

Capacitor Bank Panel

Low voltage withdrawable capacitor bank panel

Applications	Reactive Power Compensation
Description	
Capacitor bank panel included	(1 number incoming cubicle + ...number capacitor bank cubicle)
Capacitor bank panel cubicle included	maximum 5 number capacitor bank feeder
Type of capacitor	Cylindrical aluminum case, dielectric consisting of metallized polypropylene foil and a PCB-free impregnant
Standard	IEC 61439 - 1, 61439 - 2
Electrical Characteristics	
Rated operational voltage (U_e) (VAC)	400 - 690 (on request)
Rated insulation voltage (U_i) (VAC)	690 - 1000
Rated impulse withstand voltage (U_{imp}) (KV)	8 - 12
Degree of pollution	3
Frequency (HZ)	50 / 60
Main busbars	Single busbar
Rated horizontal busbar (A)	Up to 3200 A
Rated vertical busbar (A)	1250 A
Rated short-time withstand current (KA rms / 1 s)	50
Rated peak withstand current (KA)	105
Incoming	Cable with or without Breaker
Control	Automatic with Regulator / Manual
Power Protection	HRC fuse / MCCB (option)
Ventilation	Cooling
Number of capacitor bank feeder / cubicle	5
Maximum KVAR / cubicle	250
Maximum KVAR / feeder	50
Total height (mm)	2350
Incoming width (mm)	700
Capacitor bank cubicle width (mm)	550
Capacitor bank cubicle functional unit	WWW
Capacitor bank cubicle form	3 b / 4
Degree of protection	IP 30 / 31 / 40 / 41 / 42
Surface protection	Polyester powder coating (oven curing)
Standard color	*RAL 7032 / 7035
Cable entry	Bottom or top

* Other colors on request