COMMUNICATION CONVERTER

Isolated RS232 to RS485 to fiber optic converter

KEY BENEFITS

- Versatile, simple design in a self-contained unit
- Simplifies communications between IEDs, computers and other equipment
- Direct or modem communications
- Electrically isolated for reliable communications in noisy environments
- Up to 57,600 bps communication rate
- Operates with multimode fiber sizes
- 120 or 220 VAC adapter included
- Additional power supply terminals accept external 9 VAC/VDC source
- Two mounting configurations
- Internal switches for selecting signal conversion type

APPLICATIONS

- For conversion between RS232, RS485 and fiber optic signals
- Fiber optic communication for data transmission in noisy environments

FEATURES

User Interfaces

- Front panel LEDs for power and communication status
- RS232, RS485 and fiber optic ports for transmitting and receiving

Communications

The F485 is a self-contained device for converting between RS232, RS485 and fiber optic signals. The F485 is electrically isolated to improve communications in noisy environments. The converter uses internal switches to select the signal conversion type and communication rate up to 57,600 bps. The F485 converter uses the data on the serial ports to determine direction and therefore requires no hardware handshaking signals from the computer. The F485 converter can be powered via the power adapter supplied or by connecting an external 9 VAC/VDC source to the power supply terminals located at the back of the case. The F485's versatility and simple design makes it ideal for use with all GE Multilin products in direct and modem communications.

F485 Guideform Specifications

For an electronic version of the F485 guideform specifications, please visit: www.GEMultilin.com, or email literature.multilin@ge.com.

Ordering

F485	*	*	
F485			Standard unit with RS485-RS232 ports plus 9-9 pin and 9-25 pin interface cables plus a 120 V or 220 V power supply adapter.
	F		With fiber optic interface
		120	120 V power supply voltage
		220	220 V power supply voltage