

**DMMS IEC 62841-2-5:2014-Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-5: Particular requirements for hand-held circular saws**

**Abstract**

IEC 62841-2-5:2014 applies to hand-held circular saws. This standard does not apply to saws designed for use with abrasive wheels. Saws designed for use with abrasive wheels as cut-off machines are covered by IEC 62841-2-22. The rated voltage is not more than 250 V for single-phase a.c. or d.c. tools, and 480 V for three-phase a.c. tools. The rated input is not more than 3 700 W. The limits for the applicability of this standard for battery tools is given in Annex K. This standard deals with the hazards presented by tools which are encountered by all persons in the normal use and reasonably foreseeable misuse of the tools. Hand-held electric tools, which can be mounted on a support or working stand for use as fixed tools without any alteration of the tool itself, are within the scope of this standard and such combination of a hand-held tool and a support is considered to be a transportable tool and thus covered by the relevant Part 3. 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 IEC 62841-2- 5:2014 Identical Adoption 9 committee that the content of this publication be adopted for implementation nationally not earlier than 36 months from the date of publication. Key words: Saw, Circular, Cutting, This publication is to be read in conjunction with IEC 62841- 1:2014.