# Wolf® Ex-Proof Splitter Box LL-260 LL-260/SS


The Wolf ATEX Splitter Box is a high-durability, modular ex-proof power distribution unit designed for establishing temporary lighting networks in hazardous areas. Offered by **IST Safety Ltd, the official distributor of Wolf**, these distribution boxes safely split power from a single source to multiple luminaires or equipment, minimizing cable clutter on-site.

Certified for Zone 1/21, the unit features a GRP (Glass Reinforced Polyester) enclosure that is highly resistant to impacts, corrosion, and harsh industrial chemicals. It provides full protection against water and dust ingress with its IP66 ingress protection rating. Fully compatible with LinkEx™ lighting systems, these splitters are available with various ATEX plug and socket options, enabling the creation of a flexible and secure electrical infrastructure in critical sites, from refineries to tank cleaning operations.

## Usage areas

- **Refinery and Petrochemical:** Serving as a central distribution point for temporary lighting networks during maintenance and shutdown operations.
- **Tank Cleaning:** Powering multiple ex-proof lamps from a single main line in confined spaces.
- **Shipyards and Marine:** Safe power distribution for blasting, painting, and assembly works conducted in ship holds and ballast tanks.
- **Heavy Industry:** Points requiring portable power stations in large facilities with explosive atmosphere risks.

The Wolf ATEX Splitter Box is small, portable, and CE marked for safe use in Zones 1 and 2 (explosive gas) and Zones 21 and 22 (dust) atmospheres. It is perfect for power distribution in hazardous confined spaces.

## Certification

- The Wolf ATEX Splitter Box is compact and portable.
- CE marked for safe use in Zones 1 and 2 (explosive gas) and Zones 21 and 22 (dust) atmospheres.
- Ideal for power distribution in hazardous confined spaces.

- The ATEX Splitter Box operates up to 254V and is versatile for various lighting solutions, including task and ambient lighting.
- It is compatible with LinkEx™ LED Temporary Luminaires, Floodlites, and other cable-powered lighting products.
- It allows linking and extending chains of lighting in different areas from one central point, covering a larger area quickly and reducing cable clutter.
- The ATEX Splitter Box can also power ancillary equipment for maintenance alongside lighting.
- Built to high standards, with a Glass Reinforced Polyester (GRP) or 316-grade stainless steel enclosure and a 316 Stainless Steel Skid for better corrosion resistance.
- Its robust construction ensures durability in harsh environments and reliable use.
- Compact, stable design with an integrated handle for easy transport and secure positioning in hazardous gas and dust areas.
- Complies with the EN60079-0,EN60079-1,EN60079-7 and EN60079-31 standards.
- EX II 2 GD Ex de IIC T5 Gb
  Ex tb IIIC T90°C Db IP66* -20°C - +50°C

### Warranty and Technical Support

- **Warranty:** 2-year manufacturer's warranty.
- **Official Support:** Original spare parts and professional technical service are provided through IST Safety Ltd, the official distributor of Wolf in Turkey.

### Standards

Ex-Proof (ATEX)

IECEx

CE 0598

## TECHNICAL DETAILS

- ATEX approved for Zone 1 explosive gas and Zone 21 dust.

- Robust GRP or stainless steel enclosures with a stainless steel skid.
- Compact, lightweight, portable design with an integrated handle.
- Can be fitted with ATX, CEAG, Stahl, and Marechal plugs and sockets.
- Available with SY, Ship's Braided, or H07RN-F input cables.
- Available in 24/48/110/230 Volts.
- Supports versatile lighting setups with LinkEx™ LED Temporary Luminaires, Floodlites, and Handheld Leadlamps.
- Can be ordered with output glands instead of sockets for more products to be powered.
- Optionally available with internal fuses (up to 2) to extend the reach of lighting products.

| ATEX SPLITTER BOX | | |
|---|---|---|
| **Product Reference** | **LL-260 (Suffixes define cable type and length, plug socket and fuse options)** | **LL-260/SS (Suffixes define cable type and length, plug, socket and fuse options)** |
| **Product Description** | ATEX GRP Splitter Box | ATEX Stainless Steel Splitter Box |
| **Enclosure** | GRP (Glass Reinforced Polyester) Enclosure with 316 Stainless Steel Skid | 316 Stainless Steel Enclosure with 316 Stainless Steel Skid |
| **Approval Codes** | II 2 GD Ex de IIC T5 Gb Ex tb IIIC T90°C Db IP66* -20°C - +50°C | |
| **Type of Protection** | "e" increased safety"d" flameproof | |
| **Classification (Gas)** | Zones 1 & 2 | |
| **Gas Groups** | IIA, IIB IIC | |
| **Temperature Class (Gas)** | T5 | |
| **Classification (Dust)** | Zones 21 & 22* | |
| **Max. Surface Temp. (Dust)** | 90°C* | |
| **IP Rating** | IP66* | |

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|---|---|---|
| **Ambient Temperature** | -20°C to +50°C** | |
| **Certificate** | Baseefa12ATEX0268/IECEx BAS 16.0073X (Splitter Boxes fitted with ATX sockets are **not** IECEx certified) | |
| **Voltage** | Up to 254V AC | |
| **Maximum Input Current** | 15A*** | |
| **Plug and Socket Types** | ATX, CEAG, STAHL and Marechal | |
| **Input Cable Types** | SY, Ship's Braided or H07RN-F (HOFR) | |
| **Weight** | 10 KG (nominally)**** | 12 KG (nominally)**** |

## What is ATEX Lighting?

What is ATEX and what does exproof mean? The **ATEX directive** is a set of European Union standards that define the safety requirements for equipment used in hazardous areas with explosive atmospheres. **Exproof** (Explosion-proof) refers to protection methods designed to prevent explosions by inhibiting the formation of sparks or electrical arcs in environments containing flammable gases, dust, or vapors. To ensure life and property safety in industrial facilities, the use of **ATEX-certified exproof devices** is a legal requirement.

## What is ATEX Zone Classification?

ATEX Zone coding is a technical classification based on the frequency and duration of the occurrence of an explosive atmosphere in a given area. While the terms **Zone 0, 1, and 2** are used for risks originating from gas, vapor, and mist; the codes **Zone 20, 21, and 22** are designated for environments containing combustible dust. This classification is a legal standard that determines the required Equipment Protection Level (EPL) for devices. Accurate zone identification both optimizes operational costs and minimizes occupational safety risks.

## What is IECEx Certification? How Does it Differ from ATEX?

In addition to ATEX certification, some projects may also require the IECEx Certification System (International Electrotechnical Commission Explosive Atmospheres System) certification. IECEx is an internationally recognized conformity assessment system for equipment intended for use in explosive atmospheres.

While ATEX is a European Union directive and a legal requirement within the European market, IECEx is a globally accepted certification system, widely preferred in regions such as the Middle East, Asia, and Australia.

From a technical perspective, both ATEX and IECEx are based on similar standards (e.g., the EN/IEC 60079 series). However:

- ATEX is a mandatory legal directive, whereas
- IECEx is an international certification system (voluntary, but widely required)

**Therefore, while ATEX certification may be sufficient for certain projects, international tenders or critical industries such as oil & gas often prefer or require products that are certified to both ATEX and IECEx standards.**

**The appropriate certification should be determined based on the project location, client requirements, and application area.**