

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE VERSAMAX

IC200EBI001-P

ETHERNET NETWORK INTERFACE UNIT

Used with the applicable VersaMax network interfaces configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE official manufacturer documentation

Remote I/O Units



A Remote I/O Unit connects VersaMax I/O modules to a host PLC or computer via a variety of networks, which makes it easy to include VersaMax I/O in Genius, Profibus-DP, DeviceNet, or Ethernet installations. Together, the Remote I/O Unit and its modules form an I/O station capable of providing up to 256 points of I/O.

	IC200DBI001	IC200EBI001
Product Name	Remote I/O DeviceNet Network Interface Unit (Slave)	Remote I/O Ethernet Network Interface Unit
Protocol Supported	DeviceNet Slave	EGD and Modbus TCP Server
Distance	500Kbps 100m bus length and branches totaling < 39m 250Kbps 250m bus length and branches totaling < 78m 125Kbps 500m bus length and branches totaling < 156m	100 Meters max drop length 10/100Mbaud
I/O Discrete Points	Includes both discrete and analog. Up to 128 bytes of inputs + 2-byte status word Up to 128 bytes of outputs + 2-byte control word.	1024 bytes maximum both discrete and analog. %I: 2048 points %Q: 2048 points
I/O Analog Words	Includes both discrete and analog. Up to 128 bytes of inputs + 2-byte status word Up to 128 bytes of outputs + 2-byte control word.	1024 bytes maximum both discrete and analog. %AI: 128 channels %AQ: 128 channels
I/O Data	Up to 128 bytes of inputs + 2-byte status word Up to 128 bytes of outputs + 2-byte control word.	256 Bytes of input, output, Analog input and Analog output
Network Topology	Linear bus (trunkline/dropline); power and signal on the same network cable	Network dependent
Transmission Media	Shielded, dual twisted pair cable, terminated at both ends	Ethernet twisted pair
Connector	5-pin open pluggable connector	RJ-45
User Diagnostic Data	2 bytes of status/control	4
Number of Modules	8 per NIU/station	8 per NIU/station
Redundancy	N/A	No
5V Backplane Current Consumption (mA)	160	175
3.3V Backplane Current Consumption (mA)	10	425
Dimensions (W x H x D)	133.4 mm (5.25 in) x 85.9 mm (3.38 in) not including the height of power supply	133.4 mm (5.25 in) x 85.9 mm (3.38 in) not including the height of power supply