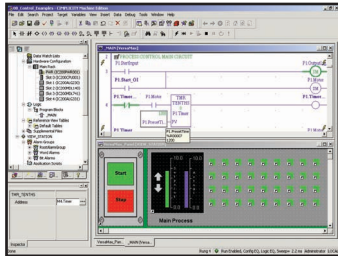




VersaMax[®] I/O and Control

Maximum versatility is the guiding principle behind VersaMax[®] from GE Fanuc. This compact, extremely affordable control solution can be used as a PLC, as I/O, and as distributed control. With its modular and scalable architecture, intuitive features and unparalleled ease of use, this innovative control family can save machine builders and end users considerable time and money.



Offering Big PLC Power in a Small Package. VersaMax CPUs supply a number of features usually found only in PLCs with larger footprints, including up to 64k of memory for application programs, floating point math, real-time clock, subroutines, PID control, flash memory, and bumpless program store.

The serial ports support serial read/write and Modbus master/slave communications.

An Abundance of Useful I/O Options. GE Fanuc offers a broad range of discrete, analog, mixed, and specialty I/O modules. These modules can be freely combined to create stand-alone I/O stations with up to 256 I/O points and expanded I/O systems with up to 4,096 I/O points.

The Perfect Match for Today's Open Systems. VersaMax gives you the freedom to connect to a wide variety of host controllers, including PLC, DCS and PC-based control systems by way of Genius[®], DeviceNet[™], Profibus-DP[™] and Ethernet networks. VersaMax also fully supports the power and open architecture of GE Fanuc's PC Control solutions.

The Ultimate in Cost-effective Control and I/O.

With intuitive diagnostics, hot insertion of modules and quick connect wiring, VersaMax extends uptime, reduces engineering and training needs, and dramatically reduces project life-cycle costs.

A Design that Maximizes Ease of Use. Every aspect of VersaMax has been carefully refined to accommodate the user. Snap-together I/O carriers mean that no tools are required for module installation or extraction. A convenient rotary switch can be used for setting bus addresses, reducing programming time. With VersaMax, you can even address I/O automatically.

Easy Trouble Shooting and Machine Setup Using a Handheld PDA. CIMPLICITY[®] Machine Edition Logic Developer PDA software allows you to interface a Palm[®] handheld device to your VersaMax controller. With Logic Developer PDA, you can monitor/change data, view diagnostics, force ON/OFF, and configure machine setup — saving you time and increasing productivity.



Ordering Information

| Description | Catalog Number | | Catalog Number | |
|--|----------------------------|---|----------------------------|---|
| Discrete Input Modules ⁽¹⁾ | IC200MDL140 | Input 120 VAC (1 Group of 8) 8 Points | IC200MDL631 | Input 125 VDC Pos/Neg Logic Isolated 8 Points |
| | IC200MDL141 | Input 240 VAC (1 Group of 8) 8 Points | IC200MDL632 | Input 125 VDC Pos/Neg Logic Isolated 16 Points |
| | IC200MDL143 | Input 120 VAC Isolated 8 Points | IC200MDL635 | Input 48 VDC Pos/Neg Logic (2 Groups of 8) 16 Points |
| | IC200MDL144 | Input 240 VAC Isolated 4 Points | IC200MDL636 | Input 48 VDC Pos/Neg Logic (2 Groups of 8) 16 Points |
| | IC200MDL240 | Input 120 VAC (2 Groups of 8) 16 Points | IC200MDL640 | Input 24 VDC Pos/Neg Logic (2 Groups of 8) 16 Points |
| | IC200MDL241 | Input 240 VAC (2 Groups of 8) 16 Points | IC200MDL643 | Input 5/12 VDC Pos/Neg Logic (2 Groups of 8) 16 Points |
| | IC200MDL243 | Input 120 VAC Isolated 16 Points | IC200MDL644 | Input 5/12 VDC Pos/Neg Logic (4 Groups of 8) 32 Points |
| | IC200MDL244 | Input 240 VAC Isolated 8 Points | IC200MDL650 | Input 24 VDC Pos/Neg Logic (4 Groups of 8) 32 Points |
| Discrete Output Modules ⁽¹⁾ | IC200MDL329 | Output 120 VAC 0.5 Amp per Point Isolated 8 Points | IC200MDL741 | Output 24 VDC Pos Logic 0.5 Amp per Point with ESCP 16 Points |
| | IC200MDL330 | Output 120 VAC 0.5 Amp per Point Isolated 16 Points | IC200MDL742 | Output 24 VDC Pos Logic 0.5 Amp per Point with ESCP 32 Points |
| | IC200MDL331 | Output 120 VAC 2.0 Amp per Point Isolated 8 Points | IC200MDL743 | Output 5/12/24 VDC Neg Logic 0.5 Amp per Point 16 Points |
| | IC200MDL730 | Output 24 VDC Pos Logic 2.0 Amp per Point with ESCP 8 Points | IC200MDL744 | Output 5/12/24 VDC Neg Logic 0.5 Amp per Point 32 Points |
| | IC200MDL740 | Output 12/24 VDC Pos Logic 0.5 Amp per Point 16 Points | IC200MDL750 | Output 12/24 VDC Pos Logic 0.5 Amp per Point 32 Points |
| Relay Output Modules ⁽¹⁾ | IC200MDL930 | Output Relay 2.0 Amp per Point Isolated Form A 8 Points | IC200MDL940 | Output Relay 2.0 Amp per Point Isolated Form A 16 Points |
| Mixed Discrete Modules ⁽¹⁾ | IC200MDD840 | Mixed 24 VDC Pos Logic Input Grouped 20 Points / Output Relay 2.0 Amp per Point Grouped 12 Points | IC200MDD846 | Mixed Output Relay 2.0 Amp per Point Isolated 8 Points / Input 120 VAC Grouped 8 Points |
| | IC200MDD841 | Mixed 24 VDC Pos Logic Input Grouped 20 Points / Output Grouped 12 Points/HSC/PWM/PT | IC200MDD847 | Mixed Output Relay 2.0 Amp per Point Isolated 8 Points / Input 240 VAC Grouped 8 Points |
| | IC200MDD842 | Mixed 24 VDC Pos Logic Output 0.5 Amp Grouped with ESCP 16 Points / Input Grouped 16 Points | IC200MDD848 | Mixed Output 120 VAC 0.5 Amp per Point Isolated 8 Points / Input 120 VAC Grouped 8 Points |
| | IC200MDD843 | Mixed 24 VDC Pos Logic Input Grouped 10 Points / Output Relay 2.0 Amp per Point Grouped 6 Points | IC200MDD849 | Mixed Output Relay 2.0 Amp per Point Isolated 8 Points / Input 120 VAC Isolated 8 Points |
| | IC200MDD844 | Mixed 24 VDC Pos Logic Output 0.5 Amp Grouped 16 Points / Input Grouped 16 Points | IC200MDD850 | Mixed Output Relay 2.0 Amp per Point Isolated 8 Points / Input 240 VAC Isolated 4 Points |
| | IC200MDD845 | Mixed Output Relay 2.0 Amp per Point Isolated 8 Points / Input 24 VDC Pos Logic Grouped 16 Points | IC200MDD851 | Mixed 12/24VDC Pos Logic Output 0.5 Amp per Point Grouped 16 Points/Input 5/12VDC Pos/Neg Logic Grouped 16 PT |
| Analog Input Modules ⁽¹⁾ | IC200ALG230 | Analog Input 12 Bit Voltage/Current 4 Channels | IC200ALG263 ⁽⁶⁾ | Analog Input 15 Bit Voltage 15 Channels |
| | IC200ALG240 | Analog Input 16 Bit Voltage/Current Isolated 8 Channels | IC200ALG264 ⁽⁶⁾ | Analog Input 15 Bit Current 15 Channels |
| | IC200ALG260 | Analog Input 12 Bit Voltage/Current 8 Channels | IC200ALG620 | Analog Input 16 Bit RTD 4 Channels |
| | IC200ALG261 ⁽⁶⁾ | Analog Input 15 Bit Differential Voltage 8 Channels | IC200ALG630 | Analog Input 16 Bit Thermocouple 7 Channels |
| | IC200ALG262 ⁽⁶⁾ | Analog Input 15 Bit Differential Current 8 Channels | | |
| Analog Output Modules ⁽¹⁾ | IC200ALG320 | Analog Output 12 Bit Current 4 Channels | IC200ALG326 ⁽⁶⁾ | Analog Output 13 Bit Current 8 Channels |
| | IC200ALG321 | Analog Output 12 Bit Voltage 0-10 V 4 Channels | IC200ALG327 ⁽⁶⁾ | Analog Output 13 Bit Voltage 12 Channels |
| | IC200ALG322 | Analog Output 12 Bit Voltage ±10 V 4 Channels | IC200ALG328 ⁽⁶⁾ | Analog Output 13 Bit Current 12 Channels |
| | IC200ALG325 ⁽⁶⁾ | Analog Output 13 Bit Voltage 8 Channels | IC200ALG331 | Analog Output 16 Bit Voltage/Current Isolated 4 Channels |
| | IC200ALG430 | Analog Mixed 12 Bit Current 4 Input / 2 Output Channels | IC200ALG432 | Analog Mixed 12 Bit Voltage ±10 V 4 Input / 2 Output Channels |
| Mixed Analog Modules ⁽¹⁾ | IC200ALG431 | Analog Mixed 12 Bit Voltage 0-10 V 4 Input / 2 Output Channels | | |
| | | | | |
| I/O Carriers | IC200CHS001 | Barrier Horizontal Style | IC200CHS005 | Spring Clamp Horizontal Style |
| | IC200CHS002 | Box Horizontal Style | IC200CHS022 | Box Vertical Style |
| | IC200CHS003 ⁽⁴⁾ | Connector Vertical Style | IC200CHS025 | Spring Clamp Vertical Style |
| Network Interface Units | IC200DBI001 ⁽²⁾ | Remote I/O DeviceNet Network Interface Unit | IC200GBI001 | Remote I/O Genius Network Interface Unit |
| | IC200EBI001 ⁽²⁾ | Remote I/O Ethernet Network Interface Unit | IC200PBI001 | Remote I/O Profibus-DP Network Interface Unit |
| Network Communication Modules ⁽³⁾ | IC200BEM002 | PLC Network Communication Profibus-DP Slave | IC200BEM104 | PLC Network Communication AS-i Master |
| | IC200BEM103 | PLC Network Communication DeviceNet (Master/Slave) | | |
| Controllers | IC200CPU001 | CPU 34 Kbyte Configurable Memory, Two Serial Ports (RS-232 and RS-485) | IC200CPU005 | CPU with 64 Kbyte Configurable User Memory, Two Serial Ports (RS-232 and RS-485) |
| | IC200CPU002 | CPU 42 Kbyte Configurable Memory, Two Serial Ports (RS-232 and RS-485) | IC200CPU005 | CPU with 64 Kbyte Configurable User Memory, Two Serial Ports (RS-232 and RS-485), 10 MBIT Ethernet Port |
| Power Supplies | IC200PWR001 | Power Supply 24 VDC Input | IC200PWR102 | Power Supply 120/240 VAC Input with Expanded 3.3 VDC |
| | IC200PWR002 | Power Supply 24 VDC Input with Expanded 3.3 VDC | IC200PWR201 | Power Supply 12 VDC Input |
| | IC200PWR101 | Power Supply 120/240 VAC Input | IC200PWR202 | Power Supply 12 VDC Input with Expanded 3.3 VDC |
| Accessories | IC200ACC003 | EZ Program Store Flash Device for CPUs | IC200ERM001 ⁽⁶⁾ | I/O Expansion Receiver Isolated (Up to 750 meters) |
| | IC200CBL001 | CPU Programming Cable (RS-232) | IC200ERM002 ⁽⁶⁾ | I/O Expansion Receiver Non-Isolated (Up to 15 meters) |
| | IC200ETM001 ⁽⁶⁾ | I/O Expansion Transmitter for CPU and Network Interface Units | BC646MPH101 | Logic Developer PDA software tool with cable adapter. |

(1) Requires an I/O carrier for wiring termination.

(2) The DeviceNet network interface unit only supports autoconfiguration of I/O. Remote I/O configuration tool will be supported in the future.

(3) These modules are for use in CPU systems.

(4) Refer to VersaMax Modules, Power Supplies, and Carriers Manual

GFK-1504 for cables and Interposing Terminal Blocks.

(5) Includes support for EGD and Modbus Ethernet.

(6) Supported by CPUs, Genius, Profibus and Ethernet NIUs only.

GE Fanuc Automation Information Centers

**USA and the Americas: 1-800-GE FANUC
or (434) 978-5100**

Europe, Middle East and Africa: (352) 727979-1

Asia Pacific: 86-21-3222-4555

Additional Resources

For detailed technical specifications and product ordering information, please visit the GE Fanuc e-catalog at:

www.gefanuc.com

