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Bushing Data:
- Bushing type: SF6 insulated
- Insulator material: Composite
- Rated Voltage:
  - ac (only) 245 kVrms Phase-Phase
  - dc (only) 320 kVdc Phase-Ground
- Combined voltage (Um Highest voltage):
  - Evaluated on request kVrms
- Lightning Impulse 840 kV
- Dry Switching Impulse 700 kV
- Dry Power Frequency (60 sec / 1 hour) 395/- kVrms
- DC withstand voltage 2 h 504 kVdc (only dc application)
- Polarity Reversal - kVdc (only dc application)
- Capacitance C 170 +/-10% pF
- Rated Current:
  - ac 50Hz 3150 A
  - dc 3150 A
- Min Creepage Distance, A-side 7990 mm
- Min Creepage Distance, B-side 12500 mm
- Filling Pressure at 20°C 0.57 MPa abs.
- Mass at filling density approx. 397 kg
- Mass empty approx. 376 kg

Ordering Data:
- BUSHING
  - 1ZSC026710-AAC
- TERMINAL (A, B)
  - MATERIAL: Cu/Ag
    - D 130 / L0 160 / L1 230
    - >2500A
  - MATERIAL: Al
    - D 60 / L0 140 / L1 183
    - 2,7 Max 2500A
  - MATERIAL: Cu/Ag
    - D 80 / L0 150 / L1 193
    - 9,3 >2500A
- DENSITY GUARDS
  - NOTE
    - 1ZSC026241-AAA ABB Standard
- CORONA SHIELD
  - 1ZSC003099-AAA

Verification of capacitance and bushing impulse withstand shall be performed with insulating flange.

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

ABB

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