

Medium Voltage Metal Enclosed Capacitor Banks

Application Checklist

To assist with initial design parameters, the following should be completed.

Nominal System Voltage(Volts RMS): _____

System Configuration:

Delta _____ Ungrounded Wye _____ Grounded Wye _____

Fault Current:

Three Phase: _____ Phase to Phase: _____

Frequency (Hertz): 50 _____ 60 _____

kVAR Requirements:

Total Rating _____ Fixed kVAR _____ Number of Switched Steps _____

Size of Step: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____

Power Capacitor Unit Type:

Externally Fused _____ Internally Fused _____

Switching:

Electro-Mechanical Contactor _____ Electronic Switch _____

Type of Disconnect and Incoming:

Lugs only _____ Type of Circuit Breaker or Switch _____ Existing Customer Disconnect _____

Cable Entry: Bottom _____ Top _____ Other _____

Type of Fusing:

Main _____ Stage _____

Type of Enclosure:

Indoor _____ Outdoor _____ Special Environment _____ Paint Color Standard Blue Other _____

Heater/Thermostat _____ Fans _____ Air Conditioning _____ Lighting (Internal/External) _____

GFCI Receptacles _____

Power Factor Controller:

SATEC C191PF8

Type of Controls:

Customer Specific Devices _____ PLC/Networking _____

Other Devices or Integration:

Arrestors(Type) _____ Current Transformer _____ Ratio _____

Other _____