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DEC-QD-LRG

Quadrant-Type Dead-End Strain Clamp for Overhead Conductors with Clevis Eye

Product ID: 330553



Image: DEC-QD-LRG

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

The DEC-QD-LRG Quadrant-Type Dead-End Strain Clamp is a heavy-duty, mechanical termination solution designed to anchor and secure overhead conductors in power distribution and utility applications. Constructed from high-strength aluminum alloy with stainless steel hardware, this clamp is engineered to withstand full conductor tensile loads at dead-end and angle locations. The corrosion-resistant materials ensure long service life in outdoor and harsh environmental conditions.

This dead-end strain clamp is designed for use at line terminations, sharp angles, and end-of-line installations where longitudinal tension must be transferred from the conductor to the supporting structure. The quadrant-style clamping mechanism evenly distributes gripping force around the conductor, reducing stress concentrations and minimizing the risk of conductor damage while maintaining a secure mechanical hold.

The clamp accommodates a defined conductor size range and features an integrated eyehole designed to mate directly with standard insulator clevis fittings and pole line hardware. Stainless steel fasteners provide excellent

resistance to corrosion, vibration, and thermal cycling, ensuring dependable performance under sustained mechanical loading and extreme weather conditions.

Designed for compatibility with standard utility structures, the quadrant-type dead-end strain clamp can be installed on poles, crossarms, and structural supports using industry-standard insulators and fittings. Its rugged construction and precision-machined clamping surfaces make it ideal for utility, industrial, and infrastructure power line installations requiring reliable conductor anchoring and strain relief.

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Frequently Asked Questions (FAQ)

There are no Faqs