

Installation of Nordic power cable trays



Article Overview

Installing Nordic power cable trays requires careful planning, proper tray selection, secure mounting, and adherence to load and spacing guidelines to ensure safety and efficiency.

Planning the Installation

Before starting, review the approved shop drawings to determine the tray layout, lengths, and locations within electrical rooms, plant rooms, or service corridors. Inspect all materials upon delivery to ensure they match the approved submittal and are free from damage. Store trays horizontally on a flat surface with timber supports at one-meter intervals, protecting them from moisture and sunlight .

Selecting the Right Tray

Nordic Wire Tray offers ladder, perforated, and solid-bottom trays, each suited for different applications. Ladder trays allow airflow and easy cable entry, perforated trays support lighter loads, and solid-bottom trays protect sensitive cables. Choose the tray type based on cable type, load, and environmental conditions .

Mounting and Support

Use appropriate brackets, clamps, and fasteners for wall, ceiling, or floor mounting. Nordic trays are designed for easy installation with minimal fasteners, typically requiring only an M8 bolt and basic tools like a 13 mm wrench and bolt cutters . Support spacing generally ranges from 1.5 to 3 meters, depending on tray type and load, with a maximum load per hanger of 318-340 kg .

Installation Procedure

Article Content

Exploring Cable Tray Types and Applications

Often unheralded, cable trays play a vital role in tray cable installations throughout industrial, commercial, and residential projects.

Cable tray

Cable tray Electrical installations Wiring practice by region or country North American practice United Kingdom practice Regulation of

Our Range of Cable Trays and Accessories | Nordic Wire Tray

Our team of experts can help you choose the right cable ladder to suit your application and installation environment. Whether it's

Cable Tray Installation

Although cable tray installation is virtually maintenance free under normal conditions, inspection of cable tray installations is

CABLE TRAYS GENERAL INFORMATION AND INSTALLATION

Using cable trays as walkways can cause personal injury and also damage cable tray and installed cables. Performances of cable

INSTALLATION GUIDE

To ensure that the complete ladder tray wiring system performs as designed, it is important that it is properly installed. Personal

Best Practice Guide to Cable Ladder and Cable Tray Systems

Introduction This publication is intended as a practical guide for the proper and safe* installation of cable ladder systems, cable tray

Nordic Wire Tray | Smart Cable Trays and Cable Management

With help of our wire cutting machine, wire trays can be easily be cut and adapted to each unique installation. The wire trays can be

Cable Tray Technical Guide A practical guide to product selection and ...

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a

Cable Tray Installation Method Statement

Cable Tray Installation General Requirements Approved site fabricated trays shall be used as per site conditions. Only approved

Method Statement for Installation of Cable Tray or Trunking

On completion of cable tray/ ladder installation including fittings, inspect exposed finish. Remove burrs & construction

Contact Us

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