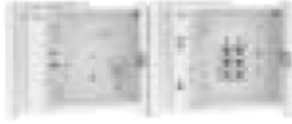


KeyTek ECAT® Model E455x



Single and three-phase AC line coupler/decouplers for EFT and Surge waves, as specified by IEC 61000-4-4 Edition 2 and IEC 61000-4-5

ELECTRICAL

Model	Single or Three-phase	Voltage	Current** per phase
E4551A/E4551kV*	Single-phase	250V rms	15/16A***
E4552A/E4552kV*	Single-phase	277V rms	32A
E4553A/E4553kV*	Three-phase	480V rms	16A
E4554A/E4554kV*	Three-phase	480V rms	32A
E4555	Three-phase	600V rms	50A
E4556	Three-phase	600V rms	100A

* kV version is required for operation with surge modules greater than 7kV, such as the E510A. All standard coupler/decoupler options apply

** Actual current capability may be limited by the AC line connectors selected

*** Depends on connector selected. Typically 15A with U.S. NEMA connector; 16A with appropriate European style connectors

Coupling Mode Coupling mode selection is controlled manually from the control selection center, or automatically using KeyTek SurgeWare™ or BurstWare™ software. Coupling is allowed from any line to any other line or combination of lines.

Monitoring Monitoring and peak detection of surge voltage across any two manually-selected lines. Monitoring can be at the EUT or at the front panel of the coupler/decoupler.

Monitoring and peak detection of surge current in either High or Neutral, selected by the ECAT Control Center or the computer, measured without including back-filter surge current.

Minimum Requirements E100 series control center EFT or mains - coupled surge module

Options

E455x-DC AC Allows the E455x coupler/decoupler to be used with DC as well as mains. The DC current ratings for essentially resistive loads are:

	to 48V	to 110 V	to 220V
E4551A/E4551kV	15A	5A	0.8A
E4552A/E4552kV	15A	5A	0.8A
E4553A/E4553kV	20A	8A	1.2A
E4554A/E4554kV	25A	8A	1.2A
E4555	50A	50A (120V)	30A
E4556	100A	50A (120V)	30A