



### **INSULATORS**

## We partner with the world's best

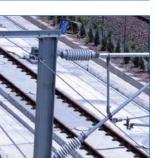
Mosdorfer Graph offers a wide collection of worldclass insulators for distribution and transmission lines and substation and switchgear applications. We carefully select our products based on detailed technical requirements to ensure you receive nothing but the best.

**Suzhou Porcelain** – China's leading manufacturer of porcelain insulators. This product range includes discs, railway designs, and line-post and station-post insulators for voltage ratings between 11kV to 1000kVac.

Sediver – is the world expert in glass disc insulators for DC and EHV applications, as well as polymer-coated discs for high pollution environments. Hundreds of reference projects all over the world are clear evidence for their leading market position.

PPC Insulators - PPC is a major global manufacturer of porcelain insulators for substations as well as for transmission & distribution lines. With more than 1,400 employees in 7 factories in Europe, Asia and South America and its headquarters in Vienna, PPC is serving leading OEMs and utility customers around the world.













Mosdorfer Graph also has strong relationships with other leading insulator manufacturers, and can meet almost any requirement for Low-Voltage pin, shackle and guy-strain insulators, Medium-Voltage pin insulators and bushings, and Cycloaliphatic insulators and electrical components rated up to 66kV.

# LINE HARDWARE AND CONDUCTOR ACCESSORIES

## 300 year history and tradition

Mosdorfer has been forging and casting metals for more than 300 years. Records dating back to 1712 show that the company was at that time already an established manufacturer of swords and sickles. As pioneers in transmission line and OPGW hardware, damping solutions and formed wire products, the Mosdorfer name inspires confidence - when outstanding performance is your number 1 priority.

Mosdorfer Graph will work with you to ensure your project requirements are fully and expertly met. As part of the Mosdorfer family, we can provide:

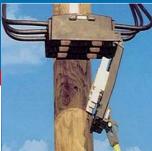
#### **Transmission Line Products**

- Stockbridge vibration dampers
- Conductor and OPGW fittings
- Suspension and support
- Conductor spacers
- Forged line hardware fittings rated up to 300kN
- Corona rings
- HTLS Conductor fittings

#### **Distribution Line Products**

- A complete range of helical fittings for aluminium, copper and steel conductors
- Aerial bundled conductor products
- Insulation piercing connectors
- Fuse-Switch disconnectors
- Heat-Shrink termination & joint kits, sleeves and end-caps













#### **Consulting Services**

- Vibration studies
- Mechanical and electrical laboratory testing
- Research into component performance using Finite element simulations

# SUBSTATION EQUIPMENT

## A 60 year track record

If you want the convenience of dealing with just one supplier for all your substation accessories, Mosdorfer Graph is a smart choice. We supply a complete range of line hardware, station post insulators, conductor accessories, busbar connectors and earth grid connectors.

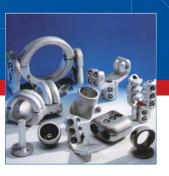
As the local partner of Lorünser – a specialist supplier of substation fittings rated from 132kV-1,000kV, Mosdorfer Graph can call upon more than 60 years' expertise in complex busbar and conductor components for high voltage substations.

Station post insulators can be sourced from several of our partners overseas, which gives us the flexibility to find a product that will satisfy nearly any specification.

We also supply a range of earth grid connectors using a patented "E-Crimp" system from Panduit USA. This

Structured Ground<sup>™</sup> system has been tested to, and is fully compliant with IEEE837-2002: Standard for Qualifying Permanent Connections used in Substation Grounding.

No matter what your project demands, you can be assured that Mosdorfer Graph will maintain a strict quality standard across our wide product range. Consistent product quality is what underpins our rock-solid reputation.











### GLOBAL POWER, LOCAL PRESENCE

Mosdorfer Graph is proudly a part of the Knill Gruppe, which has its headquarters in Weiz, Austria. The Knill organization is a privately owned family business with an international company network.

The Knill Energy division is comprised of many internationally-recognised brand names involved in the development, production, and marketing of products and solutions for the worldwide energy industry. Core competency lies in the production of exceptional quality overhead power line fittings, damping systems, substation clamps and cable accessories.

Mosdorfer comprises a product portfolio that includes conductor accessories, fittings for OPGW, OPPC and ADSS, damping systems, as well as hardware for high temperature conductors. With more than sixty five years of experience, Mosdorfer is active in more than 70 countries on all continents. More than 1,000 projects worldwide with numerous references in Australia are a sign of international excellence.

**Damp** is a specialist in the development and manufacture of conductor spacers, spacer-dampers and stockbridge vibration dampers. Damp is a world leader, supplying over 500,000 spacer-dampers annually for projects in North America, Europe and around the world.

**Ikebana** manufactures heat shrinkable moulded shapes used in termination system such as breakouts, sheds,





boots and sleeving for medium / low voltage applications and heat shrink end caps for a complete range of cables.

Lorünser has been specialising for over 60 years in the development and production of complex components and connectors for high voltage substations. Based in Schlins, Austria, the Lorünser facility is home to highly-qualified engineers and technicians who are expert in finding economic solutions to complex applications - and specialising in making sure that fittings will satisfy the most onerous specifications in terms of current carrying capacity, short circuit withstand, electric field (corona) discharge and mechanical stress.

**OTLM** is a system solution for monitoring and rating overhead lines (OHL) based on real-time monitoring of conductor temperature, sag, load, and weather conditions. OTLM system supports more efficient operation of OHL enhancing safety and flexibility of grid operations. Dynamic operation supports safe utilization of maximum capacity of OHL.

Mosdorfer Graph is fully supported by Knill Energy's resources, and this partnership further enhances the expertise and product range of Mosdorfer Graph in this region.





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