
Wrought aluminium and aluminium alloy enclosures for gas-filled high-voltage switchgear and controlgear - Amendment A1

Wrought aluminium and aluminium alloy enclosures for gas-filled high-voltage switchgear and controlgear

Kapselungen aus Aluminium und Aluminium-Knetlegierungen für gasgefüllte Hochspannungs-Schaltgeräte und -Schaltanlagen

Enveloppes en aluminium et alliage d'aluminium corroyé pour l'appareillage à haute tension sous pression de gaz

[SIST EN 50064:1998/A1:1998](https://standards.iteh.ai/catalog/standards/sist/12d7a38a-952e-4d39-b9c1-34733d8c5806/sist-en-50064-1998-a1-1998)

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Ta slovenski standard je istoveten z: EN 50064:1998/A1:1993

ICS:

29.130.10	Visokonapetostne stikalne in krmilne naprave	High voltage switchgear and controlgear
77.150.10	Aluminijski izdelki	Aluminium products

SIST EN 50064:1998/A1:1998

en

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EUROPEAN STANDARD

EN 50064/A1

NORME EUROPEENNE

EUROPÄISCHE NORM

August 1993

UDC: 621.316.3-213.34-034.715

Descriptors: Enclosure, high-voltage switching device, H.V.
metal-enclosed switchgear and controlgear, pressurized
enclosure, welded part, wrought aluminium alloy part

Amendment A1 to the English version of EN 50064

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This amendment A1 modifies the European Standard EN 50064:1989.
It was approved by CENELEC on 1993-07-06. 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.

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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy,
Luxembourg, Netherlands, Norway, Portugal, 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

This amendment was prepared by CENELEC Technical Committee TC17C, High-voltage enclosed switchgear and controlgear.

The text of the draft was submitted to the voting procedure in March 1993 and was approved by CENELEC as amendment A1 to EN 50064:1989 on July 6, 1993.

The following dates were accepted:

- latest date of publication of an identical national standard (dop) 1994-10-01
- latest date of withdrawal of conflicting national standards (dow) 1994-10-01

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TEXT OF AMENDMENT

Clause 2.1 Type of equipment (page 3) EN 50064:1998/A1:1998

<https://standards.iteh.ai/catalog/standards/sist/12d7a38a-952e-4d39-b9c1-3473283c0000/en-50064-1998-a1>

The first paragraph has to be changed as follows (new text in bold letters):

..... of high-voltage switchgear and controlgear, **where the gas is used principally for its dielectric and/or arc-quenching properties, with rated voltages.**

- **1 kV and up to and including 52 kV and with gas-filled compartments with design pressure greater than 3 bar (gauge);**
- **and with rated voltage 72,5 kV and above.**

Clause 4 (page 4):

From the text of Note 2 has to be deleted the following:

..... "such as compressed asbestos fibre".

Table 7 (pages 34 and 35)

The table has to be amended by two additional notes:

NOTE 3: Multiple imperfections contained within the same weld, either superimposed, which are individually acceptable as isolated imperfections may be considered acceptable provided that investigation shows that there is nothing fundamentally wrong with the welding procedure.

NOTE 4: It should be appreciated that the details given in this Table are being used for approval testing of welding procedures, and as such, may be different from those specified for a particular application.

Clause 7.5.3.1 (page 35)

In the NOTE, first line the word "should" has to be changed into "shall".

Clause B.6.1 (page 41)

In the 4th paragraph, line 2, "B.6.3.3" has to be changed into "B.6.3".

Annex D (pages 48 and 49)

The National Deviations have to be amended by two Swedish A-Deviations as follows:

Clause	Member (regulation)
Clause 1	<p>Sweden (Applied practice in accordance with the Work Environmental Act SFS 1977:1169)</p> <p>SIST EN 50064:1998/A1:1998</p> <p>All precipitation hardenable materials in table 1 should be excluded.</p>
Clause 4	<p>Sweden (Applied practice in accordance with the Work Environmental Act SFS 1977:1169)</p> <p>Only non-alloy aluminium or non-age hardening aluminium alloys are permissible.</p>