

 COMMUNICATIONS    **ENERGY**    SPECIAL INDUSTRIES    SOLAR



**DISTRIBUTION**



## Company Capabilities, Accreditations & Services

Preformed Line Products (PLP) has been supplying product to Australian power utilities for almost 50 years. Many of the original products are still to be found in the distribution network today, highlighting the exceptionally high quality standards that are expected and supplied.

An extensive range of fittings for bare and insulated overhead and underground systems in the power, distribution and rail networks backed by PLP Australia's Engineering, Testing and Sales Teams.

### TECHNICAL SUPPORT

Preformed Line Products Australia have been market leaders and well respected in the fields of electrical and mechanical engineering for many years, working together to meet the challenging demands of the overhead power industry.

Product design, research and development both locally and with the International Support of PLP's network of 17 sites around the globe ensure PLP offer the best solution for any installation.

### SALES AND MARKETING

A dedicated team focused on exceeding customer expectations and ensuring service and support at the highest level.

With Territory Managers located throughout Australia supported by a centralised Internal Sales and Projects and Tenders Team, PLP are available to assist with your product selection, quoting and ordering needs.

### MANUFACTURING CAPABILITIES

- 12000M<sup>2</sup> factory located at Glendenning, NSW
- Sheet metal fabrication
- Ultra high speed laser cutting
- Aluminium die-casting
- Steel forging, wire forming
- Aluminium stainless steel welding
- Powder coating
- Tool design and manufacturing
- General assembly

### TESTING CAPABILITIES

- Mechanical and electrical type test to Australian and IEC Standards
- NATA Accredited (Mechanical & Electrical)
- AS/NZS ISO 9001 - 2016



Glendenning Office, Sydney



Testing



Aluminium and Stainless Steel Welding



High Speed Laser Cutting



CNC Machining



Dispatch Area

# Products Overview



## INSULATED SYSTEMS

Preformed Line Products manufactures insulated fittings for LVABC, HVABC and CCT to suit aluminium and copper systems for the power distribution sector. Additional to the PLP ABC product range and through a partnership with Michaud Group in France, PLP provides a comprehensive range of insulation piercing connectors (IPC). Michaud's dedication to product quality and technical performance makes them a market leader in the manufacture of IPCs worldwide.



## PROTECTION

Preformed Line Products represents overseas manufacturers of lightning protection products that provide improvements to network reliability and reduce loss of equipment during Lightning. These products include traditional items such as Surge Arresters, Current Limiting Arc-gap Devices (CLAH's) and a newly patented product on the market, namely Streamer Line Lightning Protection Device (LLPD's). This new LLPD, which PLP acts as sole distributor for Streamer, provides additional network reliability and protection to historic systems



## TERMINATION & JOINTING

Preformed Line Products deadend is designed to grip uniformly to prevent distortion of the conductor. It also offers a unique design that eliminates bolts, nuts, washers and other component parts that may become lost or damaged during installation or in service. All deadend fittings have colour coded markings to indicate starting point for application and to assist in identification. Colour codes are as per AS1154.3



## SUSPENSION & SUPPORT

Preformed Line Products Armor-Grip Support is designed to reduce static and dynamic stress at the support point, so that the conductor is better able to withstand the effect of vibration than with Armour Clamp attachments. PLP Armor-Grip Support protect against clamping fatigue through bending and compression stress and against flash over arcing. Intended for use on Aluminium based conductors, and is designed to be used with clamp top horizontal and vertical line post insulators.



## SWITCHGEAR

The inhouse technical expertise and manufacturing capability in Sydney has allowed PLP / AEM offer the industry a range of distribution switchgear. This includes single phase overhead disconnectors (SIL, DIL & SL), smart bypass kits, side and vertical break switch disconnectors.



## TRANSFORMER

Preformed Line Products supply standard range from 10 to 500kva with primary voltages of 11, 22 and 33kV in single phase, single phase SWER, 3 phase or dual ratio. The product is designed and fully type tested to Australian Standard AS60076 and local customer expectations. Products are inspected by local Australian transformer experts to ensure compliance and fit to local expectations. PLP source and partner with Toshiba Transmission and Distribution India (TTDI).



## INSULATOR

Preformed Line Products focus to provide porcelain, polymer and glass insulators for electrical transmission, distribution, sub-station and all other applications. Tested in world class laboratory facilities to Australian and IEC standards. PLP supply voltage ranges varying from 11kV-500kV in both porcelain and polymeric designs. PLP also cater for LV/MV range insulators.



## HARDWARE ACCESSORIES

Preformed Line Products design and manufacture an extensive range of hardware and accessories to suit any application. Such as aluminium clevis thimbles, gain blocks, clamps, ball eyes, hook nuts, galvanised bolts, pole steps, screw anchors, yoke bars etc.



## UNDERGROUND

Preformed Line Products provides a range of Underground Residential Distribution (URD) equipment. This includes turrets, panels and bases, wedge links, shrouds, cable glands and clamps, consumer connection pits, service pit and lid, insulation piercing connectors, pit connectors, LV mains to service branch joints.

**Contact Preformed Line Products for Specific Requirements.  
Ask for a copy of our product full range catalogue  
or visit [www.preformed.com.au](http://www.preformed.com.au)**

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**PREFORMED**  
LINE PRODUCTS

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The Connection You Can Count On