



SUBSTATION CONNECTORS

230 kV & BELOW

PLP designs and manufactures critical substation components, including terminals, couplers, tees, supports, corona rings, and wildlife protection products. PLP has extensive expertise in providing solutions for low, medium, high, and extra-high voltage AC and DC substations up to 1100 kV. PLP offers a large selection of standard connectors with capabilities to custom design products for the customer's needs.

FEATURES AND BENEFITS

- Standard connectors rated up to 230 kV
- Tin plating of connectors and various hardware materials available by special request
- Custom design solutions available to secure your most challenging/unique connections
- Global technical and manufacturing resources with decades of experience to provide immediate assistance



Product Offering

PLP substation connectors are designed, manufactured, and tested for ultimate performance in AC or DC substations. PLP offers a complete line of bolted, welded, and compression fittings in many configurations and sizes. A full line of grounding products is available as well.



Coupler



Terminal



Bus Support



Tee

Engineering & Testing

PLP leverages our global technical expertise in substation design, utilizing our vast knowledge in optimizing substation performance. PLP follows the ANSI NEMA CC-1 Standard for the Testing of Electric Power Connection in the United States. Testing capabilities are available from various PLP global facilities.

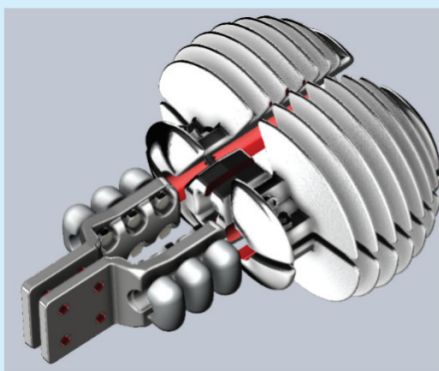
Global Reach, Local Presence

PLP has global technical and manufacturing resources with decades of experience and local sales and support teams to provide immediate assistance. PLP substation connectors have been installed in substations on all continents in extreme conditions and altitudes.

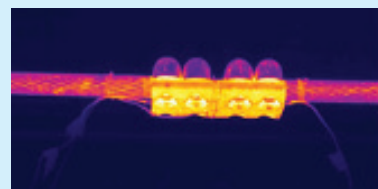
Custom Design Solutions

PLP is ready to support the customers' needs every step of the way from initial design to final installation and beyond. Our customer service and technical support teams are available to assist with the bill of materials based on layouts, product selection, and custom designs.

PLP designed custom hotspot radiators to dissipate excessive/unwanted heat from an aluminum conductor coupler. Notice the fitting operates significantly cooler after installation to ensure long term and reliable use in the field.



Custom-Designed Hot Spot Radiator



Before Installation



After Installation



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