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**Skoznjiki za napetosti do 1 kV in tokove od 250 A do 5 kA za transformatorje, polnjene s tekočino**

Bushings up to 1 kV and from 250 A to 5 kA, for liquid filled transformers

Durchführungen bis 1 kV und von 250 A bis 5 kA für flüssigkeitsgefüllte Transformatoren

Traversées jusqu'à 1 kV et de 250 A à 5 kA, pour transformateurs à remplissage de liquide

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**Ta slovenski standard je istoveten z: EN 50386:2010/A1:2013**

SIST EN 50386:2010/A1:2013  
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**ICS:**

|           |                          |                        |
|-----------|--------------------------|------------------------|
| 29.080.20 | Skoznjiki                | Bushings               |
| 29.180    | Transformatorji. Dušilke | Transformers. Reactors |

**SIST EN 50386:2010/A1:2013**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 50386/A1**

August 2013

ICS 29.180

English version

## **Bushings up to 1 kV and from 250 A to 5 kA, for liquid filled transformers**

Traversées jusqu'à 1 kV et de 250 A à 5 kA, pour transformateurs à remplissage de liquide

Durchführungen bis 1 kV und von 250 A bis 5 kA für flüssigkeitsgefüllte Transformatoren

This amendment A1 modifies the European Standard EN 50386:2010; it was approved by CENELEC on 2013-07-01. 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 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.

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# CENELEC

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

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

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## Foreword

This document (EN 50386:2010/A1:2013) has been prepared by CLC/TC 36A "Insulated bushings".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2014-07-01
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2016-07-01

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## 2 Normative references

Replace the reference by the following:

EN 60137:2008, *Insulated bushings for alternating voltages above 1 000 V (IEC 60137:2008)*

Add the following after 3.7

### 3.8 Temperature rise

Bushings  $I_r < 3\,150$  A shall be in accordance with the maximal temperature rise given in EN 60137:2008, Table 2.

Bushings  $I_r \geq 3\,150$  A: the maximum temperature rise is 5 K more than the figures stated in EN 60137:2008, Table 2.

Test results will be influenced by test method and external connection arrangement; these will be agreed between purchaser and supplier.

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