

MIV II Directional Power Protection System

Numerical reverse, forward and low forward directional power and loss of field protection relay.

Key Benefits

- Reduce troubleshooting and maintenance cost - event recording, and analog/digital oscillography
- Design Flexibility - easy to use programming logic
- Access to information - Modbus™ RTU communications
- Configurable logic, curves, digital I/Os, and LEDs
- Flash memory for field upgrades
- Two settings groups
- Password protection for local operation
- Automatic display of last fault information
- Three models available for voltage, frequency and combined protection
- AC/DC power supply
- Access via front panel keypad or communication links
- EnerVista® compatible
- Isolated RS232 port



Applications

- Voltage and/or frequency protection at any voltage in automatic transfer systems, generators, motors, lines and busbars

Features

Protection and Control

- Three-phase over and undervoltage, ground overvoltage
- Voltage unbalance, over and underfrequency, with the following options:
- Four independent time delay phase under/overvoltage elements complete with two independent fixed time ground overvoltage elements
- Four units of frequency protection
- Both voltage protection and two elements of frequency protection
- Circuit Breaker control (open/close)
- Configurable I/O
- 6 outputs, four configurable, plus trip and alarm

Monitoring and Metering

- 24-event record
- Analog/digital oscillography - 24 cycles at 8 samples per cycle
- Frequency and per-phase voltage
- Monitoring of the last 5 trips information from the display

User Interfaces

- 2x16 character LCD display
- 6 LED indicators, 4 configurable in function and color
- Front RS232 and rear RS485 ports using ModBus® RTU protocol up to 19,200 bps
- EnerVista® software - an industry leading suite of software tools that simplifies every aspect of working with GE Multilin® devices

Ordering

MIVII	*	0	*	0	*	00	*	00	Functions
1									Voltage functions
2									Frequency functions
3									Voltage and frequency functions
		0							Voltage range: 10-250 V (all models)
		1							Voltage range: 2-60 V (only for MIVII 1000)
				E					Relay language: English
				F					Relay language: French
						LO			Power Supply: 24-48 Vdc (Range: 19~58Vdc)
						HI			Power Supply: 110-250 Vdc (Range: 88~300Vdc)
									Power Supply: 100-230 Vdc (Range: 88~264Vac)

Visit www.GEMultilin.com/MIVII to:

- View Guideform specifications
- Download the instruction manual
- Review applications notes and support documents
- Buy a MIV II online
- View the MIV II brochure

