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UL 6059

OUTLINE OF INVESTIGATION
FOR
PARTICULAR REQUIREMENTS FOR SWITCHES FOR TOOLS

Issue Number 1

January 11, 2012

Summary of Topics

This is the first issue of the Outline of Investigation for Particular Requirements for Switches for Tools, UL 6059.

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ANNEXES

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1 Scope

This clause of Part 1 is applicable except as follows:

1.1 *Addition:*

Switches for an ambient temperature up to and including 55°C. Switches are not rated using thermal current, therefore Table 15 does not apply.

NOTE When "Part 1" is mentioned in this outline, it refers to the **Standard for Switches for Appliances – Part 1: General Requirements, UL 61058-1**.

Addition of clauses:

1.101 This document is based on the Standard for Switches for Appliances – Part 1: General Requirements, UL 61058-1. The clauses outlined below are intended to address the specific minimum requirements for switches incorporated into or integrated with portable/transportable power tools, and gardening machinery in accordance with the Standard for Hand-Held Motor-Operated Electric Tools – Safety – Part 1: General Requirements, UL 60745-1. If the switch complies with the Standard for Switches for Appliances – Part 1: General Requirements, UL 61058-1 and is suitable for use in tools under the scope of the Standard for Hand-Held Motor-Operated Electric Tools – Safety – Part 1: General Requirements, UL 60745-1, the switch is considered in compliance with these requirements and additional testing is not required. Electronic switches shall be provided with at least one series contact in the load path.

1.102 The National Differences, including all clauses, tables, figures, and annexes, in the Standard for Switches for Appliances – Part 1: General Requirements, UL 61058-1, do not apply.

2 Normative references

This clause of Part 1 is applicable.

3 Definitions

This clause of Part 1 is applicable.

4 General requirements

This clause of Part 1 is applicable.

5 General notes on tests

This clause of Part 1 is applicable.

6 Rating

This clause of Part 1 is applicable.

7 Classification

This clause of Part 1 is applicable.

8 Marking and documentation

This clause of Part 1 is applicable except as follows:

8.1 Addition:

Switches declared for use in appliances such as power tools are considered unique type (U.T.) when referencing Table 3.

Replacement of Table 3:

Table 3 – SWITCH information

Characteristic	Means of information
	UNIQUE TYPE REFERENCE U.T.
SWITCH IDENTIFICATION	
Manufacturer's name or trade mark	Marking (Ma)
Type reference	Marking (Ma)
Type of appliance for which switch shall be used (power tool and/or gardening machinery)	Documentation (Do)
Number of OPERATING CYCLES	Documentation (Do)

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