CELEC

INSPIRED FOR ENERGY SAVING



Capacitor Bank with Detuned Harmonic Filter



440 kVAr
Total capacity

480 V
3-Phase, 60 Hz

8 steps
Individually controlled

2000 A
Suitable facility

MODEL	H-440
Full Load Current	529 A
Operating ambient	Up to 104°F
Dimensions	87" x 57" x 31.5"
Mounting	Floor mounting
Weight Net/Gross	1944 / 2176 lbs
Sensing	Rogowski coil Rope CT
kVAr Steps	55 x 8

Why APFC Detuned Harmonic Mitigation Panel?

CELEC H-440 Detuned Harmonic APFC Panel is designed for harmonic producing loads like VFDs, UPS systems and rectifiers. It is typically recommended where I-thd exceeds 20% and V-thd exceeds 7%. Detuned reactors prevent resonance and protect capacitors from harmonic overload, providing reliable power factor correction under High Harmonics Network.

- Detuned harmonic reactors are connected in series with the capacitor banks in all steps of the power factor correction panels.
- Standard 7% detuned harmonic reactors are used.
- Dual over-temperature protection Independent protection for each capacitor step.
- Temperature-controlled fan operation.



Reduced Electric Bills



Lower Demand Charges



AI Cloud Power Logger



Surge Suppression



Budget Friendly





www.celec.com



CELEC Enterprises | 423, Industrial Area - A, Ludhiana, PB - 141003, IN. | +1-424-364-2640 | E-mail : usa@celec.com

* Savings depend on utility tariffs and usage.