

Elektrisk motordrevet håndværktøj, transportabelt værktøj og plæne- og havebrugsmaskiner – Sikkerhed – Del 2-11: Særlige krav til håndholdte frem- og tilbagegående save

Electric motor-operated hand-held tools, transportable tools
and lawn and garden machinery – Safety – Part 2-11: Particular
requirements for hand-held reciprocating saws

DANSK STANDARD
Danish Standards Association

Göteborg Plads 1
DK-2150 Nordhavn

Tel: +45 39 96 61 01
dansk.standard@ds.dk
www.ds.dk

This is a preview of "DS/EN 62841-2-11:201...". Click here to purchase the full version from the ANSI store.

DS projekt: M314058
ICS: 25.140.20; 25.140.30

Første del af denne publikations betegnelse er:
DS/EN, hvilket betyder, at det er en europæisk standard, der har status som dansk standard.

Denne publikations overensstemmelse er:
IDT med: IEC 62841-2-11:2015/AMD1:2018
IDT med: EN 62841-2-11:2016/A1:2020

DS-publikationen er på engelsk.

DS-publikationstyper

Dansk Standard udgiver forskellige publikationstyper.
Typen på denne publikation fremgår af forsiden.

Der kan være tale om:

Dansk standard

- standard, der er udarbejdet på nationalt niveau, eller som er baseret på et andet lands nationale standard, eller
- standard, der er udarbejdet på internationalt og/eller europæisk niveau, og som har fået status som dansk standard

DS-information

- publikation, der er udarbejdet på nationalt niveau, og som ikke har opnået status som standard, eller
- publikation, der er udarbejdet på internationalt og/eller europæisk niveau, og som ikke har fået status som standard, fx en teknisk rapport, eller
- europæisk præstandard

DS-håndbog

- samling af standarder, eventuelt suppleret med informativt materiale

DS-hæfte

- publikation med informativt materiale

Til disse publikationstyper kan endvidere udgives

- tillæg og rettelsesblade

DS-publikationsform

Publikationstyperne udgives i forskellig form som henholdsvis

- fuldtekstpublikation (publikationen er trykt i sin helhed)
- godkendelsesblad (publikationen leveres i kopi med et trykt DS-omslag)
- elektronisk (publikationen leveres på et elektronisk medie)

DS-betegnelse

Alle DS-publikationers betegnelse begynder med DS efterfulgt af et eller flere præfikser og et nr., fx **DS 383**, **DS/EN 5414** osv. Hvis der efter nr. er angivet et **A** eller **Cor**, betyder det, enten at det er et **tillæg** eller et **rettelsesblad** til hovedstandard, eller at det er indført i hovedstandard.

DS-betegnelse angives på forsiden.

Overensstemmelse med anden publikation:

Overensstemmelse kan enten være IDT, EQV, NEQ eller MOD

- **IDT:** Når publikationen er identisk med en given publikation.
- **EQV:** Når publikationen teknisk er i overensstemmelse med en given publikation, men præsentationen er ændret.
- **NEQ:** Når publikationen teknisk eller præsentationsmæssigt ikke er i overensstemmelse med en given standard, men udarbejdet på baggrund af denne.
- **MOD:** Når publikationen er modificeret i forhold til en given publikation.

This is a preview of "DS/EN 62841-2-11:2016/A1". Click here to purchase the full version from the ANSI store.

EUROPÄISCHE NORM

May 2020

ICS 25.140.20; 25.140.30

English Version

Electric motor-operated hand-held tools, transportable tools and
lawn and garden machinery - Safety - Part 2-11: Particular
requirements for hand-held reciprocating saws
(IEC 62841-2-11:2015/A1:2018)

Outils électroportatifs à moteur, outils portables et machines
pour jardins et pelouses - Sécurité - Partie 2-11: Exigences
particulières pour les scies alternatives portatives
(IEC 62841-2-11:2015/A1:2018)

Elektrische motorbetriebene handgeführte Werkzeuge,
transportable Werkzeuge und Rasen- und
Gartenmaschinen - Sicherheit - Teil 2-11: Besondere
Anforderungen für handgeführte hin- und hergehende
Sägen (Stichsägen und Säbelsägen)
(IEC 62841-2-11:2015/A1:2018)

This amendment A1 modifies the European Standard EN 62841-2-11:2016; it was approved by CENELEC on 2018-02-23. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

This is a preview of "DS/EN 62841-2-11:201...". [Click here to purchase the full version from the ANSI store.](#)

European foreword

The text of document 116/353/FDIS, future IEC 62841-2-11/A1, prepared by IEC/TC 116 "Safety of motor-operated electric tools" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62841-2-11:2016/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) 2020-11-29
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-05-29

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s), see informative Annex ZZ, included in this document.

Endorsement notice

The text of the International Standard IEC 62841-2-11:2015/A1:2018 was approved by CENELEC as a European Standard without any modification.

This is a preview of "DS/EN 62841-2-11:201...". Click here to purchase the full version from the ANSI store.

(informative)

Relationship between this European Standard and the essential requirements of Directive 2006/42/EC [2006 OJ L157] aimed to be covered

This European Standard has been prepared under a Commission's standardisation request M/396 to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZZ.1 — Correspondence between this European Standard and Annex I of Directive 2006/42/EC

Essential Requirements of Directive 2006/42/EC Clause numbers of Annex I	Clause(s) / sub-clause(s) of this EN	Remarks / Notes:
1.1.2 (Principles of safety integration)	4	
1.1.3 (Materials and products)	5, 6.1, 21.6, K/L.5, L.21	
1.1.5 (Design of machinery to facilitate its handling)	19.4	
1.1.6 (Ergonomics)	5, 19.5, 21.18.1, K/L.5, L.21	
1.2.1 (Safety and reliability of control systems)	5, 18.6, 18.8, 23.1.6, 23.1.10, 23.1.11, 23.3, K/L.5, K.18.6, K/L.18.8, K/L.23.1.10, K.23.1.201, L.18	
1.2.2 (Control devices)	5, 8.5, 8.9, 8.10, 8.11, 21.1, 21.2, 21.4, 21.17, 21.18, K/L.5, K.21.17.1.2, L.21	
1.2.3 (Starting)	5, 21.17, K/L.5, K.21.17.1.2, L.21	
1.2.4.1 (Normal stop)	5, 21.17, K/L.5, K.21.17.1.2, L.21	
1.2.6 (Failure of the power supply)	5, 21.18.1.Z1, 23.3, K/L.5, L.21	
1.3.2 (Risk of break-up during operation)	5, 8.14.2 c), 13.1, 14.4, 17., 20, 21.23, 24.11, 24.12, 24.13, 27, K/L.5, K/L.13.1, K/L.17, K/L.20, K/L.24.201, K.27.1, L.21	
1.3.3 (Risk due to falling or ejected objects)	5, 18.3, K/L.5, L.18	

This is a preview of "DS/EN 62841-2-11:201...". [Click here to purchase the full version from the ANSI store.](#)

Directive 2006/42/EC Clause numbers of Annex I	of this EN	
1.3.4 (Risks due to surfaces, edges or angles)	19.2, 19.101, 21.24, L.21	
1.3.7 (Risks related to moving parts)	5, 19.1, 19.3, K/L.5	
1.3.8.1 (Moving transmission parts)	5, 19.1, 19.3, K/L.5	
1.3.8.2 (Moving parts involved in the process)	5, 19.1, K/L.5	
1.4.1 (General requirements (for guards and protective devices))	5, 19.1, 19.101, 20.1, 20.2, 20.3, 20.4, 21.22, K/L.5, K.20.1, K.20.3, L.20, L.21	
1.4.2.1 (Special requirements for fixed guards)	5, 19.1, 19.9, K/L.5	
1.4.2.3 (Special requirements for adjustable guards restricting access)	5, 19.1, K/L.5	
1.5.1 (Risks due to electricity supply)	5, 7, 9, 10, 11, 12, 14, 15, 16, 17, 18.1 - 18.7, 20.5, 21.3, 21.5 - 21.16, 21.19 - 21.22, 21.25 - 21.34, 22, 23.1.1 - 23.1.5, 23.1.7 - 23.1.9, 23.2, 23.4, 23.5, 24, 25, 26, 27, 28, K/L.5, K.7, K/L.9, K/L.10, K/L.11, K/L.12, K/L.14, K/L.16, K/L.17, K.18.1 - K.18.7, K.21.5 - K.21.16, K.21.19 - K.21.22, K.21.25 - K.21.34, K/L.22, K/L.24, K/L.25, K/L.26, K.27.1, K/L.28.1, K.28.2, L.7.1, L.18, L.18.201, L.20, L.21, Annex C	
1.5.4 (Risks due to errors of fitting)	5, 8.7, 8.8, 8.13, 8.14.2, 21.7, 21.8, 21.19, 27.1, K/L.5, K.8.7, K.8.8, K/L.19.201, K/L.21.201, K/L.21.203, K.27.1, L.21	
1.5.5 (Risks due to extreme temperatures)	5, 12.5, K/L.5, K.12.1	
1.5.6 (Risks due to fire)	5, 13, 18.1, 18.2, 18.4, 18.6, 28.1, K/L.5, K/L.12.201, K/L.13, K.18.1, K.18.6, K/L.18.201, K/L.18.202, K/L.18.203, K.20.3, K/L.21.201, K/L.21.203, K/L.23.201, K/L.23.202, K/L.28.1, L.18, L.18.204, L.20.201, L.20.202, L.28.201	
1.5.7 (Risks due to explosion)	5, K/L.5, K/L.12.201, K.18.201, K/L.18.202, K/L.18.203, K/L.19.202, K.20.1, K.20.3, K/L.21.202, K/L.21.203, L.18.204, L.20.201, L.20.202	

This is a preview of "DS/EN 62841-2-11:201...". [Click here to purchase the full version from the ANSI store.](#)

Directive 2006/42/EC Clause numbers of Annex I	of this EN	
1.5.8 (Risks due to noise)	I.2.Z1	
1.5.9 (Risks due to vibrations)	I.3.Z1	
1.5.10 (Risks due to radiation)	5, 6.1, 6.3, K/L.5	
1.5.11 (Risks due to external radiation)	5, 18.8, K/L.5, K/L.18.8	
1.5.12 (Risks due to laser radiation)	6.2	
1.6.1 (Machinery maintenance)	24.1, K/L.21.18.Z101	
1.6.3 (Isolation of energy sources)	24.1, K.21.18.Z101, L.21.18.Z101	
1.7.1 (Information and warnings on machinery)	8.1, 8.2, 8.4, 8.6, K/L.8.1, K/L.8.4	
1.7.2 (Warning of residual risks)	8.2	
1.7.3 (Marking of machinery)	8.3, 8.4, 8.12, K/L.8.3, K/L.8.4	
1.7.4 (Instructions)	8.14, K/L.8.14.1.1, K.8.14.1.101, K/L.8.14.2	
2.2.1 (General requirements for portable hand-held and/or hand-guided machinery)	5, 19.4, 19.5, 21.18.1, K/L.5, L.21	
2.2.1.1 (Instructions for portable hand-held and/or hand-guided machinery)	5, 8.14.2 Za) 3), I.3.6.2, K/L.5	

WARNING 1: Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2: Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

This is a preview of "DS/EN 62841-2-11:201...". [Click here to purchase the full version from the ANSI store.](#)

This is a preview of "DS/EN 62841-2-11:201...". Click here to purchase the full version from the ANSI store.



Edition 1.0 2018-01

INTERNATIONAL STANDARD

AMENDMENT 1

**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –
Part 2-11: Particular requirements for hand-held reciprocating saws**



This is a preview of "DS/EN 62841-2-11:201...". Click here to purchase the full version from the ANSI store.



THIS PUBLICATION IS COPYRIGHT PROTECTED

Copyright © 2018 IEC, Geneva, Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either IEC or IEC's member National Committee in the country of the requester. If you have any questions about IEC copyright or have an enquiry about obtaining additional rights to this publication, please contact the address below or your local IEC member National Committee for further information.

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

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

About the IEC

The International Electrotechnical Commission (IEC) is the leading global organization that prepares and publishes International Standards for all electrical, electronic and related technologies.

About IEC publications

The technical content of IEC publications is kept under constant review by the IEC. Please make sure that you have the latest edition, a corrigenda or an amendment might have been published.

IEC Catalogue - webstore.iec.ch/catalogue

The stand-alone application for consulting the entire bibliographical information on IEC International Standards, Technical Specifications, Technical Reports and other documents. Available for PC, Mac OS, Android Tablets and iPad.

IEC publications search - webstore.iec.ch/advsearchform

The advanced search enables to find IEC publications by a variety of criteria (reference number, text, technical committee,...). It also gives information on projects, replaced and withdrawn publications.

IEC Just Published - webstore.iec.ch/justpublished

Stay up to date on all new IEC publications. Just Published details all new publications released. Available online and also once a month by email.

Electropedia - www.electropedia.org

The world's leading online dictionary of electronic and electrical terms containing 21 000 terms and definitions in English and French, with equivalent terms in 16 additional languages. Also known as the International Electrotechnical Vocabulary (IEV) online.

IEC Glossary - std.iec.ch/glossary

67 000 electrotechnical terminology entries in English and French extracted from the Terms and Definitions clause of IEC publications issued since 2002. Some entries have been collected from earlier publications of IEC TC 37, 77, 86 and CISPR.

IEC Customer Service Centre - webstore.iec.ch/csc

If you wish to give us your feedback on this publication or need further assistance, please contact the Customer Service Centre: sales@iec.ch.

This is a preview of "DS/EN 62841-2-11:201...". Click here to purchase the full version from the ANSI store.



Edition 1.0 2018-01

INTERNATIONAL STANDARD

AMENDMENT 1

**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –
Part 2-11: Particular requirements for hand-held reciprocating saws**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 25.140.20; 25.140.30

ISBN 978-2-8322-5240-6

Warning! Make sure that you obtained this publication from an authorized distributor.

FOREWORD

This amendment has been prepared by IEC technical committee 116: Safety of motor-operated electric tools.

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

FDIS	Report on voting
116/353/FDIS	116/360/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 amendment and the base 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

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

A bilingual version of this publication may be issued at a later date.

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 36 months from the date of publication.
