HV Capacitor & Filter Banks

SM Series
SME.CC | SMB.CC
HV Capacitor & Filter Banks
SM Series

SME.CC Series Metal Enclosed Capacitor Banks are manufactured based on SME series type tested metal enclosed switchgears, designed for indoor use, tested according to IEC 62271-200 standard.

SME.CC Capacitor Banks consist of capacitors, current-limiting reactors (or harmonic filter reactors), protection, control and switching elements used in the switchgear. The design incorporates natural convection or forced draft cooling according to the application with anti-condensation heaters to assist in controlling the effects of fluctuating ambient temperatures and humidity.

SME.CC Capacitors Banks, have an electrical and mechanical interlocking safety systems. These systems eliminate the possibility of a technician accessing live equipment under the high voltage level.

The enclosure incorporates fork and crane lifting facilities. This assists with trouble-free handling and assembly of modules on site.

Advantages
- Modular, compact, and robust design optimized for possible future expansion, easy transport, storage, and installation
- Ensures high reliability and low maintenance costs with simplified design and proven components usage
- Fully assembled units, factory tested and ready for connection

Application Areas
High Voltage Reactive Power Compensation and Harmonic Filtration at
- Power generation
- T&D
- Industrial plants

Standards
- IEC 60871-1
- IEC 60076-6
- IEC 62271-200

Technical Specifications
- Voltage : 3 - 40.5 kVac
- Frequency : 50 / 60 Hz
- Steps & Power : Depends on request
- Dimensions : Varies with power and voltage
SMB.CC Series Outdoor Capacitor Banks consist of SMB series metal enclosed kiosk designed for outdoor use, tested according to IEC 62271-200 standard.

SMB.CC Capacitor Banks consist of capacitors, current-limiting reactors (or harmonic filter reactors), protection, control and switching equipment used in the switchgear. The design incorporates natural convection or forced draft cooling according to the application with anti-condensation heaters to assist in controlling the effects of fluctuating ambient temperatures and humidity.

SMB.CC Capacitors Banks, have an electrical and mechanical interlocking safety systems. These systems eliminate the possibility of a technician accessing live equipment under the high voltage level.

The enclosure base frame incorporates fork and crane lifting facilities. This assists with trouble-free handling and assembly of modules on site.

Advantages
• Compact, and robust design, easy transport, storage, and installation
• Ensures high reliability and low maintenance costs with simplified design and proven components usage
• Fully assembled units, factory tested and ready for connection

Technical Specifications
• Voltage : 3 - 40.5 kVac
• Frequency : 50 / 60 Hz
• Steps & Power : Depends on request
• Dimensions : Varies with power and voltage

Standards
• IEC 60871-1
• IEC 60076-6
• IEC 62271-200

Application Areas
High Voltage Reactive Power Compensation and Harmonic Filtration at
• Power generation
• T&D
• Industrial plants
Owing to periodical improvements of our products the supplied products may differ in some details from the data stated in this prospectus.

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