

Preventing Accidental Pulling of the Tail Cable



Overview

Prefab solutions made of XLPE (thermoset) insulation are designed to better withstand the tugging and pulling required during installation. Twisted cables with a unified OD reduce pulling friction and tension (less surface area touches the conduit's inner wall) and eliminate jamming. Automatic reclosing is usually used for overhead line transmission and power supply lines as an effective accident prevention measure. The cable line has the following characteristics. The purpose of this application note is to provide a safe and reliable method to pull additional cable slack where needed. When pulling cable through conduit or cable tray systems in most cases the cable puller (tugger) is positioned where enough slack can be pulled to make the final connection. Whether you're setting up a network for an office, server room, or commercial unit, unmanaged cables can lead to equipment failure. An anti-rotation device is provided for stringing a cable or wire while reducing a twisting moment of the cable or wire as it is strung. The device includes a tow component, having multiple tow sections pivotally connectable end-to-end. If done incorrectly, workers might get seriously injured, and projects can take multiple steps in the wrong direction. Unless you have undergone proper training, wiring and cable installation jobs must be left to be done by the professionals.

Article Content

Does the cable tail protection block autorecloser?

The protection at the tail of the cable does not directly prevent the execution of automatic reclosing. However, since faults in cable lines are mostly permanent, the success rate of automatic

The Ergonomics of Cable Pulling: Improving Safety at

Cable pulling is hard work, and if you're not using appropriate equipment, it's potentially dangerous. Fighting out cable from a reel can lead to

Does the cable tail protection block autorecloser?

Cable tail protection is mainly a protective measure for the end of the cable, aiming to prevent insulation breakdown and other forms of damage at the end of the

Mare's Tail

For higher tension pulls (above 500 pounds) or assist pulling, a mare's tail is recommended. A mare's tail is a rope eye with 4-6 flat long straps that are wrapped around the cable

How do I prevent cables from becoming tangled or a trip hazard?

Discover practical solutions to stop cables from tangling or becoming a trip hazard. Explore cable trays, trunking, racks, and more from CMW.

Archives March 22, 2021

Archives March 22, 2021 Mare's Tail Written on March 22, 2021 . Last update on Aug. 18, 2023. The purpose of this application note is to provide a safe and reliable method to pull additional cable slack

Cable Management in the Workplace

Cable management products — that can protect insulation; stop cords twisting and knotting; and prevent tugs and pulls — are a small price-to-pay for safeguarding from the worst consequences.

Pocket guide to cable management

Atlas Copco has developed this pocket guide to help you find effective solutions to your facilities unique cable needs. It includes information developed from Atlas Copco's many years of industrial

Top Tips to Prevent Cable Pulling Hazards

The most crucial safety guideline for cable pulling is to follow your emergency and general safety protocols. If you don't provide your workers with enough cable

How to Prevent Cable Bending, Tearing and Kinking

Eaton's B-Line series cable hooks, also known as j-hooks, are designed to help reduce cable bends, tears and kinks when loading or pulling

7 Easy Ways to Prevent Cable-Related Dangers

Just as there's a risk of kids sticking fingers or sharp objects into electrical receptacles, there are also less obvious dangers that come from small children

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Safe Practices for Onsite Cable Pulls and Avoiding

Cable pulls are routine, but they're also one of the tasks most likely to lead to inadvertent exposure to live conductors — a common precursor to arc

Prevent accidents on the construction site by using

Preventing cable related injuries and tripping accidents Posted on 10 April 2025 By Marit Krol 0 Construction sites, a fast-paced environment in which

Cable Management and Trip Hazard Prevention Toolbox

Prevent accidents with our Cable Management and Trip Hazard Prevention Toolbox Talk. Customisable and compliant, it provides essential guidance to maintain

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Preventing Cable Faults During Installation

Prefab solutions made of XLPE (thermoset) insulation are designed to better withstand the tugging and pulling required during installation. Twisted cables with a unified OD reduce pulling friction and

Cable Pulling | Safe Pulling of Cables Using Manual Laying

Manual Laying For manual pulling in of the cable one thing that must be ensured is that the cable is on no account pulled over the flange of the cable

Prevent Cable Damage: Tips and Solutions

Learn common causes of cable damage and how to prevent them. Protect your cables with practical tips for better safety and longevity.

Cable Pulling Safety: Essential Measures

This document provides guidance on ensuring safety during cable pulling operations. It discusses the importance of safety, outlines a 5-step process for safe cable

Ensuring Safety with Cable Tie Mounts: Preventing Accidents and

Learn how cable tie mounts contribute to safety by preventing accidents and hazards. Discover the importance of using them correctly and best practices for installation.

Top Dos and Don'ts

Maximum cable tension and sidewall pressure limits can both cause damage if exceeded when pulling cables. To prevent this, cable installation

How to Prevent the Top 6 Styles of Cable Failures

Learn the top causes of cable failures and discover actionable tips to prevent costly downtime and improve system reliability.

Anti-rotation device for cable stringing

Prior art devices have been designed with an aim to prevent such twisting. In most cases, the device includes a leader member or tow member connected at one end to the cable to be strung and...

6 Safe Cable-Pulling Practices

When you're working with wire and cable materials, you face a variety of electrical hazards, so keep these safe cable-pulling practices in mind. 1. Have

Preventing cable related injuries and tripping accidents

By hoisting cables overhead with s-hooks, you effectively remove this danger, keeping pathways clear and reducing the risk of accidents. This

How To Keep An Electrical Cord From Coming Out Of

A properly installed cord clip will hold the electrical cord firmly against the wall or baseboard, preventing it from accidentally pulling out of the outlet. This

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