

## 4. Detuned APFC Panels for Harmonic loads

Automatic Detuned APFC systems are used in industries where harmonic generating loads are predominantly high.



### Application :

- Automobile Industries
- Steel Melting Furnaces
- Software Parks
- Commercial Complex

### Salient Feature :

- Heavy Duty All Film / Mixed Di-electric Capacitor confirming to IS 13585 (Part-I-1998) / IEC 60931 (Part-I-1997) provided in the panels
- Switch Gear and components used of reputed manufacturers only
- Switching with capacitor duty power contactors
- Microprocessor based Power Factor Controllers
- External Auto / Manual feature incorporated

### Technical Specifications :

- |                 |                                 |                   |   |
|-----------------|---------------------------------|-------------------|---|
| • Rated Voltage | : 415/440/500/525/600/690 volts | • Cable Entry     | : Top / Bottom  |
| • Rating        | : From 100 Kvar – 1500 Kvar     | • Capacitors      | : All Film/Mixed Di-electric type with non-PCB oil                    |
| • Incomer       | : MCCB/ACB/Fuse Switch          | • Series Reactors | : Detuned, Copper / Aluminium wound iron-core dry type, 189 Hz (P=7%) |
| • Protection    | : HRC Fuses / MCCB              |                   |   |