MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Amikon cover with the applicable official GE manufacturer page

GENERAL ELECTRIC | VERSAMAX

IC200CMM020-EA

MODBUS MASTER SERIAL COMMUNICATION MODULE

OFFICIAL SOURCES

GE Automation & Control Systems catalog, VersaMax Control / Serial Communications, p. 1.147. Original page retained.



Serial Communications

The serial communications expansion module provides a Modbus Master port for a Genius NIU remote I/O drop. The serial port can be used to interface with a wide range of Modbus slave devices such as controllers, VFDs, bar code readers, marques and much more. The data is transferred to and from the NIU over the Genius LAN and is compatible with any controller that supports Genius Global Data.

	IC200CMM020
Product Name	**Modbus Master Module, 1 RS-485 port. Requires IC200CHS006 Communications Carrier.**
Lifecycle Status	Active
Module Type	Modbus Master
NIU Type Supported	Genius and PROFINET Slave
Number of Serial Communications Modules	Up to 2 per Genius NIU I/O Station
Number of RTU slaves per Serial Communications Module	1 to 247
Serial Port Type	RS-485. 15-pin subminiature 'D' connector. For RS-232 communications, an RS-485 to RS-232 adapter such as IC690ACC901 can be used. Adapter IC690ACC901 can be installed with its right-angle cable hanging down.RS-485 supports both 2-wire and 4-wire electrical interfaces
Baud Rate Supported	1200, 2400, 4800, 9600, and 19200, and half or full duplex operation
COMMREQ command memory (%AQ) required in the GENERIC_COMM module hardware configuration	Depends on individual COMMREQ content. Minimum: 22 words Maximum: 64 words
RTU Master Commands	65520, Initialize RTU Master Port 8000, Clear RTU Master Diag. Status 8001, Read RTU Master Diag. Status 8002, Send RTU Read/Force/Preset Query 8003, Send RTU Diagnostic Query
Power Consumption	460 mA maximum from 5 V output, 5 mA from +3.3 V output
Dimensions (W x H x D)	110mm (4.3in) x 66.8mm (2.63in) x 50mm (1.956 in), not including the height of the carrier or the mating connectors