

DMMS IEC 62841-2-17:2017- Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-17: Particular requirements for hand-held routers

Abstract

IEC 62841-2-17:2017 applies to routers intended for cutting slots into or shaping the edge of various materials. 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 IEC 62841-2- 17:2017 Identical Adoption 11 W. The limits for the applicability of this standard for battery tools are given in K.1 and L.1. 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.

This part of IEC 62841 does not apply to jointers.

Routers that are primarily used for trimming the edge of materials are also known as trimmers.

Routers that are used to cut various materials through the rotary action are also known as rotary cutters.

This Part 2-17 is to be used in conjunction with the first edition of IEC 62841-1:2014.

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.