

Multilin F485

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 VAC adapter included
- Additional power supply terminals accept external 9 VAC/VDC source
- Two mounting configurations
- Internal switches for selecting signal conversion type

F485 Guideform Specifications

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

Ordering

F485	*	*	Description
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		F With fiber optic interface
		120	120 V Power supply voltage



Applications

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

User Interfaces

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

Communications

- Self-contained device for converting between RS232, RS485 and fiber optic signals.
- Electrically isolated to improve communications in noisy environments.
- Uses internal switches to select the signal conversion type and communication rate up to 57,600 bps.
- Uses the data on the serial ports to determine direction and therefore requires no hardware handshaking signals from the computer.
- 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.
- Versatility and simple design makes it ideal for use with all GE Multilin products in direct and modem communications.

