

List of Explosion-Proof Electrical Distribution Box Models in the United States



AI Overview

Explosion-proof electrical distribution boxes in the U.S. are available from manufacturers like R. STAHL, Akron Electric, and various ThomasNet suppliers, with models certified for Class I/II, Division 1 and 2 environments.

Key Manufacturers and Models

R. STAHL offers Class I and II, Division 2 circuit breaker panels designed for hazardous locations. These panels reduce installation and maintenance costs while providing explosion protection for the breakers themselves, minimizing the need for heavy cast metal enclosures and conduit seals. Akron Electric provides a range of explosion-proof enclosures suitable for industrial applications. Their products include cast metal and aluminum enclosures designed to meet NEMA and UL standards. ThomasNet Suppliers list multiple explosion-proof junction and control boxes, including:

- Four-way cable junction boxes with corrosion-resistant materials such as cast iron, bronze, stainless steel, and cast aluminum.
- Pull, hinged, flat, round, and square outlet boxes.
- Gutter, junction, concrete, recessed, terminal, and sidewalk boxes.
- NEMA-rated enclosures (NEMA 4, 4X, 6, 6P, 3R) suitable for Class I and II hazardous locations. NEMA7 offers explosion-proof control enclosures and junction boxes constructed from cast aluminum or 316L stainless steel. Sizes range from 6" x 8" x...

Article Content

Oct 29, 2025

Terminal and Junction Boxes (Ex d) | Explosion Protection

With their rugged construction and well-thought-out design, Pepperl+Fuchs Ex d terminal boxes and junction boxes simplify both installation and maintenance while providing reliable explosion

Feb 09, 2026

Ultimate Guide to Explosion Proof Wiring Box Solutions

Conclusion In summary, explosion proof wiring box solutions are vital for ensuring safety in environments prone to explosive hazards. The ongoing innovations in materials and technology,

Sep 04, 2025

EJB Explosionproof Custom Built Control Panels

Crouse-Hinds series EJB explosionproof custom built control panels are built to customer-specific needs, allowing for the grouping of control devices for process control in minimum space

Jun 08, 2026

Explosion-Proof & Flameproof Enclosures | EX Industries

Explosion-proof (also spelled explosionproof) and flameproof enclosures are solidly constructed junction boxes for use in hazardous area locations. These enclosures house varying electrical components

Aug 07, 2025

Explosion Proof Power Distribution Boxes CE92

Flameproof and explosion proof, these power overhaul distribution boxes are suitable for use in hazardous areas. Specs: Ex mark: Ex de IIC T4 Gb DIP A21

Feb 07, 2026

Ex Electrical Equipment

Ex Electrical Equipment for Hazardous Area & Industrial Explosion Protection MAM is a professional Explosion Proof Electrical Equipment Manufacturer specializing in advanced Ex Electrical Equipment

Aug 18, 2025

Ultimate Guide to Explosion Proof

Explore our comprehensive explosion proof enclosures guide—designs, standards, applications & best practices to safeguard hazardous environments.

Nov 11, 2025

How to Wire an Explosion-Proof Distribution Box and

Explosion-proof electrical equipment, such as explosion-proof distribution boxes, is specifically designed for hazardous environments where flammable gases,

Dec 15, 2025

Top 3 Facts About Explosion Proof Distribution Box

Learn the top 3 facts about explosion proof distribution boxes & electrical enclosures—certifications (ATEX, IECEx, NEMA), durable materials,

Jun 02, 2026

Hazardous Location Enclosures | nVent HOFFMAN

Protect electrical controls in Division 1 or Zone 1 areas with flameproof - and explosion-proof enclosures Reduce costs for large control panels in hazardous areas with purge and pressurization solutions

Apr 20, 2026

Explosion-Proof Enclosures

Killark EXB-10146 N34 EXB Series, 10 X 14 X 6, Class I, II, III, BCDEFG, Cast Aluminum, Type 4, Bolted Enclosure

Feb 21, 2026

Explosion-Proof Electrical Distribution Boxes: Applications in ...

Explosion-proof electrical distribution boxes are essential for safety in hazardous environments. These specialized enclosures are built to contain internal explosions and stop the ignition of flammable

Feb 20, 2026

Explosion-Proof & Heavy Duty Electrical Enclosures | Spike

Spike offers UL-certified explosion-proof enclosures with NEC, IECEx, and ATEX certifications. Fast lead times and custom designs. Request a quote now!

Jan 01, 2026

EXPLOSION PROOF ENCLOSURES

Introduction to Akron Electric, Explosion Proof Enclosures, & Hazardous Locations
Explosion-Proof Junction Boxes AXJ Series - External Flange AXJ-FCS Series - External
Flange Flat Cover EXI

Aug 13, 2025

Explosion Proof Junction Box Types, Prices

Learn about explosion proof junction boxes—pricing, sizes, certifications, and
installation tips for electricians and engineers. Shop certified

Jun 03, 2026

Power Distribution Systems | Explosion Protected | R. STAHL

When designing power distribution panels for lighting systems, heat tracing, or
overall machinery, there is more than one option to choose from. If installing in a
Class I, II Division 2 or Zone 1 for USA or

May 22, 2026

What Is an Explosion Proof Enclosure and How Do You Choose the

Explosion proof enclosures are not just compliance products — they are mission-
critical safety systems. Whether you need a Class 1 Div 2 enclosure, explosion proof
junction box, stainless steel NEMA 4X

Feb 10, 2026

Explosion Proof Distribution Box & Electrical Enclosures

Durable Hexlon Explosion Proof Distribution Boxes and Electrical Enclosures, IECEx
and ATEX certified for Zone 1 and Zone 2.

Dec 15, 2025

Control panels | Distribution boards | Ex | Ex d | Ex de | ATEX ...

Reliable power distribution increases both system availability and the safety of
personnel and systems. Thanks to our modular system, the right solution for any
application is just waiting to be put together.

Jan 22, 2026

North American Products & Systems | Explosion Protected | R.STAHL

We offer a complete range of products and systems using a variety of protection
methods such as intrinsic safety, explosion proof, encapsulation, non incendive and
purge and pressurization.

Jul 21, 2026

Terminal and Junction Boxes (Ex d) | Explosion Protection

Learn more about the different ranges of flameproof terminal boxes and junction boxes from Pepperl+Fuchs.

Nov 08, 2025

Kleev's Comprehensive Explosion-Proof Enclosure Solutions –

Kleev's explosion-proof enclosures are meticulously engineered to house various types of electrical and electronic equipment. These enclosures are designed not only to contain internal explosions but also

Sep 17, 2025

EJB Explosionproof Enclosures | Hazardous Areas | Eaton

Crouse-Hinds series EJB explosionproof enclosures are designed for hazardous locations to be used as a junction or pull box, to provide enclosures for slices and taps, and for housing terminal blocks,

Apr 15, 2026

Kleev's Comprehensive Explosion-Proof Enclosure Solutions –

Kleev's products, with their IP 66 rating and robust build, help protect electrical installations and ensure the safety of personnel. Renewable Energy: Battery boxes designed for solar power and other

Contact Us

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