

KeyTek ECAT® Model E510A



Plug-in module to produce combination wave specified by ANSI/IEEE C62.41 Cat. B and IEC 61000 4-5 to 10kV and 5kA

Electrical Open-Circuit Voltage 1.2/50 μ s, 0-10.1kV \pm 10% in 1 volt steps

Short-Circuit Current 8/20 μ s, 0-5.05kA with 2 ohm effective source impedance, \pm 10%

With the additional 10 ohm resistor, the peak short-circuit current = open-circuit voltage \div 12, \pm 10%. (The short-circuit current waveform is modified by the additional resistance.)

Front Time Tolerance \pm 30% for voltage
 \pm 20% for current

Duration Tolerance \pm 20% voltage and current

Surge Repetition Rate 1 shot/18 seconds

Line Sync Accuracy +15° with optional coupler/decoupler

Compatible Powerline Coupler/Decouplers E455x-kV, E4555, E4556

Minimum System Requirements E100 series control center

Options E510A-VI - adds voltage and current monitoring