

## Standard Information

**Standard Number:** UL 20 / CSA C22.2 No. 111

**Standard Name:** General-Use Snap Switches

**Standard Edition and Issue Date:** UL 20 13<sup>th</sup> Ed. / CSA-C22.2 No. 111 4<sup>th</sup> Ed. Dated February 17, 2012

**Date of Revisions:** February 17, 2012

**Date of Previous Revisions to Standard:** UL 20 13<sup>th</sup> Ed. / CSA-C22.2 No. 111 4<sup>th</sup> Ed. Dated May 10, 2010

## Effective Date of New/Revised Requirements

**Effective Date (see Processing Schedule below):** June 30, 2017

## Impact, Overview, Fees and Action Required

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date of **June 30, 2017** unless the product is found to comply with new/revised requirements.

**Overview of Changes:** Major changes to Scope, construction requirements, and tests. Summarized details of new/revised requirements are found in table below.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

**Fees:** So that production of products bearing the Listing Mark will not be interrupted, a quote will be issued for the Applicant to work with their local Intertek Lab to determine the necessary test program, sampling requirement and needed construction details and/or updated marking/instruction details.

### Client Action Required:

**Information** – To assist our Intertek Engineer with review of your Certification Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements not apply to your product (s).

**Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.**

## Description of New/Revised Technical Requirements

Clause	Verdict	Comment
1	Info	<b>Scope Expansion : Addition of the following switch types:</b>
-	-	-
1	-	Through cord and Pendant switches
1	-	Self-contained switches
1	-	AC/DC Fixture switches
1	-	Momentary contact door switches
2.11	Info	<b>New definitions (Terminal insulation displacement &amp; pin type)</b>
-	-	-
-	-	Construction changes: Addition of the following new construction requirements:
-	-	-
4.1.2		New requirement for key operated switch
4.1.10		New requirement for door switch (outlet box and cover plate must now be provided)
4.3		New requirements for bushings and strain reliefs
4.4.3.3		New test for sealing compounds (ASTM E 28-99)
4.9		Spacing requirements have been modified
4.5.3.3, 5.11		New requirements for Push in (screwless) terminals
4.5.1.2, 4.5.3.9 – 4.5.3.12, 4.5.3.23 – 4.5.3.25 Table 7		New requirements for Terminal plates
4.6		New Requirements for separable terminal assembly
4.11.7		Easement of requirements for Ground lead size
Table 5		Polarity identification for lead wires
4.9		New requirements for Creepage Distances, Clearances and Distances through sealing compounds
4.11.1, 4.11.2		New requirements for provision for grounding (Flush type intended for mounting in flush device box)
4.11.4		Identification of grounding terminals now required
-	-	-

# Standards Update Notice (SUN)

Issued: September 27, 2016

-	-	<b>New Tests: Addition of the following new tests:</b>
-	-	-
5.11.1 5.11.2		Pull out / Push in terminals
5.11.3 – 5.11.8		Temperature Push in Terminals
5.17		Resistance to Heat (old UL Mold Stress)
5.8.2		15 Day Temperature (Pin type terminals)
5.14.2		Strain Relief (30 day conditioning)
5.15		Fault current
5.13.1.2		Contact Gap
5.4		Assembly Test for pendant and through cord switches
5.18		Door switch assembly test
5.19		Retention of Tab Connection Test
5.1.4		Separable connector / terminal assembly test program
5.2.11		Self-contained devices new test program
5.6.4 Table 11		Increase current values for HP overload testing for 2 & 3 phase motor ratings
5.7.1 – 5.7.6		Increase cycle requirements for endurance testing of pendant switch (increased to 30,000 cycles from previous 6000 cycles)
5.9.2.1		Minor change to dielectric testing (pendant switches test value increased to 1250V from the previous 1000V)
-	-	-
-	-	<b>Markings:</b>
7		Minor changes to marking requirement
-	-	-
-	-	<b>CUSTOMERS PLEASE NOTE:</b> This Table and column “Verdict” can be used in determining how your current or future production is or will be in compliance with the new/revised requirements.