

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE VERSAMAX

IC200SET001-HE

SERIAL-TO-ETHERNET ADAPTER

Used with the applicable VersaMax communications configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

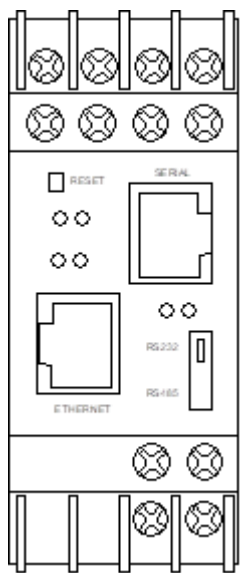
Selected official manufacturer pages follow this cover.

Source: GE official manufacturer documentation

1.6 VersaMax Serial to Ethernet Adapter

The VersaMax™ IC200SET001 Serial to Ethernet Adapter (VMSE) can be used to connect a VersaMax Micro, Micro PLUS or Nano PLC to an Ethernet network.

Figure 3



1.6.1 Firmware Options

By default, SRTP/SNP firmware is loaded in flash memory. Use SRTP/SNP to communicate with VersaPro™, CIMPLICITY™ HMI, Series 90-30™, Series 90-70™, and other Emerson products.

Additional firmware options are provided on the CD that is shipped with the VMSE. These include Modbus TCP/RTU, and Pass Thru firmware, which can be used to send serial communication via Ethernet.

1.6.2 Serial Interface

The RJ-45 port on the VMSE supports RS-232. The screw block port supports both RS-232 and RS 485/422. Setting the switch on the front of the VMSE and configuring the VMSE setup selects RS 232 or RS-485/422. Only one port can be used at a time.

1.6.3 Network Interface

The VMSE supports 10/100 Mbit Ethernet through its RJ-45 (10BaseT) connector.

1.6.4 Power Requirements

The required input voltage can vary between 9Vdc and 30Vdc (or 24Vac) with a maximum of 3 Watts. The VMSE can be powered from the 12- or 24-Volt supply on a VersaMax Micro or Micro PLUS PLC (200mA available), or an external supply can be used. For a Nano PLC, an external power supply is required.