ENERGI

Certification

- Production is quality certified according to ISO 9001
- 100% Routine test & Inspection conducted on each unit
- Successfully Type test passed from Internationally reputed testing laboratory periodically.

IEC

IEEE

Classification of tests as per IEC 60871-1	Classification of tests as per ANSI/IEEE standard 18
Routine tests • Capacitance measurement (see Section 7) • Measurement of the tangent of the loss angle (tan δ) of the capacitor (see Section 8) • Voltage test between terminals (see Section 9) • AC voltage test between terminals and container (see Section 10) • Test of internal discharge device (see Section 11) • Sealing test (see Section 12) • Discharge test on internal fuses (see 5.1.1 of IEC 60871-4)	**Design tests** • Impulse withstand test (see Section 7.1.1) • AC voltage tests (see Section 7.1.2) • Thermal stability test (see Section 7.1.3) • Radio influence voltage test (see Section 7.1.4) • Short circuit discharge test (see Section 7.1.5) • Performance test (see Section 7.1.6) • Fuse disconnect test for internally fused capacitors (see Section 7.1.7)
Type tests • Thermal stability test (see Section 13) • Measurement of the tangent of the loss angle (tan δ) of the capacitor at elevated temperature (see Section 14) • AC voltage test between terminals and container (see Section 15) • Lightning impulse voltage test between terminals and container (see Section 16) • Short-circuit discharge test (see Section 17) • Test of an external fuse in combination with a capacitor (see Annex C) • Disconnecting test on internal fuses (see Section 5.3 of IEC 60871-4)	**Production tests** • Short-time overvoltage test (see Section 7.2.1) • Capacitance test (see Section 7.2.2) • Leak test (see Section 7.2.3) • Discharge resistor test (see Section 7.2.4) • Loss determination test (see Section 7.2.5) • Fuse capability test for internally fused capacitors (see Section 7.2.6)