Cost-effective power factor correction for underground distribution systems

SmartBank™
Pad-Mounted Capacitor Banks
Trinetics Capacitors

- For 15kV, 25kV and 35kV applications
- 50, 100, 150, 200, 300 and 400 kVAR standard sizes
- 2-bushing or optional single bushing configuration
- External or optional internally fused
- Custom kVAR ratings for power factor correction and harmonic filter bank applications are available.
SmartBank™ Pad-Mounted Capacitor Banks

OPTIONS:

- Choice of oil, vacuum, or solid dielectric switches for switched banks
- Current-limiting reactors
- Neutral unbalance detectors
- Loop or radial feed designs
- 11 gauge enclosure
- All stainless steel/all aluminum enclosures available
- Sized for the additional units required in the future
- Available through 15-35 kV class
- Control power transformer
- Zinc-rich primer for severe environments

“Universal” mounting bracket designed to accommodate the standard dimensions of Trinetics or other currently available capacitors to minimize design time and enable quick turnaround.

“Universal” mounting bracket also accommodates your choice of UltraVac (not shown) VS or CSD switches

Separate fusing for Control Power Transformer (CPT) is optional

Tilt-out CPT for easy service access

Choose group fusing or individual capacitor fusing, expulsion or current limiting fusing; coordinated with capacitor case rupture curves.

Your choice of arrester to protect against transient over-voltages caused by lightning or switching surges.

Trinetics capacitor or other brand of capacitor can be accommodated
**What we need to know to build your Pad-Mount SmartBank**

Copy, fill out and fax this form or complete the form online at www.Trinetics.com.

### ENCLOSURE

**Material**
- 12 gauge steel (HRPO) (standard)
- 11 gauge steel (HRPO)
- Stainless steel
- Aluminium
- Other

**Paint color**
- Munsell Green 7GY 3.29/1.5 (standard)
- Gray (ANSI 70) Munsell 5BG 7.0/0.4
- Gray (ANSI 61) Munsell 8.3BG 6.10/0.54
- Other

**Use a zinc-rich primer?**
- Yes
- No

**Configuration**
- Dead front 200A Bushing Wells
- Dead front 600A Bushings
- Live front

**Feed style and termination**
- Radial feed (standard)
- Loop feed with extra bushings
- Loop feed with extra depth for elbows or tee's

### CAPACITORS

**Frequency**
- 50 Hz (standard)
- 60 Hz (standard)

**Rated unit voltage**

**Unit kVAR rating**

**Bushings**
- One
- Two

**Capacitor BIL**

**Volts**

### SYSTEM

**System voltage line-to-line**

**Bank connection**
- Grounded wye
- Ungrounded wye
- Delta

**Phase voltage**

**Total bank kVAR rating**

**System BIL and voltage class**
- 95kV BIL, 15kV
- 125kV BIL, 25kV
- 150kV BIL, 35kV

**Current rating**
- 200A
- 600A

### ACCESSORIES

**FUSING**
- Grouped
- Individual

Select one of the following:
- Trinetics standard (clip mounted, current limiting, general purpose fuse)
- Customer specification

**Manufacturer**

**Style**

**Voltage rating**

**Current rating**

**Catalog number**

**ARRESTERS**
- None (standard)
- Customer specification

**Manufacturer**

**Style**

**Voltage rating**

**MCOV rating**

**Catalog number**

### SPECIAL REQUIREMENTS

**15kV Standard Footprint**

<table>
<thead>
<tr>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>64&quot; (1,626 mm)</td>
<td>64&quot; (1,626 mm)</td>
<td>60&quot; (1,524 mm)</td>
</tr>
<tr>
<td>64&quot; (1,626 mm)</td>
<td>70&quot; (1,778 mm)</td>
<td>60&quot; (1,524 mm)</td>
</tr>
</tbody>
</table>

©2013 Hubbell Power Systems. All rights reserved. Hubbell, the Hubbell logo are registered trademarks or trademarks of Hubbell Power Systems. All other trademarks are the property of their respective owners.