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ABB
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Bushing Data:
Application for 500 kV DC
Combined voltages evaluated on request
Dry power frequency, 1 min 50 Hz 150 kV
Dry switching impulse 1075 kV
Arc switching impulse 1075 kV
Dry lightning impulse 1800 kV
DC withstand voltage 740 kV
Polarity reversal 100 kV
A withstand current with switch open 5000 A
Creepage distance, minimum 20000 mm
Mass 2250 kg

Ordering Data:
BUSHING
1ZSC055000-008 Test tap, test level 2 kV
AIR INSULATOR TYPE
Composite insulator with silicone rubber sheds
OUTER TERMINAL
41.44191 R2 (mm) D2 (mm)
1ZSC048392 41.44 66 60
DRAW ROD SYSTEM
1ZSC026200-006 Lower draw rod standard
On request Lower draw rod additional joint H1
1ZSC026805-ABM Upper draw rod standard
On request Upper draw rod additional joint H1
Draw rod system requires support tube
CORONA SHIELD
1ZSC026104-ABT

Note 1) Maximum length for grounded parts
2) Maximum allowed torque (torsion)
on outer terminal: 250 Nm

Threaded hole M8 for pulling wire

1) Maximum length for grounded parts
2) Maximum allowed torque (torsion)
on outer terminal: 250 Nm