
Rated voltage 110 kV
Max. operating voltage 135 kV
Voltage phase to ground max 78 kV
Lightning impulse voltage 1.2/50 mcs 550 kV
Wet withstand voltage, 1 min, 50Hz 230 kV
Dry withstand voltage, 1 min, 50Hz 265 kV
Rated current of the bushing 2000 A
Wire cross-section, I_max 4x400 mm²
Rated thermal short-time current, Ith 50 kA
Rated dynamic current, I_d 125 kA
Partial discharge not more 2x10⁻¹² Q/2uf
Creepage distance not less 4195 mm
Arcing distance 1138 mm
Ambient temperature -60°C...+50°C
Max. mounting angle from the vertical 0°...90°
Test cantilever load 1 min 2500 N
Seismic resistance on a scale MSK-64 9 point
Filling micagel
External insulation/colour porcelain/brown
Inner insulation

Catalogue no. | L | L1 | L2 | L4 | D4 | D5 | d1 | n1 | Mass
---|---|---|---|---|---|---|---|---|---
KH 1.9.001Y with adapter flange 2740 1007 1548 1448 472 480 528 24 9 232 kg
KH 1.9.001Y 2740 1035 1520 1420 500 380 420 22 12 200 kg
KH 1.9.007Y 2430 725 1420 420 186 kg

*Inner terminal with another length and other terminals may be used

ABB, Russia
Type of bushing

Release 5

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