

# HV Capacitor & Filter Banks

## SMB CC Series



**SMB CC series** Kiosk type Capacitor & Filter Banks consist of metal or concrete kiosks, designed for all weather conditions and harsh environmental factors as according to IEC 62271-202 standard.

SMB CC consist of HV Capacitors, Harmonic filter/ current-limiting reactors, Switching, Protection and Control equipment. The design incorporates natural or forced cooling according to the application with smart anti-condensation relay and heaters to assist in controlling the effects of fluctuating ambient temperatures and humidity.

SMB CC Capacitors Banks, have electrical and mechanical interlock to eliminate the risk of technician accessing live equipment under the voltage.

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
- High resistance to environmental factors

### Application Areas

High Voltage Reactive Power Compensation and Harmonic Filtration at

- Power generation
- Power T&D
- Industrial plants

### Technical Specifications

- Voltage : 3 - 46 kVac
- Frequency : 50 / 60 Hz
- Steps & Power : Depends on request
- Dimensions : Varies with power and voltage



### Standards

- IEC 62271-202
- IEC 60871-1
- IEC 60076-6