Electric Cable Tray Warning Sign



Overview

392.18 (H) Cable Trays. Marking. Cable trays containing conductors rated over 600 volts shall have a permanent, legible warning notice carrying the wording.

Key Takeaways

Cable trays carrying conductors over 600 volts must display a permanent, legible “DANGER — HIGH VOLTAGE — KEEP AWAY” warning at intervals not exceeding 10 feet, following NEC and ANSI standards.

Regulatory Requirements

According to the National Electrical Code (NEC) 392. 18(H), any cable tray containing conductors rated over 600 volts must have a permanent, legible warning notice stating “DANGER — HIGH VOLTAGE — KEEP AWAY” in a readily visible position on all cable trays, with spacing not exceeding 3 meters (10 feet). These labels must comply with NEC 110.

21(B), which requires hazard markings to effectively warn of danger using appropriate words, colors, and symbols. Handwritten labels are not permitted except for variable information.

ANS

I Z535. 4-2011 provides guidance on font type, size, color, capitalization, and symbol usage for safety labels.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Design and Materials

Warning signs for cable trays are available in aluminum, plastic, or laminated labels that are UV, chemical, abrasion, and moisture resistant, suitable for indoor and outdoor environments. Signs often include bold text and graphic symbols to clearly communicate the hazard to employees and visitors. Some signs come with self-adhesive backing for easy installation, while others have mounting holes for secure attachment.

Colors typically follow safety conventions, with yellow or red backgrounds and contrasting black or white text for high visibility.

Placement and Visibility

Signs should be mounted at intervals not exceeding 10 feet along the cable tray. They must be readily visible to anyone approaching the tray. In industrial settings where equipment is inaccessible to unqualified personnel, signs may be placed where necessary to ensure safe maintenance and operation.

Additional Considerations

Electrical identification labels can also be used to mark specific circuits, pathways, or hazards within cable trays, improving safety and compliance. Overhead cable trays may require overhead obstruction warning signs to alert personnel to potential head hazards in addition to electrical danger. Labels should be durable and resistant to environmental factors to maintain legibility over time, especially in outdoor or industrial environments.

By following these guidelines, organizations can ensure compliance with NEC standards, enhance workplace safety, and reduce the risk of electrical accidents.

Article Content

392.18 (H) Cable Trays. Marking.

Cable trays containing conductors rated over 600 volts shall have a permanent, legible warning notice carrying the wording “DANGER — HIGH VOLTAGE — KEEP AWAY” placed in a readily visible

Overhead Obstruction Electrical Cable Tray Sign With

This easy-to-read Electrical Warning sign with bold text and graphic symbol

Electrical Identification Labels

Electrical Panel Board Warning stickers manufactured by TRIALA, are used to inform individuals of potential hazards associated with the electrical equipment. They alert people to the risk of electric

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Electrical Identification

MS-900 adhesive markers identify a facility''s electrical services and equipment with highly visible warnings of potential hazards. Designed for labeling conduit, panel boxes, circuit breakers and

392.18 (H) Marking.

Cable trays containing conductors operating over 600 volts shall have a permanent, legible warning notice carrying the wording “DANGER — HIGH VOLTAGE — KEEP AWAY” placed in a readily

Electrical Warning Signs | Electrical Safety Signs | OSHA & ANSI

Electrical safety signs use specific colors based on hazard severity. Red, black, and white indicate “Danger” for immediate, life-threatening risks such as high voltage. Orange represents “Warning” for

25 Common Electrical Signs and Their Meanings

In this guide, we''ll explore 25 common electrical signs, where they are typically found, and why they are important. By familiarizing yourself with

Warning Labels & Safety Signs

Warning labels & safety signs by Cablecraft Ltd. Mainland UK next day delivery.

Buried Cable Signs | Buried Cable Warning Signs

Without a sign, no one will know you placed a buried cable underground until they''ve already hit it. • Browse custom templates and an extensive range of stock

Buried Cable Electrical Hazard Signs

These informative signs are used to mark high-voltage equipment, electrical panels and rooms, static-sensitive areas, and areas where grounding gear must be worn.

Aois Propriis Volat

The first jolt came without warning, a sharp, searing shock that shot through her skull, making her body jerk violently against the restraints. White-hot pain exploded behind her eyes, her teeth clenched so

392.18 (H) Cable Trays. Marking.

2011 Code language: 392.18 (H) Marking. Cable trays containing conductors rated over 600 volts shall have a permanent, legible warning notice carrying the wording “DANGER — HIGH VOLTAGE —

High voltage? You need warning labels.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Safety is the number one priority when it comes to industrial electrical equipment. Cable tray is no different. NEC code 392.18(H) is clear on the requirements for properly marking cable tray

Labeling of Electrical Areas and Equipment – Method Statement

Labeling of Electrical Areas and Equipment – Method Statement Electrical Equipment Labeling The responsibility for providing and installing all signs and labels lies with the engineering contractor /

Electrical Hazard Signs | Electrical Hazard Warning Signs

About our Electrical Hazard Signs Shield workers, contractors, and visitors from the life threatening dangers of electrical hazards with electrical hazard signs that deliver clear, authoritative warnings

Electrical Signs | Electrical Warning Signs | Safety Signs & Notices

Electrical Warning Signs - Electrical safety is important for everyone, whether you work in direct contact with electricity or simply encounter electrical appliances at work or home. Electrical safety signs are

Labeling of Wires, Cables, Electrical Areas and ...

The spacing of the warning signs shall not exceed 15 m (50 ft). – All cable trays with conductors rated >50 to 600 volts shall be labeled with the wording “LOW VOLTAGE POWER AND CONTROL –

Here''s Your Sign

A permanent, legible, warning notice worded “Danger-High Voltage” must be placed in a conspicuous place at all entrances and access points to substations with a requirement not to exceed 10 feet in all

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved