

Capacitors

AC Motor Start Capacitors

Intact AC Motor Start units are non-polarized aluminum electrolytic capacitors designed for intermittent AC duty. These capacitors are used in starting fractional horsepower, single-phase electric motors, as well as in gear motor applications. The capacitors are housed in rugged plastic cases, which require no added insulation. Mounting hardware, end caps and brackets are available to facilitate mounting. Units can be supplied with bleeder resistors and lead wires if required.

FEATURES:

- Plastic Case, Moisture and Oil Resistant
- Voltages from 110 VAC- 330 VAC
- IP55 standard protection

General Specifications:

- Voltage Range: 110 - 330 VAC
- Capacitance Range: 21 - 1280 μ F
- Capacitance Tolerance: -0% / +20%
- Operating Frequency: 50 - 60Hz
- Operating Temperature: -40°C to +65°C
- Storage Temperature Range: -55 °C to 85 °C
- Case Size: 8 Standard Sizes from 1.437" x 2.750" - 2.562" x 4.365"
- Termination: ¼" Quick Disconnect Terminals (Std.)
- Power Factor: 10% max (12% \leq 30 μ F)

Applications:

- Intact AC. motor start capacitors are non-polar aluminium electrolytic capacitors designed for intermittent AC. duty, more specifically, the starting of small AC. motors.

Other applications:

- Filtering alternating current (for ex: soldering units) - f 20 KHz
- Filtering V.DC with high superimposed V.AC - f 1 KHz
- Continuous voltage with reversed polarity

