

BSL

composite insulator for line switches

FEATURES

Grey composite insulator for line switches.

This insulator has a resistant fiberglass core covered with weatherproof silicone rubber.

It has two aluminum termination that help the connection with the equipment.

REFERENCE STANDARDS

IEC60815

ROUTINE TESTS

- Visual and dimensional check

TESTS ON DEMAND

- Dry lightning impulse voltage withstand test
- Tensile stress test
- Compression stress test



| Drawing | Lightning impulse voltage withstand | Creepage distance | Ultimate tensile stress | Ultimate compression test |
|---------|-------------------------------------|-------------------|-------------------------|---------------------------|
| 2501 | 75 kV | 450 | 10 kN | 12 kN |
| 2502 | 95 kV | 600 | | |
| 2503 | 125 kV | 675 | | |
| 2504 | 170 kV | 975 | | |
| 2505 | 250 kV | 1275 | | |
| 2506 | 325 kV | 1800 | | |
| 2507 | 325 kV | 1935 | | |
| 2508 | 250 kV | 1400 | | |
| 2509 | 170 kV | 1120 | | |
| 34341 | 325 kV | 2440 | | |