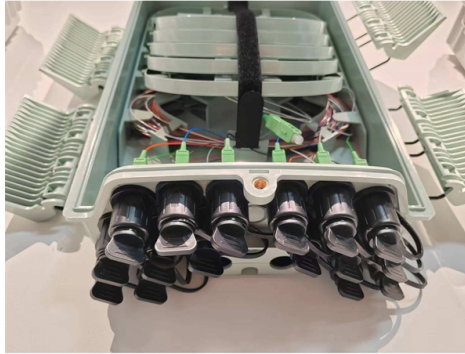


Nordic Fire-Resistant Channel Cable Tray



AI Overview

Fire-resistant channel cable trays provide robust protection for electrical cables, maintaining functionality during fire while offering durability and environmental resistance. Overview Fire-resistant channel cable trays are designed to protect electrical cables from fire, water, oil, and other environmental hazards while maintaining structural integrity and circuit functionality in critical installations. These trays are typically made from galvanized steel or cold-rolled sheets and coated with a fireproof layer that is non-toxic and environmentally safe. The coating often includes polymer resins, flame retardants, carbonizing agents, and high-temperature refractory materials, which expand under heat to form a spongy carbonized insulation layer, preventing steel deformation and maintaining load-bearing capacity. Key Features Fire Resistance: The fireproof coating ensures cables remain functional during fire, supporting emergency systems like smoke extractors, fire alarms, and emergency lighting. Durability: Resistant to water, oil, UV radiation, and chemicals, making them suitable for indoor and outdoor use. High Load Capacity: Steel skeletons are machined for smooth, burr-free surfaces, providing long service life and high bearing capacity. Customizable Installation: Trays can be cut, bent, and shaped to fit unique project requirements, with fewer fasteners needed for faster assembly. Applications: Commonly used in fire control rooms, fire pumps, smoke fans, automatic fire alarm systems, industrial plants, hospitals, airports, and power stations. Standards and Safety Fire-resistant cable trays are tested to ensure circuit integrity under extreme fire conditions, following European and international standards where applicable. These tests simulate high-temperature exposure to verify that the tray, supports, and cables maintain functionality for a defined period. This is critical in public buildings or industrial facilities where evacuation and emergency operations depend on reliable electrical systems. Nordic Solutions Nordic Wire Tray offers flexibl...

Article Content

Nordic Wire Tray | Smart Cable Trays and Cable Management

Our product catalogue NWT Nordic Wire Tray becomes Nordic Wire Tray. New name, new look, same Nordic quality We continue to drive innovation in cable management solutions, with complete cable

Our Range of Cable Trays and Accessories | Nordic Wire Tray

Cable trays has an overall mission: to organize cables. In order to successfully meet the market's demands, high requirements and adaptations to various industries, a broad and well-thought-out

Fire-Resistant Cable Support Systems

Check out detailed instructions on fire-resistant installations on our brochure
Download brochure in English: Fire resistant cable support systems v.5 In all fire

Channel Cable Tray Is Fully Enclosed to Protect Cables

Features: Channel cable trays are fully enclosed and they can protect cables from heat, dust and water. Electro galvanized, hot-dipped galvanized surface makes

Nordic Wire Tray | Smart Cable Trays and Cable Management

X-Tray is a premium product developed to cope with very demanding environments. We continuously test our products to ensure high quality and to make sure the range meets the very highest

Cable Trays RS

Elbridge Step-Files Electrical Installation Ducts Electrical Installation Material Cabel Protection Conduit Home Fire resistance cable management systems Function maintenance Standard Support

Fire Resistance

Fire Resistance The German standard DIN 4102-12 specifies the entire system of cable trays, accessories and cables tested in an oven that is at least 3 meters long. The cable tray system in the

Fire resistant cable tray | Hermi-solutions

Cable trays are intended for the construction of fire-resistant cable paths with surface cable laying. Cable paths are constructed as standard or lightweight

CABLE TRAY

FIRE PERFORMANCE DECLARATION Armorduct Systems" Cable Tray has achieved a E90 Fire Rating after carrying out testing in accordance with DIN 4102-12 at FIRES notified Technical

Cable Trays RLC

with staggered side and bottom perforation for stepless fastening and connection of the system components. Cable tray, 60x100x3000 mm, perforated, continuous beads, steel, pre-galvanised

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

Fire Tests DIN 4102-12 and AS/NZS 3013 | Nordic Wire Tray

Our products are tested at 1000 °C for 90 minutes and approved according to the DIN 4102-12 and AS/NZS 3013 standards for fire resistance.

Fire protection for cables & cable trays | Flamro

The mostly combustible cable sheaths and insulation allow a fire to spread along the cable at rapid speed. Our tested solutions for cable fire protection can delay the spread of fire in order to minimise

Cable Trays RLC

Cable tray, 60x100x3000 mm, perforated, continuous beads, steel, hot dip galvanised DIN EN ISO 1461, without connectors Add to Cart €0.00 Excl. 0% VAT EAN 4013339919208 RLC 60.200 F OV Cable

Nonmetallic Cable Tray Systems | PDF Catalogues | ABB

Browse our nonmetallic fiberglass cable tray systems offering superior resistance to corrosive conditions in petroleum, mining, and fertilizer industries.

Our Range of Cable Trays and Accessories | Nordic Wire Tray

Our cable trays are made of high-quality materials that can withstand harsh conditions and have a long lifespan, reducing the need for frequent maintenance or replacement.

Trunking and cable tray protection

Our range of trunking and cable tray protection products provide effective fire protection for pipes, cables and trunking within floors, walls and ceilings.

Trunking and Cable Tray Protection

Trunking and Cable Tray Protection Fire prevention is a critical aspect of safeguarding both residential and commercial buildings. One of the essential components in this arena is the protection of

Cable Tray RLVC

Cabel Protection Conduit Home Fire resistance cable management systems Function maintenance Cable-specific Installation Systems Cable trays without threaded rod Cable Tray RLVC Cable Tray

Channel tray

Cable channel T& B offers cable channel in solid or ventilated straight sections. Ventilated channel has burr-free oblong punched holes for easy access. Ty-Rap cable tie slots are provided between each

Brandtester DIN 4102-12 och AS/NZS 3013 | Nordic Wire Tray

Våra produkter är testade i 1000 °C i 90 min och godkända för standarden DIN 4102-12 och AS/NZS 3013 för motståndskraft mot brand.

Our Certifications | Nordic Wire Tray

IEC 61537, UL certification, DIN 4102-12, AS/NZS fires, EHEDG, and Det Norske Veritas are certifications that we at Nordic Wire Tray are proud to meet.

Basor Electric

Basor Electric, sensitive to the need to minimize the consequences of a fire, has subjected its cable trays to rigorous fire resistance tests to ensure the behavior

FRP Cable Tray Is Light and Has Anti-Corrosive Surface

FRP cable trays are lighter than common steel cable trays. They have good corrosion-resistant and fire retardant properties so that they are mainly used to support insulated electric cables for power

Fireproof Channel Cable Tray System

The surface of the fireproof channel cable tray has a frosted feeling. It is generally used in the distribution line of fire fighting equipment, such as fire control rooms,

Stainless steel cable trays for demanding environments

Stainless steel cable trays are resistant to corrosion and rust, making them ideal for installations in harsh outdoor, marine and industrial environments.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.dknconsulting.co.za>

Email: info@dknconsulting.co.za

Phone: +31 6 2948 7351

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

