BUSHING OIL-AIR TYPE BRIT-S-90'-110-550/800

Rated voltage
- 110 kV
- 135 kV
- 78 kV

Max. operating voltage
- 135 kV

Voltage phase to ground, max.
- 135 kV

Lightning impulse voltage
- 1.2/50 μs

Wet withstand voltage, 1 min., 50Hz
- 550 kV

Dry withstand voltage, 1 min., 50Hz
- 230 kV
- 265 kV

Rated current of the bushing
- 800 A

Wire cross-section, lmax
- 400 mm²

Rated thermal short-time current, IN
- 70 kA
- 50 kA

Rated dynamic current, ID
- not more 2x10⁻⁴ Q/2Uf

Partial discharge
- 1200 mm

Clearance distance
- 1200 mm

Arcing distance
- 1200 mm

Ambient temperature
- -50°C to +55°C

Max. mounting angle from the vertical
- 90°

Test condenser load 1 min.
- 3150 N

Seismic resistance on a scale MSK-64
- 4 point

Filling
- Transparent/gray

External insulation/colour
- Inner insulation

Catalogue no. | L | L1 | L2 | L3 | L4 | L5 | L6 | D4 | D5 | D6 | D7 | D8 | Center of gravity | Mass
---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
KH 1.9.002-S | 2393 | 653 | 5350 | 228 | 350 | 550 | 18 | 24 | B | 172 | 266 | 1190 | 62 kg
KH 1.9.003-S | 2700 | 342 | 1378 | 172 | 400 | 535 | 28 | 24 | B | 190 | 446 | 1440 | 109 kg
KH 1.9.004-S | 2500 | 270 | 1350 | 300 | 250 | 290 | 18 | 18 | B | 172 | 224 | 1260 | 84 kg
KH 1.9.005-S | 2700 | 970 | 1350 | 300 | 250 | 290 | 18 | 18 | B | 172 | 224 | 1440 | 87 kg

*Inner terminal with another length and other terminals may be used
**The bushing KH 1.9.003-S is supplied with adapter flange

Type of bushing
BRIT-S-90'-110-550/800

Release 7

ABB
ABB, Russia

You can always look for the latest release of drawing at http://www.abb.com in the section: Products and systems-Transformers-Components