



SPECIFICATIONS

APPLICATION: Industrial, Commercial & Residential

- Single Phase: Model US1 (31 Combinations). From Fractional HP up to 5 HP.
- Single Phase: Residential up to 200 Amps Services.
- Three Phase: Model. US2 (31 Combinations) Fractional HP up to 75 HP.
- Three Phase: Model US3-Form 75 HP up to 300 HP.
- Combination of US2 & US3 for up to 600 HP.
- Combination of US4 & US3/US2 for up to 850 HP.
- Survey and Sizing is required for 3 Phase application.

OPERATING LIFE: Minimum 60,000 hrs with 95% Survivalist.

ELECTRICAL CHARACTERISTICS:

- Phase: Single Phase & 3 Phase
- Voltage Range: 220V up to 600 Volts AC Application
- Hertz: 50/60Hz system
- Electrical Amperage Ratings per Phase:
 - 114A maximum on 3-Phase, for US3 Models
 - 76A maximum on 3-Phase, for US2 Models
 - 7A maximum on Single Phase, for US1 Models
- Surge Protection: Withstand Surges to 480 VAC. Better Voltage Regulation.
- Technology: Figured out self-healing metalized Capacitor-type invention.
- Self Consumption: Low Losses, 0.5 Watt/KVAR
- Interrupter: Maximum 10,000 Amps fault current
- UL: Recognized Pressure Sensitive Interrupter
- Discharge System: To reduce voltage to 50 Volts or less within 1 minute of de-energization.
- Operating Temperature Range: -40°C -- + 90°C.
- Wire Rating: 600 Volts
- Withstanding Capability: Without breakdown 40-70 Hz, 1000V plus twice the maximum rated Voltage.

PHYSICAL CHARACTERISTICS:

- Flash Point: +182°C to 200°C
- Casing: Hermetically sealed aluminum case with turn plate steel cover.
- Insulating: Phenolic insulating bashings.
- Size: 6" x 6" x 4" up to 12" x 12" x 12"
- General Enclosure: NEMA 3R Indoor/Outdoor.
- Resistant: THHN or MTW or THWW or AWM. Gasoline & Oil resistant II.
- Component Liquid: Bio safe.

INSTALLATION FLEXIBILITY: One KVAR Unit should be installed to each inductive load. A single KVAR Unit can be prescribed for multiple loads in one panel, provided that all motors of the panel run together with KVAR installed.

MAINTENANCE: Maintenance free. Fit and forget technology.

ENVIRONMENTAL EXPOSURE: None, environmentally friendly.

COUNTRY OF ORIGIN: USA

PRODUCT WARRANTY: 5 years Factory Warranty from the date of installation