

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

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voltage switchgear and controlgear

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50052:2002 sisaldab Euroopa standardi EN 50052:1986 + A2:1993 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50052:2002 consists of the English text of the European standard EN 50052:1986 + A2:1993.</p> <p>This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This standard applies to cast aluminium alloy enclosures pressurized with dry air, inert gases, for example sulphur hexafluoride or nitrogen or a mixture of such gases, used in indoor or outdoor installations of high voltage switchgear and controlgear with rated voltages above 1 kV, where the gas is used principally for its dielectric and/or arc-quenching properties.</p>	<p>Scope:</p> <p>This standard applies to cast aluminium alloy enclosures pressurized with dry air, inert gases, for example sulphur hexafluoride or nitrogen or a mixture of such gases, used in indoor or outdoor installations of high voltage switchgear and controlgear with rated voltages above 1 kV, where the gas is used principally for its dielectric and/or arc-quenching properties.</p>
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English version

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

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

Kapselungen aus Leichtmetallguss für
gasgefüllte Hochspannungs-Schaltgeräte
und -Schaltanlagen

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CENELEC

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

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Foreword

This European Standard has been prepared by CENELEC Technical Committee 17C: High voltage enclosed switchgear and controlgear. It is based on Amendment No. 2 to IEC Publication 517 (1975) which gives, however, only general guidance not sufficient for the service allowance of pressurized high-voltage switchgear and controlgear.

The present EN has been written to get an international specification for the design, construction, testing, inspection and certification of pressurized enclosures used in high-voltage switchgear and controlgear.

This standard follows to that extent also, Article 2 of the Directive 76/767/EEC.

This standard deals only with cast aluminium alloy enclosures. Other standards for metallic enclosures are under consideration and will be issued progressively.

Reference is made to IEC Publication 517 (1975):

High-voltage metal-enclosed switchgear for rated voltages of 72,5 kV and above (HD 358)

with its Amendments No. 1 (1977), No. 2 (1982) and No. 3 (1983).

This European Standard contains a normative technical Annex A: Welder performance test.

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