MULTILIN MIV II

Product Data Sheet

MIVII1000E00HI00

Digital voltage protection relay

PROTECTION FUNCTION	VOLTAGE PICKUP RANGE	VOLTAGE PICKUP STEP	VOLTAGE-LEVEL ACCURACY
Voltage protection, MIV II 1000	**10.0 to 250.0 V**	**0.1 V**	**±3%**

GE MIVII1000E00HI00 is an English-language Multilin MIV II voltage protection relay. The 1000 selection provides voltage functions, while the HI supply option accepts high-range AC or DC auxiliary power. Programmable logic, digital I/O and recorded events assist protection and post-fault analysis.

01 TECHNICAL DATA

Protection function	Voltage protection, MIV II 1000
Voltage pickup range	10.0 to 250.0 V
Voltage pickup step	0.1 V
Voltage-level accuracy	±3%
Protection delay	0 to 600 s
Delay setting step	0.01 s
HI DC supply rating	110 to 250 V DC
Permissible DC supply	88 to 300 V DC
HI AC supply rating	110 to 230 V AC
Permissible AC supply	88 to 264 V AC

02 ADDITIONAL PRODUCT DATA

AC supply frequency	48 to 62 Hz
Maximum power	15 W
Waveform sampling	8 samples per power-frequency cycle
Oscillography length	1 record of 24 cycles
Enclosure protection	IP52

03 PRODUCT FUNCTION

Voltage pickup settings cover 10.0-250.0 V in 0.1 V steps, with configurable protection delays up to 600 seconds. The HI supply is rated 110-250 V DC or 110-230 V AC and consumes no more than 15 W. For the 1000 model, oscillography records twenty-four cycles at eight samples per power-frequency cycle.

04 SYSTEM COMPATIBILITY

Connect the HI auxiliary supply within 88-300 V DC or 88-264 V AC, with the AC source at 48-62 Hz. Include the 15 W maximum load and coordinate digital input voltage classes and output contact wiring with the installed protection design.

05 DOCUMENT BASIS

GE manufacturer documentation. Selected source pages: 1, 2, 3, 4, 5, 6, 7, 8.

AMIKON PRODUCT SUPPORT

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