

## RFG form for Medium Voltage Automatic Metal-Enclosed Capacitor Banks

Phaseco, Inc. Metal Enclosed Capacitor Banks are designed for utility, commercial and industrial consumers requiring automatic power factor correction. The banks come fully assembled and tested ready for installation.

### System Data:

Total KVAR Requirements \_\_\_\_\_

System Voltage (kV) L-L \_\_\_\_\_

Total Number of Stages \_\_\_\_\_

Three-Phase Short  
Circuit KVA \_\_\_\_\_

Desired KVAR Per Stage \_\_\_\_\_

System Connection    Wye        Un-Grounded Wye        Delta   

- **Enclosure:**

Galvannealed Steel   

NEMA 1 Indoor   

Stainless Steel   

NEMA 3 R Outdoor   

Aluminum   

- **Load Interrupter Air Disconnect Switch**

Fused                          Non-Fused   

- **Ground Switch**

- **Lighting Arresters**

- **Transit Current Limiting Reactors**

Required with automatic banks unless Zero Voltage Closing Control or switches with pre-insertion resistors are utilized.

- **Switching Devices**

Vacuum Switches                          Oil Switches        Zero Voltage Closing Switches   

- **Individual Capacitor Current Limiting Fuses**

- **Coordinated Electrical and Mechanical Key Interlocks**

- **Control Power Transformer**

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- **Customer Control Power**

120 vac       240 vac       125 vdc       48 vdc

- **Blown Fuse Indicating System**

- **Automatic Capacitor Bank Controller**

Power Factor       Current       Voltage       Var Load       Temperature   
Time-of-Day       SCADA

### Additional Standard Features

- **1100 CFM exhaust fans with thermostat control**
- **500 watt 240 vac rated heat strips with thermostat control**
- **¼" x 2" standard copper ground bus through the width of the enclosure**
- **Power terminations**
- **H-O-A switches**
- **Red & Green Stage "ON/OFF" indicating lights**
- **4" C Channel base**

### Additional Optional Features

- **Digital Power and Power Quality Meters**
- **RS 485 Communications package**
- **Roof Bushings**
- **Roll-out vacuum circuit breakers**
- **Current Transformer as required**

**Comments:** \_\_\_\_\_  
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