

SPECIFICATIONS:

ETI MCBC-500 MICROPROCESSOR CAPACITOR BANK CONTROLLER

Operating Electrical Characteristics

- Operating voltage 125 VAC rms (nominal)
- Operating voltage range 125 VAC +/-20%

Operating Environmental Characteristics

- Operating temperature -40 deg C to +85 deg C

Controls Enclosure

- Stainless Steel (non-corrosive)
- Impact resistant
- Draw latch with padlock
- Weatherproof
- Bracket mount

Fuses

- Power fuse, TRM10 Slo-blo 10 A max panel mounted
- Control fuse, MDL1 (control circuitry), panel mounted

Output Contractor (Relay)

- Heavy duty power relay, SPDT
- Contact material: silver cadmium oxide, gold flashed
- Contact rating: 30 Amps up to 300 VAC 50/60Hz, 1-1/2 HP 120 VAC, 1 Phase

Electrical Isolation/Protection

- Completely grounded unit
- Insulation withstand 13KV rms

Features

- User friendly menu interface
- Auto/Manual and Open/Neutral/Close switches
- Direct sunlight readable LED display, digital readout
- External fault led
- 120 VAC test point
- Sealed pushbuttons
- Spare fuses
- Quick reference guide
- Infrared remote login port
- Windows interface software

Functionality

- True RMS voltage or time sensing
- Voltage resolution 0.1 VAC
- Internal clock, time/day stamp
- SuperCap power backup (rechargeable, for time and data log, 48 hour discharge)
- Operation counter
- Cap Bank test cycling
- Digital setpoints
- Chronological data log
- External fault LED indicated capacitor bank pumping trouble
- Provisions for current sensing, VAR mod and remote communications can be implemented

