#### 4.9.2 Resistance, reactance and impedance values of the system under fault conditions

*This correction applies to the French text only.*

Page 19

**6.1.1.3 Reference ambient air temperature for busbar trunking system**

*This correction applies to the French text only.*

**6.2.11 Mounting conditions for busbar trunking system.**

*This correction applies to the French text only.*

*Add, after Subclause 6.2.12, the following new subclause:*

**6.2.13 Applications with high repetitive overcurrent, for example resistance welding.**

Page 21

**7.1.1.4 Resistance of insulating materials to abnormal heat**

*Replace the whole text by:*

See Subclause 7.1.4 in Amendment 1 to IEC 60439-1.

## iTeh STANDARD PREVIEW (standards.iteh.ai)

**7.1.1.6 Busbar trunking fire barrier unit**

SIST EN 60439-2:2000/A1:2006

*This correction applies to the French text only.  
<https://standards.iteh.ai/catalog/standards/sist/11f44ebb-d7f4-4dd8-bdc3-b9cc2795ecd2/sist-en-60439-2-2000-a1-2006>*

Page 25

**7.1.4 Requirements for the correct connection of tap-off units**

*Replace the sentence above the title by: "Add Subclause 7.1.5 as follows:"*

*Renumber 7.1.4 as 7.1.5.*

**7.1.5 Requirements for busbar trunking with several circuits**

*Replace the sentence above the title by: "Add Subclause 7.1.6 as follows:"*

*Renumber 7.1.5 as 7.1.6.*