

800 Cable Tray Screw Specifications and Models



AI Overview

800 cable tray screws are available in steel and 316L stainless steel, designed for secure attachment of cable trays with options for self-drilling and screw-on systems. Material and Finish Cable tray screws for 800 series systems are typically made from steel or 316L stainless steel, ensuring durability and corrosion resistance for both indoor and outdoor installations. Stainless steel screws are standard for stainless steel trays but can also be used on aluminum and steel systems as an option. Finishes are chosen based on environmental conditions and load requirements.

Types of Screws

- Self-Drilling Screws:** These screws are designed to drill directly into the tray or supporting structure without pre-drilling, simplifying installation and reducing labor time. They are compatible with aluminum, steel, and stainless steel cable trays.
- Screw-On Systems:** Used in traditional screw-on cable tray systems, these screws secure trays and fittings firmly. They are compatible with standardized fittings and allow for robust, heavy-load installations.

Specifications

- Rail Heights:** Compatible with tray rail heights ranging from 4" to 7".
- Connector Pairs:** Splice plates and adjustable connectors typically include sufficient fasteners for standard installations; extras must be ordered separately.
- Bonding Requirements:** Bonding jumpers are required for expansion splice plates, adjustable connectors, and tray discontinuities to maintain electrical continuity.
- Standards Compliance:** Screws and cable trays conform to UL, NEMA VE 1-2017, ANSI/NFPA 70, and other relevant standards.

Models and Compatibility

- OBO Screw-On Cable Trays:** These systems use standardized screws compatible with all OBO trays, designed for heavy loads and professional installation.
- Legrand Self-Drilling Screws:** Available for aluminum, steel, and stainless steel trays, these screws are supplied with connector pairs for straight...

Article Content

Resources for Cable tray and ladder systems

Submittals for cable ladder and tray Eaton's submittal builder tool for B-Line series cable ladder and tray allows you to easily filter, select and download straight section, fitting and accessory submittals.

Aluminum Cable Tray Systems Catalog

This document provides a product catalog for aluminum cable tray systems manufactured by United Structural Products. It includes specifications, sizing,

Product Specifications: CABLE TRAY

FDG CABLE TRAY FDG Cable Tray is designed to continuously support cable systems including; Power, Data, and Audio Visual. A quick and easy system to install without the need for specialised

PP cable tray fastening accessories

PP mounting accessories are intended for joining cable trays, cable ladders, fastening of cable trays and cable ladders to bearing elements, and attaching

Microsoft Word

3.1 Cable trays & accessories shall be of two types, namely ladder type and perforated type. Technical particulars are specified in data Sheet-A and drawings enclosed with this specification.

KwikRail cable tray specification Document

KwikRail Aluminum Cable Tray - Specifications Section 161xx - KwikRail Cable Tray PART 1 GENERAL 1.01 Section Includes The work covered under this section consists of the furnishing of all necessary

Full cable tray systems specification document

The drawings which constitute a part of these specifications indicate the general route of the cable tray systems. Data presented on these drawings is as accurate as preliminary surveys and planning can

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

In designing supports for a cable tray system, consideration should be given to the loads associated with future cable additions and any additional loading that may be applied to the cable tray system (e.g.,

CABLE TRAY ANCHOR BOLT EXPANSION SCREWS

CABLE TRAY ANCHOR BOLT EXPANSION SCREWS SKU: CT0046 Categories: Cable Tray Accesories & Hardware, Cable Tray Ceiling Mounting, Cable Tray

OBO cable trays

The versatile OBO cable tray systems stand for efficiency, stability and safety. This applies to the screw-on variants as well as the cable trays with the innovative

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 practical reference regarding cable tray characteristics, installation, and

CABLE TRAY

Cable Support Systems are well designed to provide necessary support for cable trays, cable ladders and trunkings. Cable supports are manufactured according to common standards from high quality

Cable Tray Dimensions Guide: Standard Sizes, Tray

Explore standard sizes by tray type, understand width and depth limits, and see how to calculate and choose compliant cable tray sizes for real

Mesh cable tray systems

4 1 Product description OBO mesh cable tray systems stand out through their high load capacity and good ventilation. They can be used universally. The mesh cable trays are suitable for the installation

POWER CABLE INSTALLATION GUIDE

POWER CABLE INSTALLATION GUIDE ... POWER CABLE INSTALLATION GUIDE Cables installed into conduits or trays have installation parameters such as maximum pulling tensions, sidewall

Cable Trays and Accesories

Cable Trays are designed to meet most requirements of cable and electrical wire installations and comply to local and international standards of fabrications and

Cable Tray Specification Overview

This document provides a general specification for cable trays for an electrical project. It outlines technical requirements, codes and standards, site conditions,

Download Cable Tray Resources | ApexTray Official Site

Technical Specification for Steel Cable Tray Engineering. Visit our Download Center to access "Download Cable Tray" resources, including detailed manuals, CAD

CABLE TRAY SYSTEMS

All design characteristics, specifications, tolerances and similar information are subject to change without notice.

QCS 2010: Cable Tray Specifications | PDF | Cable

Tray components must be accurately formed to tolerances with rounded edges. Cable trays installed in hazardous environments shall be constructed from heavy

LEGRAND CABLE TRAYS TECHNICAL GUIDE

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules of Canadian Electrical Code, Part I and the National Electrical Code®

Product Catalogue Cable Management Solutions

Delivering engineered solutions in cable management ABB manufacturers a comprehensive range of cable tray systems and solutions including cable ladder, perforated tray, channel tray and metal

B-Line series Cable Tray Design Considerations

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market today with its B-Line series portfolio. With unmatched quality and service, we

Cable Tray Installation Guidelines | PDF | Galvanization

This document provides details on installing cable trays and their support systems. It includes diagrams showing how to mount cable trays on walls using pre

GUIDE CABLE TRAYS TECHNICAL

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules of Canadian Electrical Code, Part I and the National Electrical Code®

Contact Us

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change without notice.

