Classification Standards for High and Low Voltage Complete Sets of Equipment

Overview

60038, IEC standard voltages, defines a set of standard nominal voltages for and and systems.

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This article explores the criteria and standards governing these classifications, with a focus on high voltage (HV), medium voltage (MV), low voltage (LV), and ultra-high voltage...

Our Standards Catalog provides a list of UL Standards, Outlines, ULC Standards and ORDs that can be searched and then purchased on our Standards Sales Site.

Discover the critical differences between Low, Medium, and High Voltage (LV/MV/HV). A complete guide to IEC vs. ANSI standards, safety, and VIOX equipment selection.

American National Standards Institute, Inc. (ANSI) Standards and guideline publications, of which the document contained herein is one, are developed through a voluntary consensus ...

When these three codes and standards are used together, they help achieve holistic electrical safety through what has become known as the NFPA Electrical Cycle of Safety™. It is critical that all three ...

	Understand the official NEC and industry definitions for low, medium, and high voltage. This guide covers common levels like 277V, 480V, and beyond.
	Several U.S. federal agencies are responsible for regulations pertaining to electrical and electronic products.
	NEC 2026 replaces this voltage-based terminology with the formal classification limited energy, providing a clearer way to identify communications, broadband, optical fiber, Class 2, Class ...
	International Standard IEC 60038, IEC standard voltages, defines a set of standard nominal electricity supply voltages for low voltage and high voltage AC and DC systems.
	Ask a utility lineman the same question, and you may hear “anything over 69kV”. So, the terminology — low, medium, and high voltage — are relative to the field you are in and which context ...

Contact Us

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