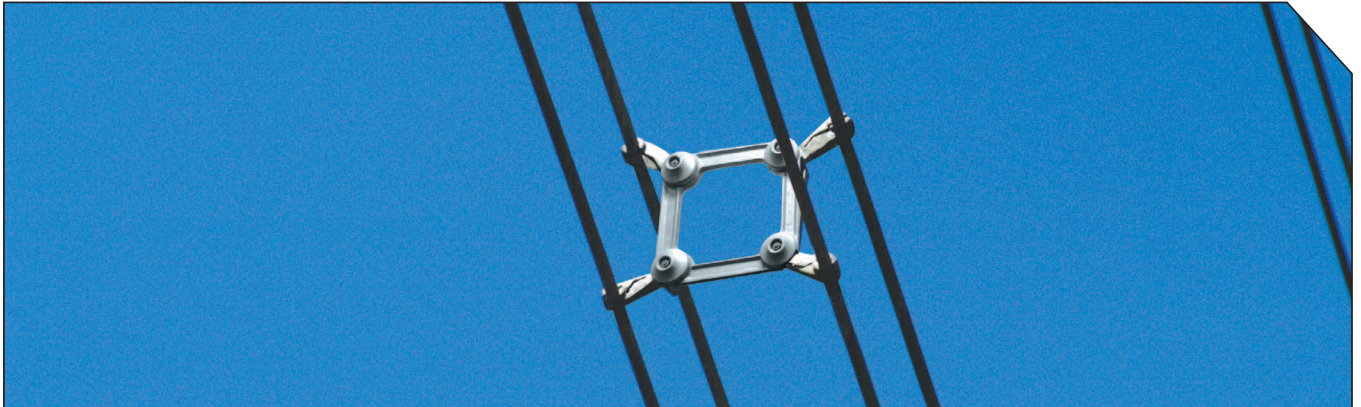


# Spacer Dampers



## General Recommendations



PLP's range of CUSHION-GRIP Spacer Dampers feature elastomer damping elements engineered to absorb maximum energy and protect valuable line hardware. The design provides utmost resistance to conductor fatigue and eliminates the need for additional Stockbridge type dampers. The CUSHION-GRIP range is available for twin, Tri, Quad and hex bundle configurations.

### **Design:**

PLP Australia's current design was developed in conjunction with PLP Brazil and America to meet the demanding requirements of IEC specification 61854 and Australian Standards 1154. The damper was designed to be light weight for ease of installation while maintaining exceptional performance. Standard designs have a continuous thermal rating of 125 °C, however high temperature inserts are available for 200°C temperatures. A high strength quarter turn fastener is used in the conductor clamping element to insure proper installation. This design provides consistent compression of the inserts and ease of installation, without relying on specific bolt torques or bolts with breakaway heads

### **Patented Damping Elements:**

The design utilises unique damping elements which are captured in a way that assures the elastomer is always in compression, consequently providing maximum service life. PLP's CUSHION-GRIP Spacer Damper has been used extensively throughout the world since its introduction in the early 1990's.

PLP uses a proprietary computer program to make product recommendations for maximising damper performance. The program input considers many variables specific to individual lines, their designs, construction, and local operating conditions. The output recommendations include; specific model Spacer Damper, quantity and their placement location on the span.

For Application Procedures, visit the PLP website.

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