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# UL 20

## STANDARD FOR SAFETY

### General-Use Snap Switches



UL Standard for Safety for General-Use Snap Switches, UL 20

Fourteenth Edition, Dated July 20, 2018

### **Summary of Topics**

***This revision of ANSI/UL 20 dated January 26, 2021 includes the following changes in requirements:***

- ***Manufacturer's Terminal Tightening Torque; [7.1.13](#)***
- ***Correct Typos / Omissions for 277v Motor Ratings for 15 and 20 amp Switches; [Table 20](#)***
- ***Marking Location; [7.3.3](#)***
- ***Voltage Markings on AC-ONLY Switches Incorporating Locator or Pilot Indicators; [Table 19](#), [Table 20](#) and [7.2.5](#)***
- ***Ground Screws; [4.12.2](#) and [7.1.14](#)***
- ***Wiring Diagram for Switches; [2.10](#), [2.22](#) and [Figure 9](#)***
- ***Editorial corrections; [3.1.1](#) and [5.18.1](#)***

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated April 17, 2020.

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The Department of Defense (DoD) has adopted UL 20 on December 4, 1981. The publication of revised pages or a new edition of this Standard will not invalidate the DoD adoption.

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## **SUPPLEMENT SA – AC ONLY FLUSH SWITCH WITH INTEGRAL POWER SUPPLY WITH CLASS 2 OUTPUT CONNECTORS**

### **INTRODUCTION**

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## Preface

This is the harmonized ANCE, CSA Group, and UL standard for General-Use Snap Switches. It is the first edition of NMX-J-005-ANCE, fifth edition of CAN/CSA-C22.2 No. 111, and the fourteenth edition of UL 20. This edition of CAN/CSA-C22.2 No. 111 supersedes the previous edition(s) published on May 10, 2010. This edition of UL 20 supersedes the previous edition(s) published on May 10, 2010. This harmonized standard has been jointly revised on January 26, 2021. For this purpose, CSA Group and UL are issuing revision pages dated January 26, 2021, and ANCE is issuing a new edition dated January 26, 2021.

This harmonized standard was prepared by the Association of Standardization and Certification, (ANCE), CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the NEMA (National Electrical Manufacturers Association), EFC (Electro-Federation of Canada), and the CANENA Technical Harmonization Committee for Snap Switches, THSC 23-B, are gratefully acknowledged.

This standard is considered suitable for use for conformity assessment within the stated scope of the standard.

The present Mexican standard was developed by the CT 23 Electrical Accessories (Wiring Devices) from the Comité de Normalización de la Asociación de Normalización y Certificación, A.C., CONANCE, with the collaboration of the Wiring Devices manufacturers and users.

This standard was reviewed by the CSA Integrated Committee on Wiring Devices for Household and General Use, under the jurisdiction of the CSA Technical Committee on Wiring Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee. This standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

## Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

**Note:** Although the intended primary application of this standard is stated in its scope, it is important to note that it remains the responsibility of the users of the standard to judge its suitability for their particular purpose.

## Level of Harmonization

This standard is published as an equivalent standard for ANCE, CSA Group and UL.

An equivalent standard is a standard that is substantially the same in technical content, except as follows: Technical national differences are allowed for codes and governmental regulations as well as those recognized as being in accordance with NAFTA Article 905, for example, because of fundamental climatic, geographical, technological, or infrastructural factors, scientific justification, or the level of protection that the country considers appropriate. Presentation is word for word except for editorial changes.

## Interpretations

The interpretation by the standards development organization of an identical or equivalent standard is based on the literal text to determine compliance with the standard in accordance with the procedural rules of the standards development organization. If more than one interpretation of the literal text has been identified, a revision is to be proposed as soon as possible to each of the standards development organizations to more accurately reflect the intent.

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