



ENOSERV *Vector*™

Relay testing software to prove fault isolation schemes and User-defined logic with satellite-synchronized state sequencing

ENOSERV *Vector*™ will find potential failures in your system by enabling a holistic view of relay performance that can't be attained with functional testing alone.

Within a clear and flexible interface, ENOSERV *Vector*™ simulates complex mis-operations with definable events that technicians can easily establish. Any characteristic can be drawn quickly. Easily import fault simulation data from other software sources such as Aspen 1-Liner and SEL event reports. ENOSERV *Vector*™ will operate Doble & Omicron test sets.

Automatically test on any point inside or outside a specific range of operation

Store and share test results and settings in ENOSERV *PowerBase*™

Draw who circles, lines, quadrilaterals, tomatoes, lenses, or any User-defined characteristic

Use the intuitive *FastFault* user interface

- Provides instant extrapolation of phase-to-phase quantities as well as impedances, sequence components and power calculations.
- Configures default Input/Trigger configurations: configures the test set to advance to the post-fault state when it senses the TRIP or 52a operation.
- Calculates fault values from the relay's settings or other user-supplied line impedance data.
- Saves a constellation of fault types/distances as a default template which can be utilized in any new *FastFault* test.

Source A Z [pu]: 0.25 Line Z1: Z1MAG @ Z1ANG
 Max I (sec amps): 0.00 Line Z0: Z0MAG @ Z0ANG
 Source B Z [pu]: 0.25 Pre-States

Distance: 30%
 Fault Type: BC

Displaying fault 3 of 9 *Fast Config*

Pre-Fault	Fault	Ph-Ph <i>view?</i>	Post-Fault
Va: 116.40 @ 0.00	Va: 116.40 @ 0.00	Vab: 183.06 @ 17.48	Va: 0.00 @ 0.00
Vb: 116.40 @ 240.00	Vb: 80.07 @ 223.37	Vbc: 109.97 @ 270.00	Vb: 0.00 @ 240.00
Vc: 116.40 @ 120.00	Vc: 80.07 @ 136.63	Vca: 183.06 @ 162.52	Vc: 0.00 @ 120.00
Ia: 0.00 @ 0.00	Ia: 0.00 @ 0.00	Iab: 23.50 @ 6.03	Ia: 0.00 @ 0.00
Ib: 0.00 @ 240.00	Ib: 23.50 @ 186.03	Ibc: 47.00 @ 186.03	Ib: 0.00 @ 240.00
Ic: 0.00 @ 120.00	Ic: 23.50 @ 6.03	Ica: 23.50 @ 6.03	Ic: 0.00 @ 120.00

FaultType: BC Add
 Location (%): 30 Save
 Time (cyc): 20 Delete

Pre-Fault Time (cyc): 120
 Post-Fault Time (cyc): 120
 Post-States

Contact sales today! 918.622.4530

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