

<b>STN</b>	<p style="text-align: center;"><b>Točivé elektrické stroje</b> <b>Časť 18-42: Elektrické izolačné systémy (Typ II)</b> <b>odolné proti čiastočným výbojom používané v</b> <b>točivých elektrických strojoch napájaných z</b> <b>meničov napäťia</b> <b>Kvalifikačné skúšky</b> <b>Zmena A1</b></p>	<p><b>STN</b> <b>EN</b> <b>60034-18-42/A1</b></p>
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Rotating electrical machines - Part 18-42: Partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters - Qualification tests

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/21

STN EN 60034-18-42 z októbra 2017 sa bez tejto zmeny A1 môže používať do 22. 9. 2023.

Obsahuje: EN 60034-18-42:2017/A1:2020, IEC 60034-18-42:2017/AMD1:2020

**132309**



**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 60034-18-42:2017/A1**

October 2020

ICS 29.160.01

English Version

**Rotating electrical machines - Part 18-42: Partial discharge  
resistant electrical insulation systems (Type II) used in rotating  
electrical machines fed from voltage converters - Qualification  
tests**

(IEC 60034-18-42:2017/A1:2020)

Machines électriques tournantes - Partie 18-42: Systèmes  
d'isolation électrique résistants aux décharges partielles  
(Type II) utilisés dans des machines électriques tournantes  
alimentées par convertisseurs de tension - Essais de  
qualification  
(IEC 60034-18-42:2017/A1:2020)

Drehende elektrische Maschinen - Teil 18-42:  
Teilentladungsresistente Isoliersysteme (Typ II) von  
drehenden elektrischen Maschinen, die von  
Spannungsumrichtern gespeist werden -  
Qualifizierungsprüfungen  
(IEC 60034-18-42:2017/A1:2020)

This amendment A1 modifies the European Standard EN 60034-18-42:2017; it was approved by CENELEC on 2020-09-22. 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.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

**EN 60034-18-42:2017/A1:2020 (E)****European foreword**

The text of document 2/1998/FDIS, future IEC 60034-18-42/A1, prepared by IEC/TC 2 "Rotating machinery" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60034-18-42:2017/A1:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-06-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-09-22

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The text of the International Standard IEC 60034-18-42:2017/A1:2020 was approved by CENELEC as a European Standard without any modification.



IEC 60034-18-42

Edition 1.0 2020-08

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

### AMENDMENT 1

### AMENDEMENT 1

#### **Rotating electrical machines –**

**Part 18-42: Partial discharge resistant electrical insulation systems (Type II)  
used in rotating electrical machines fed from voltage converters – Qualification  
tests**

#### **Machines électriques tournantes –**

**Partie 18-42: Systèmes d'isolation électrique résistants aux décharges partielles  
(Type II) utilisés dans des machines électriques tournantes alimentées par  
convertisseurs de tension – Essais de qualification**



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IEC Central Office  
 3, rue de Varembé  
 CH-1211 Geneva 20  
 Switzerland

Tel.: +41 22 919 02 11  
[info@iec.ch](mailto:info@iec.ch)  
[www.iec.ch](http://www.iec.ch)

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## FOREWORD

This amendment has been prepared by IEC Technical Committee 2: Rotating machinery.

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

FDIS	Report on voting
2/1998/FDIS	2/2008/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 committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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