

## KeyTek ECAT Models EP61 and EP62



Plug-in modules provide swells, dips and interrupts on AC power mains in compliance with, and exceeding the requirements of IEC 61000-4-11 Edition 2. Model EP61 for single-phase AC lines to 240 RMS, 16A; Model EP62 for single-phase AC lines to 240 RMS, 32A

### AC INPUTS/OUTPUTS

<b>Input Voltage for 100%</b>	50 to 240V at 50Hz and to 277V at 60Hz
<b>Output Voltages on the Selected Phase</b>	0% (open or short), 40%, 50%, 70%, 80%, 90%, 100%, 110%, 120% and 150%
<b>EP61 Output Current</b>	16A at 250V; 20A at 125V*
<b>EP62 Output Current</b>	32A at 250V; 30A at 125V*

\*The actual AC mains voltage and current limit is based on the mains connector selected.

<b>Inrush Current</b>	>250A at 120V; >500A at 220-240V
<b>Event Duration</b>	From 0.03 cycle (10°) to 500 minutes; maximum 12 events per cycle
<b>Switching Times</b>	1-5 $\mu$ s into a 100 ohm load
<b>Overshoot</b>	<5%
<b>Undershoot</b>	<5%

### MEASUREMENTS

<b>rms Voltage</b>	0-300V, 0.5% of range + 1% of reading
<b>rms Current</b>	0-40A, 0.5% of range + 1% of reading
<b>Peak Current</b>	0-1000A, 1% of range + 5% of reading
<b>Inrush Current Qualification</b>	Internal, built-in circuit according to IEC 61000-4-11. Automatically measures peak inrush current at 90° and 270°. Peak values are reported via the control software.

**Minimum System Requirements:** E100 series control center