

ACIX53500-3H5

- ◆ 500 kVAr, 480 V, 60 Hz, 3-phase
- ◆ 10 X 50
- ◆ 662 amps

APPLICATIONS

- ◆ Branch panel
- ◆ Main service entrance

STANDARD FEATURES

- ◆ UL 508A listed
- ◆ 2-year warranty
- ◆ 3-line fusing with blown fuse indication via "STEP FAILURE" alarm on PF controller
- ◆ Automatically adjusts to maintain target power factor
- ◆ Harmonic duty cells
- ◆ Capacitor rated contactors
- ◆ Inductor high-temperature indication
- ◆ Discharge resistors per NEC requirements
- ◆ Assembled in the USA

CAPACITOR CELLS

- ◆ 528 Continuous voltage rating:
- ◆ Continuous current rating: 165% of nominal
- ◆ Ambient temperature rating: 140° F
- ◆ 130,000 hours rated life
- ◆ 2-year warranty
- ◆ Self-contained, 3-phase, delta-connected
- ◆ Industrial grade dry-type construction
- ◆ Losses of less than ½ watt per kVAr
- ◆ Self-healing metallized polypropylene dielectric film
- ◆ 3-phase overpressure disconnect
- ◆ Hermetically-sealed aluminum case
- ◆ Finger-safe, maintenance free terminals

FUSES

- ◆ Fast-acting, current-limiting, with 200,000 ampere interrupting capacity
- ◆ Refer to product manual for incoming conductor information

ENCLOSURE

- ◆ Dimensions: 84 in H x 46 in W x 30 in D
- ◆ Weight: 2300 lb
- ◆ Built to NEMA 12 specifications for indoor use
- ◆ Free-standing with hinged door, lockable door handle and removable eye bolts
- ◆ Fan-cooled

FIELD WIRING TERMINATION

- ◆ Mechanical connections are provided for all field wiring termination points
- ◆ Refer to product manual for incoming conductor information



INDUCTORS

- ◆ 3-phase, iron core PolyGap™ core structure
- ◆ 4.2nd tuning point, optional 3.78th tuning point
- ◆ 600 volt class H rated insulation
- ◆ Temperature switch

AUTOMATIC POWER FACTOR (VAR) CONTROLLER

- ◆ HMI key pad with back lit LCD display indicating all relevant PQ parameters
- ◆ Balanced use of steps and step count recording
- ◆ Step failure indication
- ◆ 10 standard system alarms with 11 optional additional alarms
- ◆ Internal panel temperature sensor for over temperature protection
- ◆ Optional communication interfaces of various protocols

OPTIONS

- ◆ Circuit breaker or disconnect switch
- ◆ Other enclosure ratings available
- ◆ Other voltages and frequencies available