

SLOVENSKI STANDARD
SIST EN 60745-2-3:2011/A11:2014
01-september-2014

Električna ročna orodja - Varnost - 2-3. del: Posebne zahteve za brusilnike, polirnike in diskovne brusilnike - Dopolnilo A11

Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders

Handgeführte motorbetriebene Elektrowerkzeuge - Sicherheit - Teil 2-3: Besondere Anforderungen für Schleifer, Polierer und Schleifer mit Schleifblatt

Outils électroportatifs à moteur - Sécurité - Partie 2-3: Règles particulières pour les meuleuses, lustreuses et ponceuses du type à disque

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Ta slovenski standard je istoveten z: EN 60745-2-3:2011/A11:2014

ICS:

25.080.50	Brusilni in polirni stroji	Grinding and polishing machines
25.140.20	Električna orodja	Electric tools

SIST EN 60745-2-3:2011/A11:2014 **en**

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EUROPEAN STANDARD

EN 60745-2-3:2011/A11

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2014

ICS 25.140.20

English Version

Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders

Outils électroportatifs à moteur - Sécurité - Partie 2-3:
Règles particulières pour les meuleuses, lustreuses et
ponceuses du type à disque

Handgeführte motorbetriebene Elektrowerkzeuge -
Sicherheit - Teil 2-3: Besondere Anforderungen für
Schleifer, Polierer und Schleifer mit Schleifblatt

This amendment A11 modifies the European Standard EN 60745-2-3:2011; it was approved by CENELEC on 2014-04-21. 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.

SIST EN 60745-2-3:2011/A11:2014

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN 60745-2-3:2011/A11:2014) has been prepared by CLC/TC116 "Safety of motor-operated electric tools".

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) 2015-04-21
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2016-04-21

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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 see informative Annex ZZ, included in EN 60745-2-3:2011.

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21 Construction

Replace the existing Subclause 21.18.1 by the following:

21.18.1 Replacement:

The switch shall be of momentary contact type.

For single phase grinders, either

- the mains switch shall automatically switch off the motor as soon as the actuating member of the switch is released and shall have no locking arrangement in the “on” position,

or

- the tool shall not restart after an interruption of the mains supply without releasing and re-actuating the switch. In this case, a lock-on device is allowed, provided that, two dissimilar actions are necessary to lock the switch in the “on” position. In addition, only a single motion to the actuating member of the switch shall be required for the switch to automatically return to the “off” position. The restart prevention device shall have a Safety Integrity Level SIL 1, in accordance with EN 62061, or a performance level PL = b in accordance with EN ISO 13849-1.

For all other tools, a lock-on device is allowed provided that two dissimilar actions are necessary to lock the switch in the “on” position. In addition, only a single motion to the actuating member of the switch shall be required for the switch to automatically return to the “off” position.

Compliance is checked by inspection and manual test.

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