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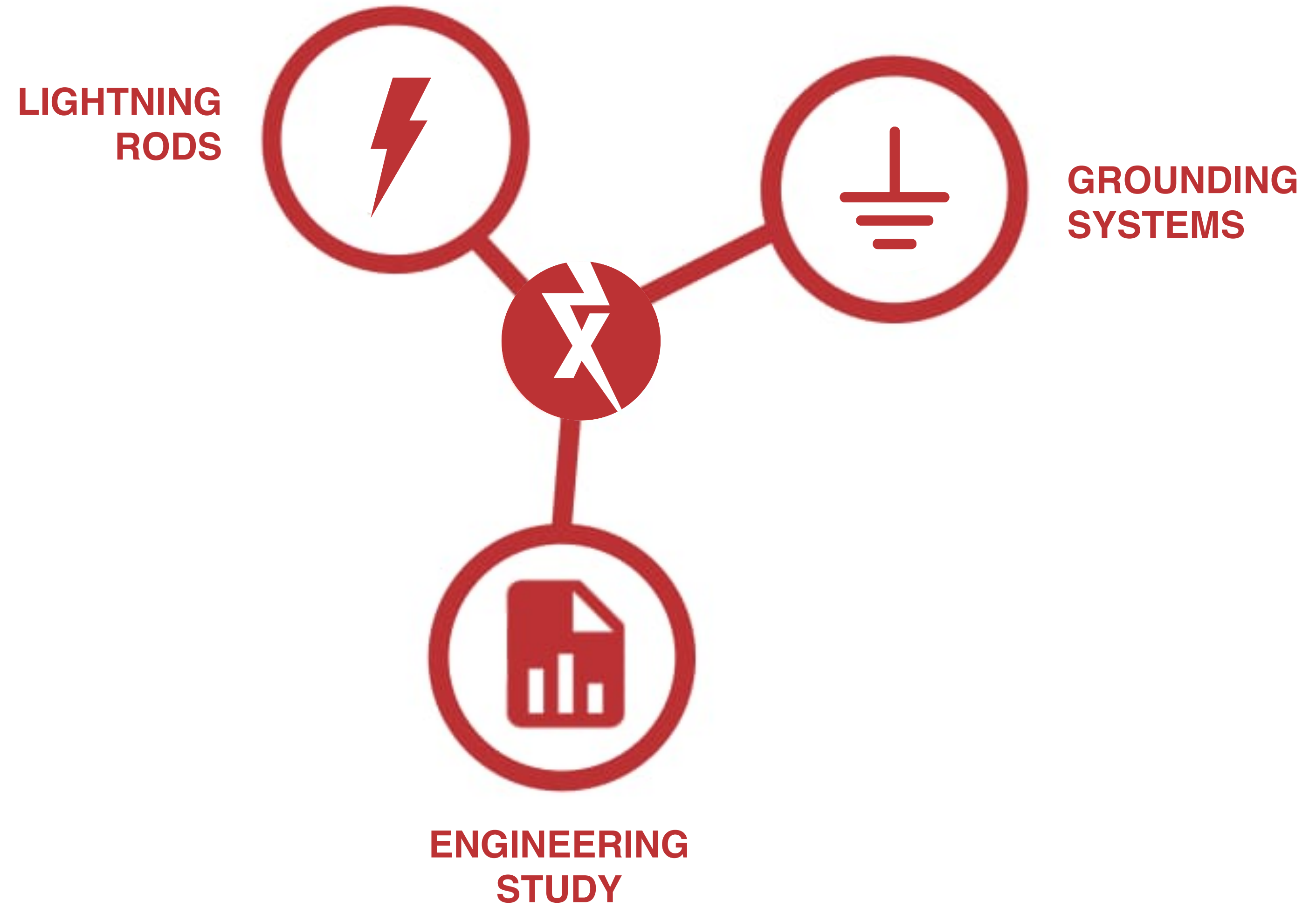


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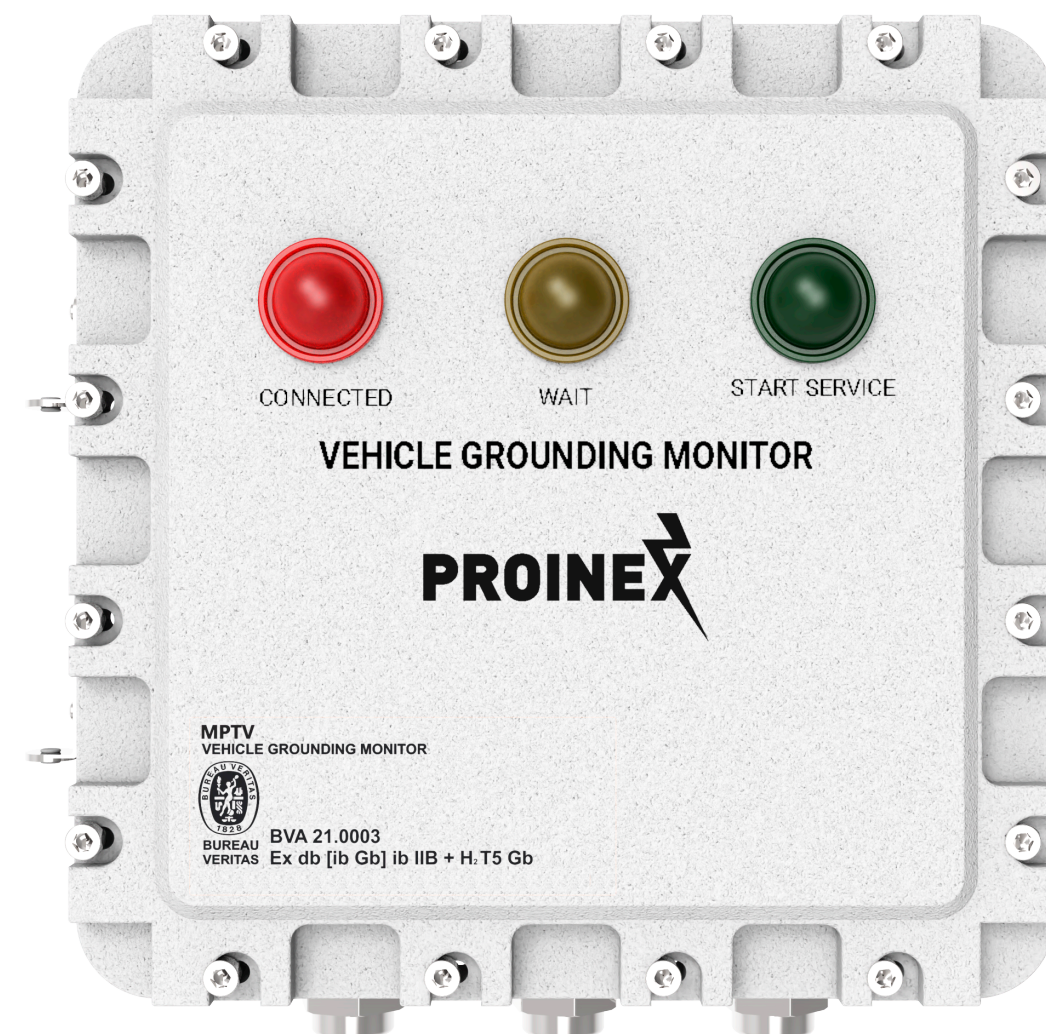


Our products

Grounding
System

VEHICLE GROUNDING MONITOR

MPTV



ISO 9001
BUREAU VERITAS
Certification



Ex d (ib IIC Gb) ib IIB + H2 T6 Gb

The VEHICLE GROUNDING MONITOR (MPTV), is an equipment designed to supervise and ensure the correct grounding of fuel trucks that load or transfer flammable material as it minimizes the risk of incendiary electrostatic discharges.

Built on an explosion-proof-box (EPB)

Fully automatic operation.

No maintenance required.

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Grounding
System



VEHICLE GROUNDING MONITOR

Technical specifications

MPTV

- ▶ Supply voltage: 100 - 220 Vac
- ▶ Maximum permissible grounding value: 10Ω.
- ▶ Discharge time at high impedance: 8 sec.
- ▶ Operating temperature: -4°F to + 149°F | -20°C to + 65°C
- ▶ Degree of protection: IP66
- ▶ Auxiliary contacts: 1 set of dry contacts - 5 A @ 220VAC
- ▶ Dimensions: 10.0 x 9.8 x 8.1 in | 245 x 248 x 207 mm (width - height - depth)
- ▶ Cable length: 3.3 feet | 10 meters

GROUNDING CLAMPS

PAT-7



Ex 80079-36 IIB T6 Gb | Ex 80079-36 IIC T80°C Da

The PRX - PAT 7 GROUNDING CLAMP is specially designed to facilitate the grounding of metal masses.

It is entirely made of 304L stainless steel.

It is equipped with a hydrocarbon-resistant retractable spiral cable that offers excellent mechanical resistance and easy retraction.

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Grounding
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GROUNDING CLAMPS

Technical specifications

PAT-7

- ▶ Dimensions: 7.9 x 1.4 x 3.1 in | 200 x 35 x 80 mm (external measurements)
- ▶ Handle: Biodegradable lactic polyacid
- ▶ Maximum opening: 1.6 in | 40 mm
- ▶ Hardened steel teeth: 320-350 HB
- ▶ Closing force: 4 kgf/cm²
- ▶ Weight: 1.85 lb | 0.84 kg
- ▶ Total cable length: 22.96 pies | 7 meters
- ▶ Maximum operating temperature: 140°F | 60°C
- ▶ Thermal conductivity: 0.038-cal / (cm.s.°C)
- ▶ Impedance: 0.770 Ω

ELECTRICAL NOISE FILTER

ERDHUNG-2K



The ERDHUNG-2K electrical noise filter is a unit designed to perform and deliver electrically neutral ground references, according to the conditions required by modern electronic circuits.

Also suitable for modern communication systems, current data systems and automation processes.

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Grounding
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ELECTRICAL NOISE FILTER

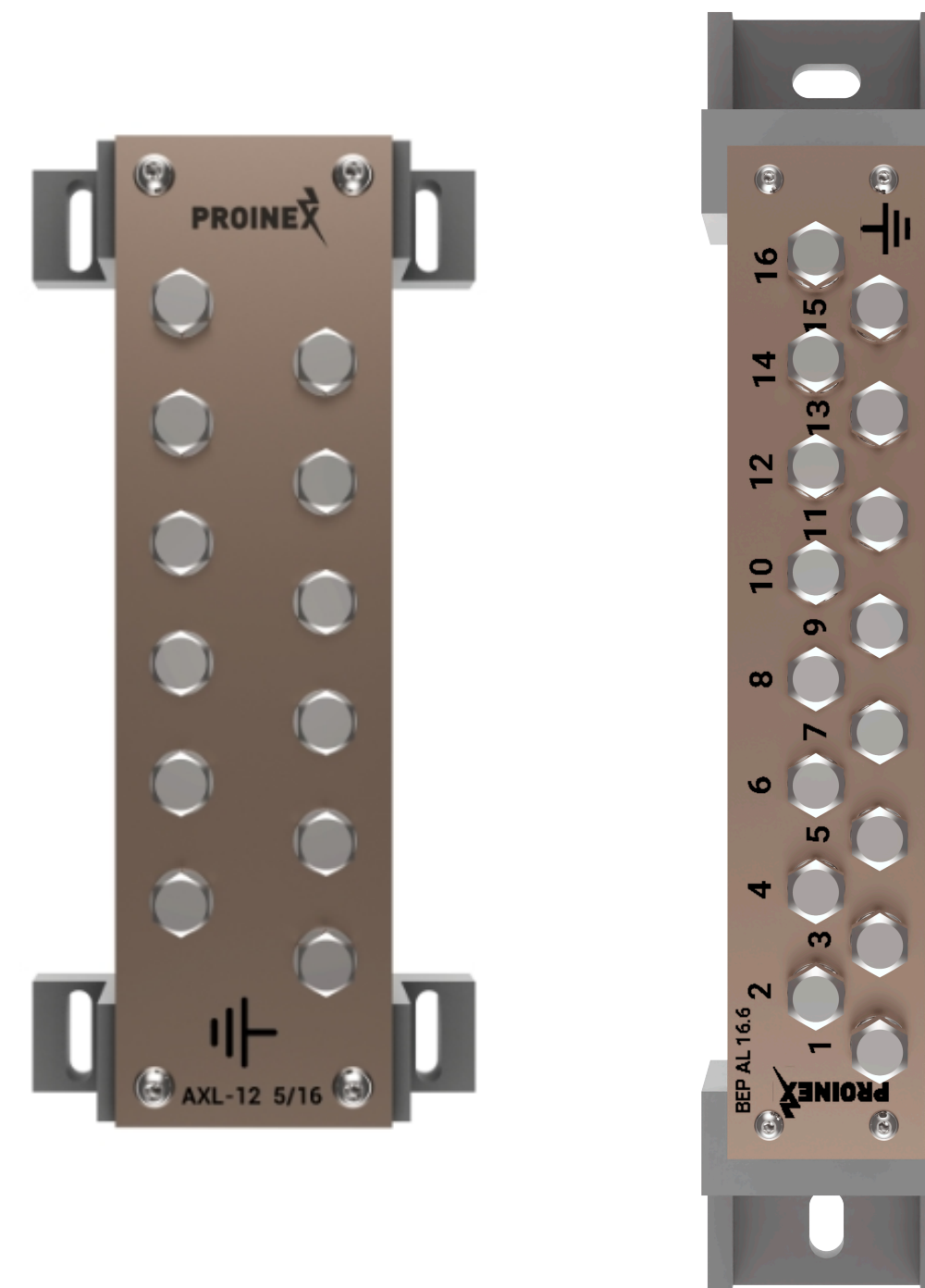
Technical specifications

ERDHUNG-2K

- ▶ Cabinet material: Sheet steel
- ▶ Finishing: Electrostatic powder coating
- ▶ Front: Stainless steel
- ▶ Material of the connection bars: Stainless steel
- ▶ Screws: Stainless steel
- ▶ Dimensions: 11.8 x 9.8 x 2.4 in | 300 x 250 x 60 mm (width - height - depth)
- ▶ Number of filtered earth connections: 3

EQUIPOTENTIAL BONDING BAR

AXL-12 | AL-16

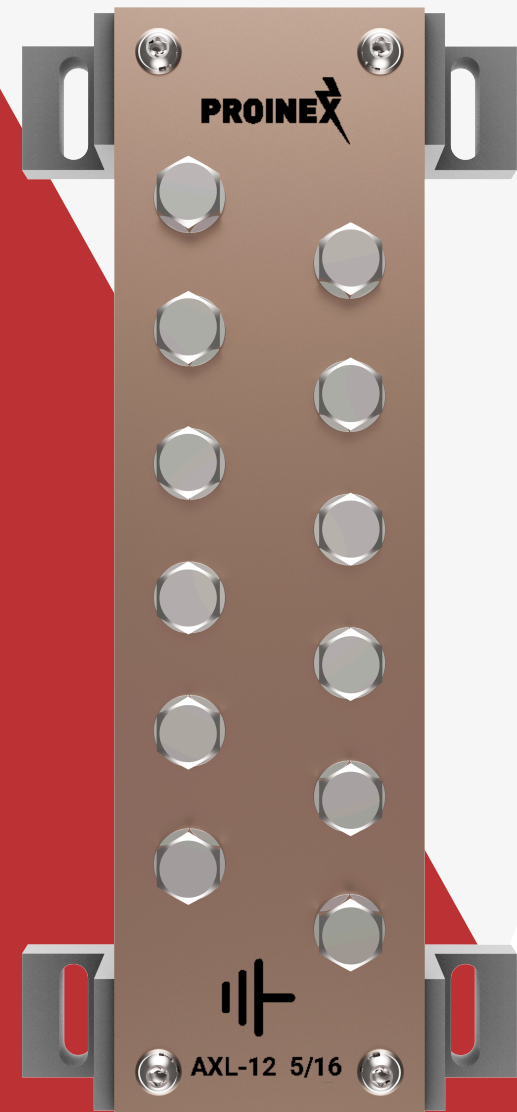


The AXL-12 & AL-16 ISOLATED EQUIPOTENTIAL BONDING BARS are an accessory that facilitate the equipotentialization of up to 12 or 16 components of the grounding system.

The difference with the other equipotential bonding bars is that their mounting base keep them isolated from the structure on which they will be installed.

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Grounding
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EQUIPOTENTIAL BONDING BAR

Technical specifications

AXL-12

- ▶ Length: 9.8 in | 250 mm
- ▶ Width: 4.7 in | 120 mm
- ▶ Height: 1.2 in | 30 mm
- ▶ Number of connections: 12
- ▶ Substrates: Lactic polyacid insulators (biodegradable)
- ▶ Bolts: 5/16" W hex head
- ▶ Equipotential bonding bar: Opaqued 304 stainless steel
- ▶ Holes: 12 holes - diameter 0.35 in | 10 mm
- ▶ Mounting: By means of 4 holes

Grounding
System



EQUIPOTENTIAL BONDING BAR

Technical specifications

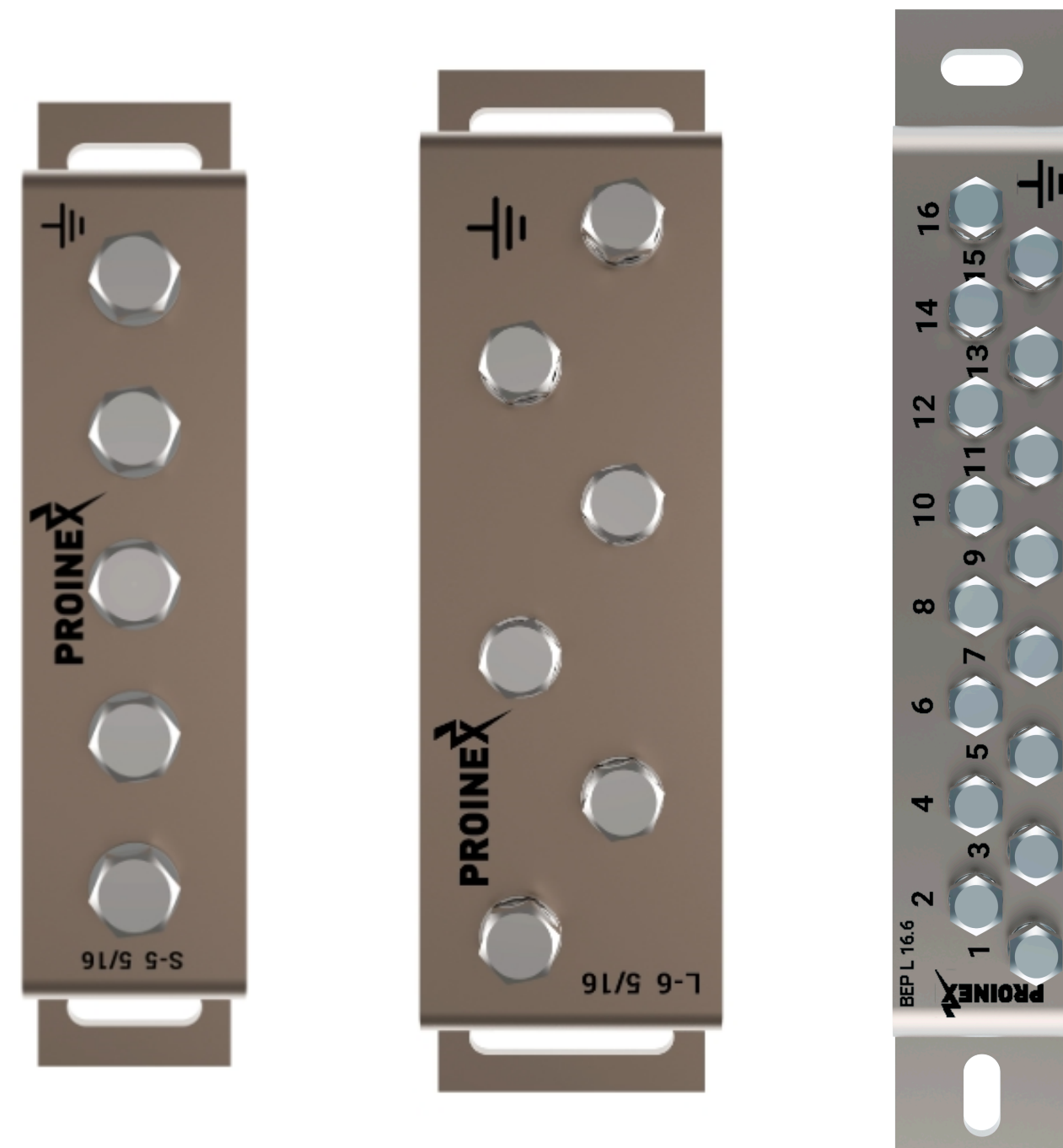
AL-16

- ▶ Length: 10.2 in | 260 mm
- ▶ Connection bar: 7.7 in | 195 mm
- ▶ Width with bracket: 1.9 in | 48 mm
- ▶ Connection bar width: 1.5 in | 38 mm
- ▶ Height: 1.2 in | 30 mm
- ▶ Number of connections: 16
- ▶ Substrates: Lactic polyacid insulators (biodegradable)
- ▶ Bolts: M6 x 0.4 in (10 mm) Stainless steel
- ▶ Equipotential Bonding Bar: Opaqued 304 stainless steel
- ▶ Mounting: By means of 2 holes

Grounding
System

EQUIPOTENTIAL BONDING BAR

S-5 | L-6 | L-16

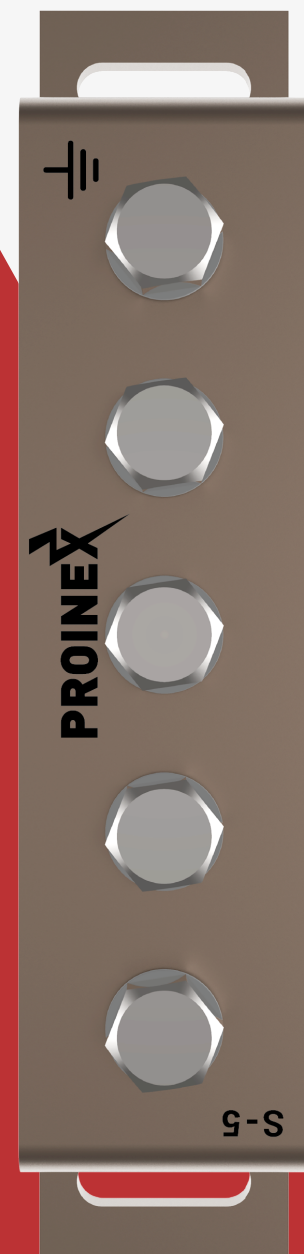


The EQUIPOTENTIAL BONDING BAR is the ideal solution for shunts or multiple connections to different equipment in the installation of an earthing network.

All models (5, 6 and 16 connections) are built in a single piece of stainless steel, cut and punched by laser beam, and then folded by CNC.

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System



EQUIPOTENTIAL BONDING BAR

Technical specifications

S-5

- ▶ Length: 7.9 in | 200 mm
- ▶ Width: 1.6 in | 40 mm
- ▶ Height: 2.0 in | 50 mm
- ▶ Number of connections: 5
- ▶ Bolts: 5/16" W hex head
- ▶ Mounting: By means of 2 holes

Grounding
System



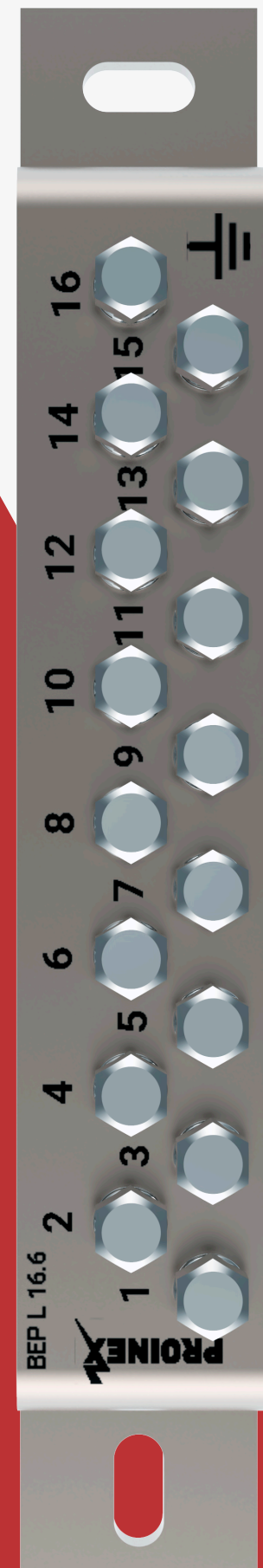
EQUIPOTENTIAL BONDING BAR

Technical specifications

L-6

- ▶ Length: 9.1 in | 230 mm
- ▶ Width: 2.4 in | 60 mm
- ▶ Height: 2.0 in | 50 mm
- ▶ Number of connections: 6
- ▶ Bolts: 5/16" W hex head
- ▶ Mounting: By means of 2 holes

Grounding
System



EQUIPOTENTIAL BONDING BAR

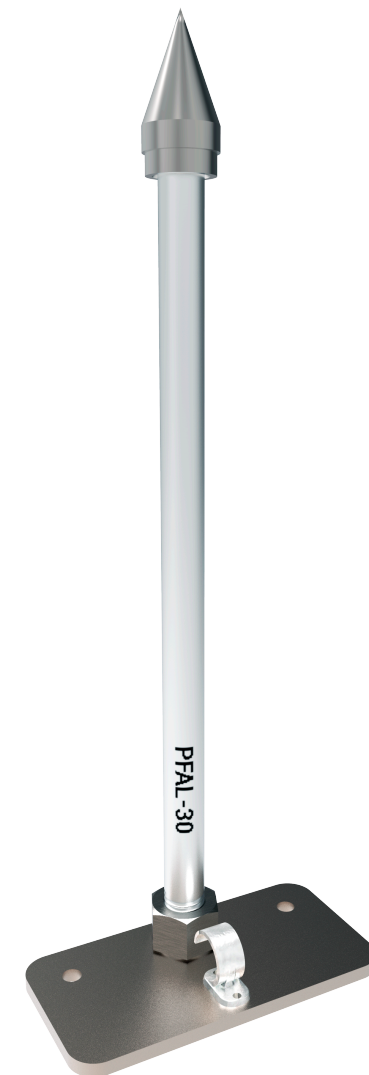
Technical specifications

L-16

- ▶ Length: 10.2 in | 260 mm
- ▶ Width: 1.5 in | 38 mm
- ▶ Height: 1.2 in | 30 mm
- ▶ Number of connections: 16
- ▶ Bolts: M6 x 0.4 in (10 mm) Stainless steel
- ▶ Mounting: By means of 2 holes

FRANKLIN LIGHTNING ROD

PFAL-30



INTI Coverage radius according to
NFPA 780 and AEA 92305

The PFAL-30 FRANKLIN LIGHTNING ROD is made of two types of materials: the lance is made of aluminium, the tip and the base of the rod are made of stainless steel.

This system allows the base to be installed and then the lightning rod, which consists of the lance and the tip, to be screwed onto it.

The advantage of this equipment is that it has a very low maintenance cost. If the lightning rod receives an impact and the tip gets damaged, it can be replaced by a new one at a very low cost.

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Lightning
Protection
System



FRANKLIN LIGHTNING ROD

Technical specifications

PFAL-30

- ▶ Lance Material: Aluminium
- ▶ Tip and Base Material: Stainless Steel
- ▶ Length: 12.99 in (330 mm)
- ▶ Diameter: 0.63 in (16 mm)
- ▶ Thread: 5/8 Pulgadas UNC
- ▶ Base (length - width): 4.72 x 2.36 in (120 x 60 mm)
- ▶ Base (thickness): 0.2 in (5 mm)
- ▶ Mounting holes: 0.28 in (7 mm)
- ▶ Clamp: Galvanised steel

FRANKLIN LIGHTNING ROD

ENZA-2



INTI Coverage radius according to
NFPA 780 and AEA 92305

The ENZA-2 FRANKLIN LIGHTNING ROD is a high performance and a high efficiency lightning rod thanks to its electrogeometric design (which was carefully studied and designed) that increases the lightning attraction power and therefore decreases the possibility of failure of the equipment before the lightning discharge.

It's made mostly of 304 stainless steel, and stands out for its particular aesthetics and small size.

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Lightning
Protection
System



FRANKLIN LIGHTNING ROD

Technical specifications

ENZA-2

- ▶ Material: 100% Stainless steel 304
- ▶ Length: 11.8 in | 300 mm
- ▶ Crown diameter: 5.1 in | 130 mm
- ▶ Probe length: 8.7 in | 222 mm
- ▶ Diameter with mounted electrodes: 11.7 in | 298 mm

ESE LIGHTNING ROD

EOS-34



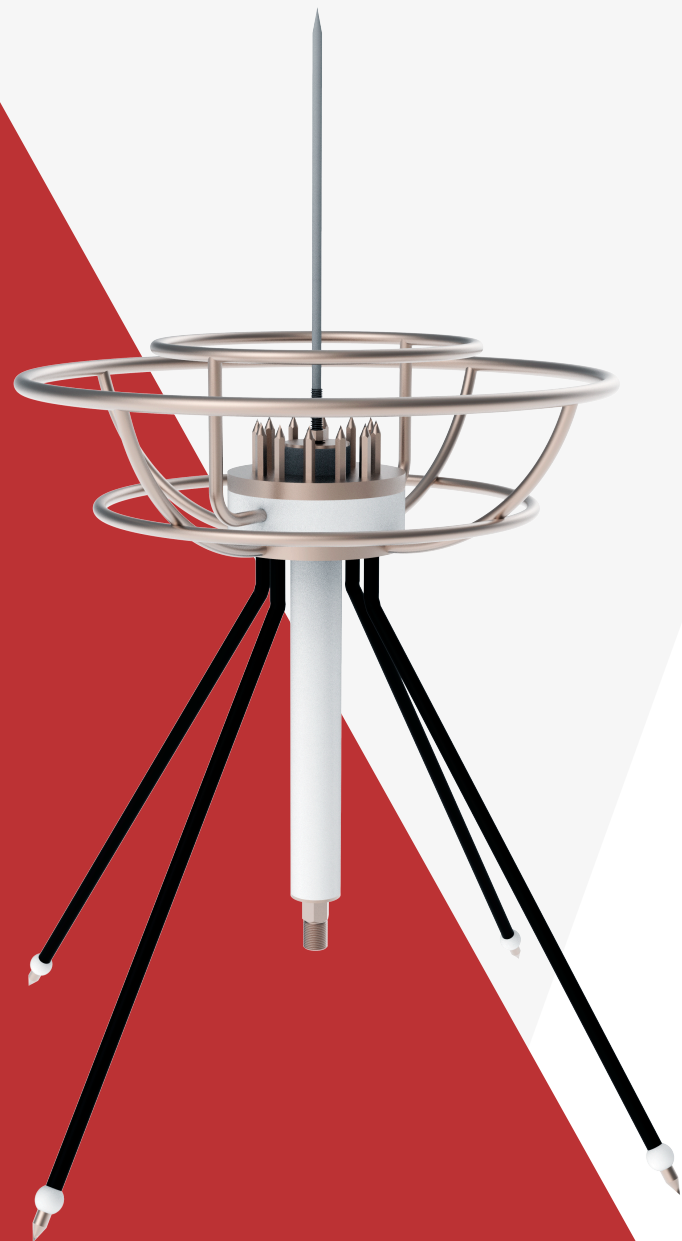
Manufactured according to Standards: **Argentinean IRAM 2426:2002**
French AFNOR:NFC 17-102:1995 | **Spanish AENOR UNE 21186:1996**

The EOS-34 ESE LIGHTNING ROD (early streamer emission) is a unique and effective system for protection against lightning in all types of environments or atmospheres such as oil or gas.

It offers protection to structures within fire and explosion risk environments (ATEX) and/or located in high lightning risk areas such as telecommunication towers, radars, structures in mountain areas, etc.

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Lightning
Protection
System



ESE LIGHTNING ROD

Technical specifications

EOS-34

- ▶ Material: 100% Stainless steel
- ▶ Length: 27.5 in | 700 mm
- ▶ Crown diameter: 16.1 in | 410 mm
- ▶ Probe length: 25.6 in | 650 mm
- ▶ Diameter with mounted electrodes: 22.4 in | 570 mm

LIGHTNING STRIKE COUNTER

LST-87



The LST-87 LIGHTNING STRIKE COUNTER is an electromechanical device whose function is to count the number of times an electric atmospheric discharge impacts on the system where it is installed.

It has a display where you can see the digits that indicate the number of impacts computed, and a conduit through where the connection to the grounding of the collector system must be inserted.

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TO READ MORE

Lightning Protection System



LIGHTNING STRIKE COUNTER

Technical specifications

LST-87

- ▶ Length: 4.13 in | 105 mm
- ▶ Width: 4.13 in | 105 mm
- ▶ Height: 2.39 in | 60mm
- ▶ Weight approx: 28.22 oz | 800 gr
- ▶ Cabinet materials: Cast aluminum, with stainless steel front
- ▶ Operating imin: 300A
- ▶ Operating wave 10/350 µs
- ▶ Maximum number of downloads to be counted: 9999 units

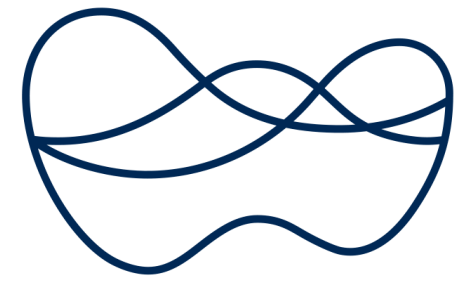


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Thank you!



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