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Bushing type SF6 insulated, Insulator material Composite

Rated Voltage:
- ac (only): 420 kV Phase-Phase
- dc (only): 320 kV Pole-Ground

Combined voltage (U_N, Highest voltage):
- Dry Power Frequency (60 sec / 1 hour): 1225 kV rms
- Dry/wet Switching Impulse: 1000/590 kV
- Lightning Impulse: 760 kV
- Polarity Reversal: 590/- kVdc (only dc application)

Rated Current:
- DC Withstand Voltage 2 hour: 3150 kVdc (only dc application)

Capacitance C:
- ac: +/-10% pF
- dc: 4250 pF

Filling Pressure at 20°C:
- 0.57 MPa abs.

Mass on filling density approx.:
- 931 kg
- 892 kg

M12 hole for earthing

Gas valve and Density guard

Rating plate

Bursting disc
To be installed downwards

The bushing shall be installed in a non-magnetic mounting plate.

Verification of capacitance and tanδ must be performed with insulating flange.

Ordering Data:

BUSHING
KJSC004094-AAC

TERMINAL (A, B) MATERIAL D L0 L1 MASS (kg) Note
None
KJSC002786-AAB Al 60 140 880 3 Max 2500A
KJSC002786-AAA Cu/Ag 80 150 990 9 >2500A

Density guard changed, mass updated

ABB

Wall bushing
GGFL 1225/420/3150

C
Density guard changed, mass updated

I7SC004903-AAC

ABB

Wall bushing
GGFL 1225/420/3150

C
Density guard changed, mass updated

I7SC004903-AAC

ABB