



VAJRA

Power Factor Improvement Switched Capacitor system

KVAh Bill Saver



VAJRA – CR , CS.

RATING

**10, 20, 30, 40, 50, 60, 75 &
100KVAR @ 440V / 50Hz / 3P3W**

RESOLUTION:

10% expandable to 2.5%

Heavy Duty Low Loss Capacitors

CR: 187Hz Detuned reactors for
Harmonic prone environment.

CS: Suppression Coils for surge
control and general linear load.

**2 Years OPERATIONAL
WARANTEE.**



FLOOR MOUNTED



WALL MOUNTED

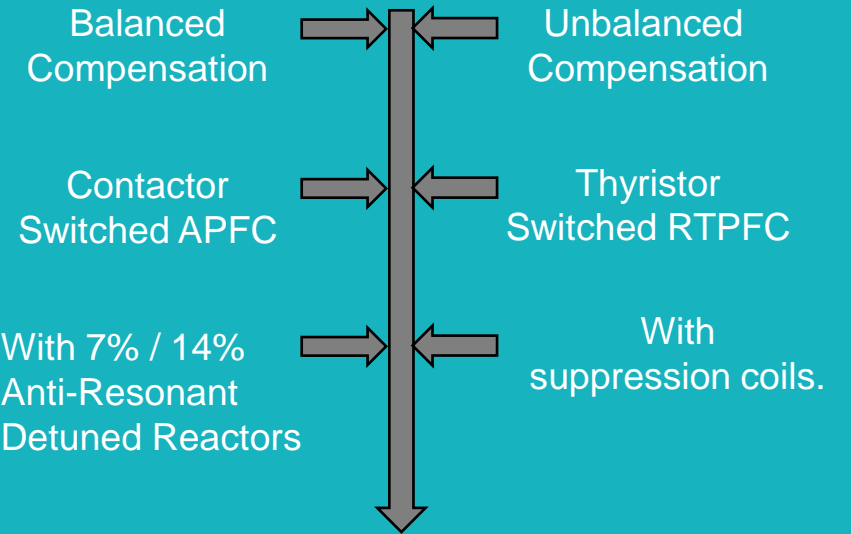
VAJRA , 440V/50Hz/3P3W

Rating kVAR	Capacitor Banking Configuration (kVAR)					
WALL MOUNTED						
10 kVAR	1	2	2	5		
20 kVAR	2	4	6	8		
30 kVAR	2	4	4	10	10	
40 kVAR	2	4	4	10	20	
50 kVAR	2	4	4	10	10	20
FLOOR MOUNTED						
60 kVAR	2	4	4	10	20	20
75 kVAR	5	5	15	25	25	
100 kVAR	5	5	15	25	25	25

Specifications

Rated Voltage	: 415V-440V/3P3W
Frequency	: 50Hz
Rating kVAR	: 10/20/30/40/50/60/75/100 kVAR
PF Controller	: TAS make PF controller (Modbus/IoT optional)
Contactors	: Capacitor Duty Contactors with reputed make
Thyristor Switches	: TAS make Thy-Speed (fast switching application)
Capacitors	: Heavy Duty Cylindrical Capacitors rated 440V/50Hz
Incoming/Outgoing	: MCCB 25kA as Incomer and HRC fuses for capacitor bank protection
Panel Design	: Standard enclosure with Axial flow fan with Louver & Thermostat, separate compartment for capacitor banks and switchgears
Protection Class	: IP 40 (IP50/IP65 Optional)

**All specifications are typical and subject to change without notice*



RETURNS ON YOUR INVESTMENT

NORMAL PAYBACK PERIOD VARIES
BETWEEN 6 MONTHS TO 2 YEARS.

- KVAh billing reduction And / Or Power Factor Incentive (Depending upon Supply Distribution Company billing regulation)
- Reduction in kVA Maximum Demand charges
- Improvement in Voltage Stability giving better results with Electrical equipment failures



2 – YEARS PERFORMANCE WARRANTY

PROFESSIONAL ENGINEERING FOR
EXCELLENT DESIGN & MANUFACTURING
QUALITY

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