

Flame-retardant supplier for electrical distribution boxes



Article Overview

Leading manufacturers of flame-retardant electrical distribution boxes include BOXCO, Spelsberg, ABB, and TAKACHI.

Key Manufacturers and Products

BOXCO produces terminal block boxes made from flame-retardant materials, offering IP66/67 protection and integrated terminal blocks suitable for industrial applications . Their products are designed for durability and fire safety, often used in chemical, thermal, and outdoor environments. Spelsberg specializes in high-quality cable junction and connection boxes, as well as surface-mounted distribution boards. Their fire-protection products are tested according to DIN 4102 Part 12 and certified by VDE, providing intrinsic fire resistance from 30 to 90 minutes (E30 to E90), . They use heat- and fire-resistant materials from reputable suppliers. ABB offers fire-retardant boxes with EI30 and EI60 ratings, designed for low-voltage electrical installations. ABB's enclosures ensure safe and efficient power distribution across industrial, commercial, and renewable energy applications . TAKACHI is also listed among leading brands providing flame-retardant junction boxes, often used in professional industrial settings . Their products typically feature robust thermoplastic or ABS construction with high fire-resistance ratings.

Material and Certification Considerations

Flame-retardant boxes are commonly made from ABS, ASA+PC, or glass-fiber reinfo...

Article Content

Nov 30, 2025

Fire-resistant junction box, Flameproof junction box

Find your fire-resistant junction box easily amongst the 157 products from the leading brands (Nora, YSCABINET, LIMING, ...) on

Jan 24, 2026

Terminal and Junction Boxes (Ex d) | Explosion Protection

Pepperl+Fuchs provides a specialized portfolio of Ex d (flameproof) and Ex tb (dust protection by enclosure) certified terminal boxes

Apr 22, 2026

Sustainable Flame Retardants Based On Bromine | ICL

ICL is a leading supplier of brominated, phosphorous, and inorganic flame retardants used in life-saving

Sep 24, 2025

Distribution Boxes Manufacturer | Waterproof Electrical

Zhejiang B&J Electrical Co.,Ltd. provides high-quality distribution boxes and electrical enclosures for global

Jun 19, 2026

Flame-retardant enclosure, Flame-retardant box

Find your flame-retardant enclosure easily amongst the 87 products from the leading brands (OKW, Nora, YSCABINET, ...) on

May 26, 2026

Ex d Enclosure Series

ROSE supplies flameproof enclosures in various sizes and types for use in various gas groups and service-temperature ranges. The

Jul 07, 2026

Flame-retardant enclosure, Flame-retardant box

CE, ROHS Mounting plate: galvanised steel plate 1.5mm (separate supply) flame retardant UL94V-0 high heat resistant ABS or PC

Nov 17, 2025

THERMOLENE® | The Housing Material for Power Distribution | INDU

Our specially developed material is flame-retardant and self-extinguishing – essential properties for electrical applications. It meets

Aug 11, 2025

Fire-Rated Steel Boxes | Raychem RPG Industrial

Steel fire-rated junction boxes by Raychem RPG. High IP rating for fire-prone industrial sites.

Mar 23, 2026

Fire rated enclosure – Orostar

These fire-resistant enclosures and junction boxes play a crucial role in preserving the integrity of electrical and electronic circuits,

Nov 18, 2025

Flame Retardants

As one of the world's leading manufacturers of flame retardants, LANXESS offers a wide range of solutions for applications such as e

Jun 22, 2026

Fire Resistance in Electrical Enclosures: Material

A fire can cause catastrophic damage to electrical systems and pose life-threatening risks.

Mar 08, 2026

ECU Fire Protection System for Distribution Boards

The ECU fire protection system was designed to meet new regulations, protecting domestic units and distribution boards from

Jan 09, 2026

Flameproof Distribution Board | Explosion proof Distribution Boards

The Flameproof Distribution Boards/panels are used for the distribution of the power supply in a company. To handle high-rated

Jan 05, 2026

Explosion Proof Power Distribution Boxes CE92

Flameproof and explosion proof, these power overhaul distribution boxes are suitable for use in hazardous

Oct 09, 2025

Sintex SMC Distribution Boxes for Safe Electrical Solutions

Sintex SMC Distribution Boxes are shockproof, rustproof, fire retardant, and weatherproof, offering durable, safe protection for

Dec 09, 2025

Fire-resistant enclosure, Flameproof enclosure

Find your fire-resistant enclosure easily amongst the 153 products from the leading brands (Rototherm, OKW, Nora, ...) on

Oct 11, 2025

Fire rated Enclosures electrical enclosures

Available in aluminium or stainless steel, these enclosures are fully flame retardant and offer incredible protection for your equipment

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Flame Retardants

Flame retardants by Nordmann Flame retardants are a vital component in protecting against the risk of fire.

Dec 22, 2025

Flame Retardants for Electrical & Electronics - Clariant

All our flame retardants are halogen-free, based on powerful yet safe phosphorus chemistry and produced

Jun 30, 2026

Fire protection enclosures

ABB offers an innovative enclosure system for fire prevention, which is constructed of fireproof materials, features optimum

Oct 29, 2025

Flame-retardant distribution box

Flame-retardant distribution box: 650°C fire-resistant material stops spread, protects circuits from overloads/shorts. Compliant, easy

Contact Us

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