

# SPGLbTBB(z) Automatic Capacitor Banks



The series SPGLbTBB(Z) automatic step capacitor banks are especially designed to automatic steps compensate the reactive energy in power networks indoor operation, permitting the correction of the fluctuation caused by lineal, as well as the non-lineal electrical loads.

## Features

- Indoor mounting
- Automatic 6 steps Max.
- Automatic protection of voltage and current.
- Automatic harmonic (THD) cut off
- Vacuum contactor switching
- Detuned / filter reactor connection
- Harmonic display & control
- Multi-protection
- Multi-alarm
- Keypad lock
- Communication is available on request

## Specification

Power Voltage	180 to 10000kvar up to 24kV
Insulation level	Up to 50/125kV BIL
Frequency	50/ 60Hz
Arrangement	Grounded Y, Ungrounded Y or Delta
Step Capacitors	6 steps Max.
Control Voltage	120 or 240VAC
Temperature Range	-25°C/+55°C
Cabinet	Steel
Features	Automatic step control
Control Options	Vacuum contactor switched
Standards	IEC, ANSI & IEEE
Display	Multi
Dimension	Control bank:2000x800x1000, capacitor bank:2200x1200x1000(HxWxD)

## Capacitor

Phase	Single or Three
Fusing	Internal fuse is available
Discharge Resistors	Built-in, <75V 5min or on request.
Losses	≤0.15W/ Kvar including resistors
Dielectric	Polypropylene film
Impregnant	non-PCB
Container	Mild steel
Bushings	Grey porcelain one, two or three

## Vacuum switch

Switch Continuous Current	200A Capacitive
Open/Close Time	100msec
Mechanical Endurance	25,000+CO
Position Indicator/Trip Lever	include

## Electric connection & Mounting draw

