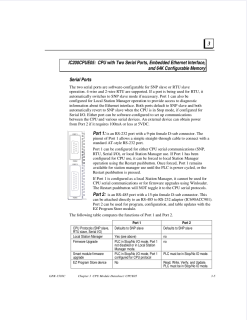
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC200CPUE05-MX

Ethernet CPU module



PRODUCT	IC200CPUE05-MX
FAMILY	VersaMax controllers
FUNCTION	Ethernet CPU module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from GE VersaMax documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Configurable Memory	64 KB
Program Storage	Flash and battery-backed RAM
Module Capacity	64 modules
I/O Capacity	2,048 points
Boolean Speed	0.5 ms/K typical
Serial Interfaces	RS-232 and RS-485

02 PREPARATION AND CONNECTION

- Confirm the complete IC200CPUE05-MX article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

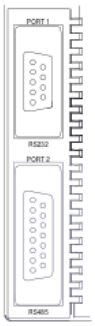
03

OFFICIAL INSTALLATION REFERENCE

IC200CPUE05: CPU with Two Serial Ports, Embedded Ethernet Interface, and 64K Configurable Memory

Serial Ports

The two serial ports are software-configurable for SNP slave or RTU slave operation. 4-wire and 2-wire RTU are supported. If a port is being used for RTU, it automatically switches to SNP slave mode if necessary. Port 1 can also be configured for Local Station Manager operation to provide access to diagnostic information about the Ethernet interface. Both ports default to SNP slave and both automatically revert to SNP slave when the CPU is in Stop mode, if configured for Serial I/O. Either port can be software-configured to set up communications between the CPU and various serial devices. An external device can obtain power from Port 2 if it requires 100mA or less at 5VDC.



Port 1: is an RS-232 port with a 9-pin female D-sub connector. The pinout of Port 1 allows a simple straight-through cable to connect with a standard AT-style RS-232 port.

Port 1 can be configured for either CPU serial communications (SNP, RTU, Serial I/O), or local Station Manager use. If Port 1 has been configured for CPU use, it can be forced to local Station Manager operation using the Restart pushbutton. Once forced, Port 1 remains available for station manager use until the PLC is power cycled, or the Restart pushbutton is pressed.

If Port 1 is configured as a local Station Manager, it cannot be used for CPU serial communications or for firmware upgrades using Winloader. The Restart pushbutton will NOT toggle it to the CPU serial protocols.

Port 2: is an RS-485 port with a 15-pin female D-sub connector. This can be attached directly to an RS-485 to RS-232 adapter (IC690ACC901). Port 2 can be used for program, configuration, and table updates with the EZ Program Store module.

The following table compares the functions of Port 1 and Port 2.

	Port 1	Port 2
CPU Protocols (SNP slave, RTU slave, Serial I/O)	Defaults to SNP slave	Defaults to SNP slave
Local Station Manager	Yes (see above)	no
Firmware Upgrade	PLC in Stop/No I/O mode, Port 1 not disabled or in Local Station Manager mode.	no
Smart module firmware upgrade	PLC in Stop/No I/O mode, Port 1 configured for CPU protocol	PLC must be in Stop/No IO mode.
EZ Program Store device	No	Read, Write, Verify, and Update. PLC must be in Stop/No IO mode.

Official manufacturer page reproduced at its original aspect ratio.

Published by Amikon Limited

04 COMMISSIONING CHECKS

01	Confirm product identity and mechanical seating.
02	Verify the documented supply before energising.
03	Inspect polarity, shielding and protective-earth connections.
04	Restore power in the approved sequence and observe status indications.
05	Test each connected input, output or communication path.
06	Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	GE official manufacturer documentation
Product record	IC200CPUE05-MX
Manufacturer	GE VersaMax
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**