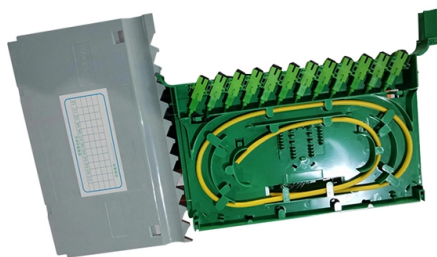


High-voltage cable tray funnel model and specifications



Article Overview

High-voltage cable tray funnels are specified by type, material, finish, dimensions, standards compliance, and load capacity to ensure safe and efficient cable routing.

Overview

High-voltage cable tray funnels are used to guide cables from main cable trays to equipment or devices, ensuring proper bend radius and mechanical protection. They are compatible with ladder, trough, solid-bottom, and channel-type trays and are designed to meet electrical and mechanical standards for high-voltage installations .

Specification Table

Parameter	Typical Values / Options	Notes	Model	Type	Funnel / Drop-out / Transition	Used
to connect main tray to equipment or branch lines						
Material	Steel (Hot-dip galvanized, Pre-galvanized), Stainless Steel (AISI 316L), Aluminum	Material selection depends on environment and corrosion resistance requirements	Finish	Hot-dip galvanized, Powder-coated, Stainless passivation	Enhances corrosion protection and durability	Inside
Width	100 mm – 600 mm	Matches main cable tray width	Inside Depth	50 mm – 300 mm	Ensures proper cable support and bend radius	Bend Radius
	150 mm – 500 mm	Maintains minimum bend radius for high-voltage cables	Rung / Support	Spacing	150 mm – 230 mm	For ladder or ventilated trays, ensures cable support
Load Rating	50 – 500 kg/m	Depends on material, width, and installation span	Standards Compliance	ANSI/NFPA 70, NEMA VE 1 & VE 2, ASTM A123, A653, A1011, A1008, B633	Ensures mechanical and electrical safety	Accessories
						Clamps, brackets, hanger...

Article Content

Cable Trays Selection Guide: Types, Features, Applications

Cable trays are components of support systems for power and communications cables and wires. A cable tray system supports and

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

How to Choose Cable Tray for High Voltage System

Selecting a cable tray for high voltage power cables is a critical engineering decision that

High Voltage Feedthroughs

January 23rd, 2017 INSTRUCTIONS High Voltage Feedthroughs Model 954-0006/5119/5143, 959-5120 Agilent high voltage

Cable tray

So, whether specifying a major new project, or simply refurbishing existing facilities, choose ABB cable tray to deliver the most

CABLE TRAY SYSTEMS GUIDE

Some applications may require the cable tray to support the weight of a single, dead object in addition to the cable loads.

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

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations

POWER CABLE INSTALLATION GUIDE

POWER CABLE INSTALLATION GUIDE ... POWER CABLE INSTALLATION GUIDE Cables installed into conduits or trays have

Cable Tray Selector

MP Husky's cable tray selector for choosing the correct tray type (ladder, solid bottom, perforated, wire

CABLE TRAY INSTITUTE

Fabricated in numerous styles (wiremesh, ladder, ventilated trough, channel, and solid-bottom) and sizes, cable tray provides the

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

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Not all cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management,

Cable Tray

Cable Tray Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and

Full cable tray systems specification document

B. Cable tray systems are defined to include, but are not limited to straight sections of [ladder type] [trough type] [solid bottom type]

Cable tray manual

Nearly every aspect of cable tray design and installation has been explored for the use of the reader. If a topic has not been covered

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RediRail master format 2004

Cable tray systems are defined to include, but are not limited to straight sections of single rail cable trays, fittings, drop-outs, supports

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

Cable tray is considered to be a system. It must provide continuous support for cables, and the electrical continuity of the cable tray

Cable Tray and Reels | Wire and Cable Management

From heavy power cable pathways on oil drilling platforms to data center cabling, explore the cable tray that's strong yet easy to

Cable Tray Types and Sizes

These cable tray systems serve as efficient alternatives to traditional wireways and electrical conduits, which fully enclose cables.

SECTION 260536

SECTION 260536 - CABLE TRAYS FOR ELECTRICAL SYSTEMS Latest Update 5-6-2017
See underlined text for Edits. (Engineer

The Complete Guide to Cable Trays | Snake Tray

Learn about the benefits and applications of cable trays, and the specific advantages of using Snake Tray products.

Cable Tray - KMC Engineering Company

CABLE TRAYS Cable Tray wiring systems are the more preferred wiring systems, than conduit wiring systems, owing it to their

2 Vergokan Wire Cable Trays

The wire cable trays consist of two compartments to separate the high-current lines from the low-current lines. They feature a type

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Hubbell's NEXTFRAME® Ladder Tray is the effective and widely used cable runway that supports and delivers bundles of cable

Steel Cable Tray

Steel Cable Tray systems are Certified CSA Cable Tray, UL listed, and NEMA certified and are available in

Power and Control Tray Cable

These cables may be used for: cable trays in accordance with NEC Article 318 (these cables meet the requirements of the 70,000

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

Cable tray outlet funnel buy online

Tee funnel cable tray Outlet funnels for cable trays are formed parts for safe, organized, and material-friendly cable routing. They

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