



# **UL 61010-2-033**

## **STANDARD FOR SAFETY**

Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-033: Particular Requirements for Hand-Held Multimeters for Domestic and Professional Use, Capable of Measuring Mains Voltage



UL Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-033: Particular Requirements for Hand-Held Multimeters for Domestic and Professional Use, Capable of Measuring Mains Voltage, UL 61010-2-033

Second Edition, Dated January 10, 2020

### **Summary of Topics**

***This new edition of ANSI/UL 61010-2-033 dated January 10, 2020 is an Adoption of IEC 61010-2-033, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-033: Particular Requirements for Hand-Held Multimeters for Domestic and Professional Use, Capable of Measuring Mains Voltage, UL 61010-2-033, (second edition, issued by IEC June 2019) as a new IEC-based UL standard with no US Differences.***

The requirements are substantially in accordance with Proposal(s) on this subject dated August 30, 2019.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form by any means, electronic, mechanical photocopying, recording, or otherwise without prior permission of UL.

UL provides this Standard "as is" without warranty of any kind, either expressed or implied, including but not limited to, the implied warranties of merchantability or fitness for any purpose.

In no event will UL be liable for any special, incidental, consequential, indirect or similar damages, including loss of profits, lost savings, loss of data, or any other damages arising out of the use of or the inability to use this Standard, even if UL or an authorized UL representative has been advised of the possibility of such damage. In no event shall UL's liability for any damage ever exceed the price paid for this Standard, regardless of the form of the claim.

Users of the electronic versions of UL's Standards for Safety agree to defend, indemnify, and hold UL harmless from and against any loss, expense, liability, damage, claim, or judgment (including reasonable attorney's fees) resulting from any error or deviation introduced while purchaser is storing an electronic Standard on the purchaser's computer system.

No Text on This Page

JANUARY 10, 2020



ANSI/UL 61010-2-033-2020

1

**UL 61010-2-033**

**Standard for Safety Requirements for Electrical Equipment for  
Measurement, Control and Laboratory Use – Part 2-033: Particular  
Requirements for Hand-Held Multimeters for Domestic and Professional  
Use, Capable of Measuring Mains Voltage**

First Edition – August, 2014

**Second Edition**

**January 10, 2020**

This ANSI/UL Standard for Safety consists of the Second Edition.

The most recent designation of ANSI/UL 61010-2-033 as an American National Standard (ANSI) occurred on January 10, 2020. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or Preface. The IEC Foreword is also excluded from the ANSI approval of IEC-based standards.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

UL's Standards for Safety are copyrighted by UL. Neither a printed nor electronic copy of a Standard should be altered in any way. All of UL's Standards and all copyrights, ownerships, and rights regarding those Standards shall remain the sole and exclusive property of UL.

**COPYRIGHT © 2020 UNDERWRITERS LABORATORIES INC.**

This is a preview. [Click here to purchase the full publication.](#)

No Text on This Page