D485

PROTOCOL CONVERTER

Modbus to DeviceNet Converter

KEY BENEFITS

- Integrate GE relays, meters or other Modbus-compliant devices into DeviceNet networks
- Maintain monitoring and control functionality of integrated Modbus devices in a DeviceNet network
- Easy-to-use, PC-based Enervista Setup Software for simple configuration
- Integrate your protection and automation systems into one network

FEATURES

- Connects up to 10 Modbus devices to a DeviceNet network
- Contains pre-configured memory maps for specific GE Multilin devices
- Supports DeviceNet "Adapter" functionality (Profile Number 12)
- Supports Explicit and all four types of I/O messaging formats:
  - Polled
  - Bit strobed
  - Change of State (COS)
  - Cyclic
- Supports DeviceNet baud rates 125 Kbps, 250 Kbps and 500 Kbps
- Connects to DeviceNet network using 5-pin linear DeviceNet plug
- Acts as a master to Modbus RTU devices
- Supports Modbus baud rate of 1200bps to 57600bps

- Modbus interfaces supported: RS232, RS422 RS485
- Supports up to 50 Modbus Transactions
- 1024 bytes of total data exchange
  - 512 bytes of data to Modbus devices
  - 512 bytes of data to DeviceNet master
- Configured using the EnerVista P485/D485 Setup Software
- Upload common configuration files to multiple D485 devices
- DIN-rail mountable
- 24 VDC input power
- CE, UL and cUL certified

Communications

The D485 Modbus to DeviceNet Converter acts as a gateway between a Modbus RTU network and a DeviceNet network. Integration of Modbus devices into DeviceNet networks is enabled without loss of functionality, control, and reliability, both when retrofitting to existing equipment as well as when setting up new installations. The D485 Modbus to DeviceNet Converter is an external DIN-rail mounted device which provides DeviceNet network connectivity via a serial RS232/RS422/RS485 interface. The D485 is programmed using the P485/D485 configuration cable and the EnerVista P485/D485 Setup Software.
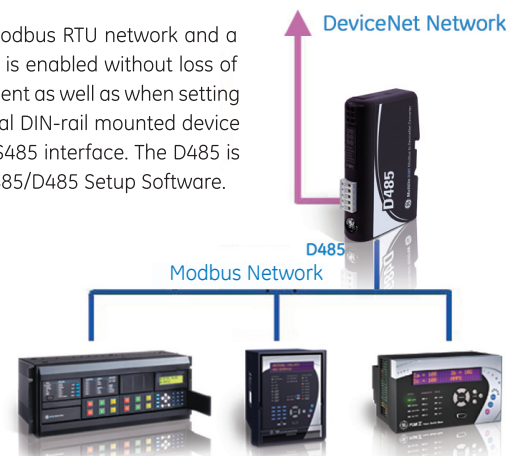
D485 Guideform Specifications

For D485 guideform specifications, visit: www.GEMultilin.com/specs, fax your request to 905-201-2098 or email to literature.multilin@ge.com.

DeviceNet Network

D485

Modbus Network

Connect multiple Modbus devices to a DeviceNet network

Ordering

D485 Converter Selection Guide

D485	*	D485 Modbus to DeviceNet Converter
	C	P485/D485 Configuration Cable

GE Consumer & Industrial
Multilin