

Composite Deadend Insulators

Applications

Deadend insulators are designed to support conducting cables in tension or suspension with one side fixed to a pole, cross arm, or guy wire.



Portfolio

Peak Demand's portfolio of overhead Composite Deadend Insulators (CDI) includes a complete line of insulators for 15kV, 28kV, and 35kV systems. Peak Demand's CDI's are fully type tested per latest ANSI/NEMA Standard C29.11 Composite Insulators - Testing Methods and C29.13 Composite Distribution Deadend Type.

Product features

Peak Demand CDIs are engineered to exceed the industry standard for Specified Mechanical Load (SML) by more than 50% by certifying our units to a rating of 70kN, when the industry standard is a mere 44.4kN. Peak Demand CDI's are constructed to withstand harsh grid conditions with high-strength fiberglass rods and hydrophobic silicone polymer molding. Our high pressure manufacturing process ensures complete adhesion of the polymer to the inner fiberglass rod without voids.

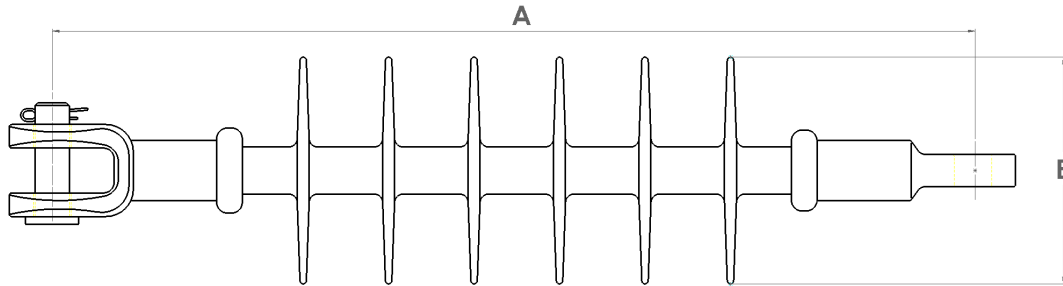
The Peak Demand Advantage

- Local stocking available for just in time delivery
- 90% of orders ship within 24 hours
- Designed and engineered to meet customer specifications
- Fast turn-around time for custom quotations
- Friendly team of industry veterans with decades of experience serving utility customers
- Online ordering, inventory checking, and order status updates at mypeakdemand.com

Specifications and shipping information by part number

| Part Number | A: Length | B: Shed Diameter | Leakage | Dry Arc | Electrical Flashover (kV) | | | | Weight | Quantity | |
|-------------|------------|------------------|------------|-------------|---------------------------|-----|----------|----------|-----------|-----------|-----|
| | in (mm) | in (mm) | | | Dry | Wet | CIFO Pos | CIFO Neg | | Unit (kg) | Box |
| CDI-DS-15 | 12.6 (320) | 4.17 (106) | 18.0 (455) | 8.63 (219) | 108 | 80 | 179 | 177 | 2 (0.9) | 15 | 360 |
| CDI-DS-28 | 17.0 (431) | 4.17 (106) | 29.3 (744) | 12.38 (314) | 145 | 130 | 231 | 226 | 2.2 (1.0) | 15 | 360 |
| CDI-DS-35 | 20.1 (511) | 4.17 (106) | 39.1 (992) | 15.5 (394) | 171 | 156 | 272 | 278 | 2.8 (1.3) | 15 | 240 |

Product comparison



Cross Reference

| ANSI class | Peak Demand | MacLean | Alumaform | K-Line | PPC Insulators (Seves) | Victor | Hubbell | Advanced Rubber Products | Lapp |
|------------|-------------|---------|-----------|-----------|------------------------|------------|-------------|--------------------------|----------|
| DS-15 | CDI-DS-15 | DS-15M | DEI-15 | KL15ASCTM | PDEI-15 | 8015, 8215 | 401015-0215 | ARP-15SKCE-* | 151001CT |
| DS-28 | CDI-DS-28 | DS-25M | DEI-28 | KL28ASCTM | PDEI-25 | 8025, 8225 | 401028-0215 | ARP-25SKCE-* | 151002CT |
| DS-35 | CDI-DS-35 | DS-35M | DEI-35 | KL35SCTM | PDEI-35 | 8035, 8235 | 401025-0215 | ARP-35SKCE-* | |

Notes:

SML 15,738 lbs; 70 kN

RTL 7,870 lbs; 35 kN

ANSI Class DS-15, DS-28, DS-35

Meets the requirements of ANSI/NEMA C29.13

Fiberglass Core, Silicone Housing, ANSI 52-4 Clevis & Tongue End Fittings