

Fiberlink insulators



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ISO 9001
BUREAU VERITAS
Certification



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Conventional composite insulators use pultruded fiberglass reinforced resin rod coupled with either aluminium or galvanized metal end fittings to provide mechanical strength. FIBERLINK offers an innovative improvement to this design by incorporating a whole new manufacturing process.

Fiberlink is the first insulator to utilize a wound fiber strength member along with metal eyelets.

Main advantages

- uses metal eyelets to increase the dry arc distance, thus improving electrical performance
- reduced metal content significantly lowers the overall weight of the insulator, saving you money in shipping and installation
- silicone rubber polymer housings. Injection molding ensures a bonded interface

Technical data

| Type | DS - 15G | DS - 28G | DS - 35G |
|---------------------|------------------|----------|-------------|
| class IEEE 1024 | CI-1 | CI-2 | CI-3 / CI-4 |
| weight | 0,54 kg | 0,73 kg | 0,91 kg |
| length L | 318 mm | 451 mm | 572 mm |
| insulating material | silicone | | |
| eyelet material | galvanized steel | | |

Mechanical data

| | |
|----------------------|---------|
| SML | 66,7 kN |
| maximal torsion load | 47 N.m |

Electrical data

| Type | DS - 15G | DS - 28G | DS - 35G |
|-------------------------------------|----------|----------|----------|
| rated voltage | 12 kV | 25 kV | 38,5 kV |
| critical impulse flashover positive | 202 kV | 286 kV | 325 kV |
| critical impulse flashover negative | 225 kV | 357 kV | 401 kV |
| low frequency flashover (60 Hz) dry | 113 kV | 177 kV | 222 kV |
| low frequency flashover (60 Hz) wet | 112 kV | 157 kV | 199 kV |
| insulating length distance | 381 mm | 660 mm | 884 mm |

