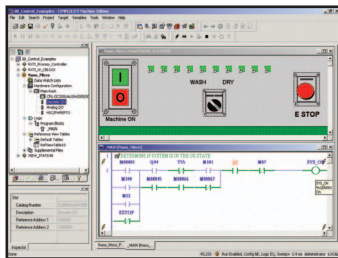# *VersaMax®*
Nano and Micro Controllers

Don't let size fool you. Although they're easy on valuable panel space, the VersaMax® Nano and Micro PLCs are big on features. For high-volume applications where cost and fast processor speeds are an issue, the palm-sized VersaMax Nano is the PLC of choice. When you need additional functionality, the modular VersaMax Micro offers the features and the flexibility to match your application needs. Both these compact PLCs offer ease-of-use and long-term reliability to further decrease your life-cycle costs.

Pick the Palm-Sized PLC That's Light on Your Budget. For tight spaces, the VersaMax Nano PLC is the perfect solution. Thanks to its all-in-one construction, installation is a breeze. All you have to do is snap it onto a DIN-rail or screw it into a panel. With the VersaMax Nano, you save on initial as well as life-cycle costs.

Select the Big-Featured PLC in a Compact Package. The small footprint VersaMax Micro PLC offers the flexibility of modular design and a variety of built-in features, including up to 28 I/O points (expandable to 140 I/O points), fast cycle times, a robust instruction set and extensive memory that multiplies your programming options.

Take Advantage of a Host of Communications Options. Both the VersaMax Nano and Micro have an RS-232 port that can be used for SNP slave, Modbus RTU slave or serial I/O commands. The 23- and 28-point versions of the Micro also have an RS-485 port that adds SNP master commands. With serial I/O commands, you can interface with such devices as pagers, intelligent scales, bar code readers and printers. The VersaMax Nano and Micro can easily be networked to Ethernet utilizing the powerful VersaMax SE (Serial to Ethernet module).

Tap the Perfect Solution for Low-End Motion Applications. Both the VersaMax Nano and Micro can be used with either a PWM or a pulse train device. In addition, both controllers come with built-in high-speed counters that can be used in either Type A or Type B configurations.

Program Your Controllers in Record Time. With GE Fanuc's VersaPro™ or CIMPLICITY® Machine Edition software, programming your VersaMax Nano and Micro PLCs is a simple and intuitive process. Mix Relay Ladder Diagram and Instruction List programming within an application. Develop and save custom view tables. View PLC and I/O system fault tables on demand.

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 Micro and Nano. With Logic Developer PDA, you can monitor/change data, view diagnostics, force ON/OFF, and configure machine setup — saving you time and increasing productivity.

imagination at work

Ordering Information

Description	Catalog Number	
VersaMax Nano CPU with 10 Points of I/O	IC200NAL110	10 Point (6) 12 VDC In, (1) Analog In 0 - 10 VDC (8 bit), (4) Relay Out, 12 VDC Power Supply
	IC200NAL211	10 Point (6) 24 VDC In, (1) Analog In 0 - 10 VDC (8 bit), (4) Relay Out, 24 VDC Power Supply
	IC200NDD010	10 Point (6) 12 VDC In, (4) 12 VDC Out, 12 VDC Power Supply
	IC200NDD101	10 Point (6) 24 VDC In, (4) 24 VDC Out, 24 VDC Power Supply
	IC200NDR001	10 Point (6) 24 VDC In, (4) Relay Out, 24 VDC Power Supply
	IC200NDR010	10 Point (6) 12 VDC In, (4) Relay Out, 12 VDC Power Supply
VersaMax Micro CPUs with I/O 14 Point with Expansion and (1) Serial Port	IC200UAA003	14 Point (8) 120 VAC In, (6) 120 VAC Out, 120/240 VAC Power Supply
	IC200UAR014	14 Point (8) 120 VAC In, (2) Relay Out at 10 Amp, (4) Relay Out at 2 Amp, 120/240 VAC Power Supply
	IC200UDD104	14 Point (8) 24 VDC In, (6) 24 VDC Out 2 at 1.0 Amp and 4 at 0.5 Amp, 24 VDC Power Supply
	IC200UDD112	14 Point (8) 12 VDC In, (6) 12 VDC Out, 12 VDC Power Supply
	IC200UDR001	14 Point (8) 24 VDC In, (6) Relay Out, 120/240 VAC Power Supply
	IC200UDR002	14 Point (8) 24 VDC In, (6) Relay Out, 24 VDC Power Supply
	IC200UDR003	14 Point (8) 12 VDC In, (6) Relay Out, 12 VDC Power Supply
*23 Point with Analog, Expansion and (2) Serial Ports	IC200UAL004	23 Point (13) 12 VDC In, (10) Relay Out, (2) Analog In and (1) Analog Out, 12 VDC Power Supply
	IC200UAL005	23 Point (13) 24 VDC In, (1) 24 VDC Out, (9) Relay Out, (2) Analog In and (1) Analog Out, 24 VDC Power Supply
	IC200UAL006	23 Point (13) 24 VDC In, (9) Relay Out, (1) 24 VDC Out, (2) Analog In and (1) Analog Out, 120/240 VAC Power Supply
*28 Point with Expansion and (2) Serial Ports	IC200UAA007	28 Point (16) 120 VAC In, (12) 120 VAC Out, 120/240 VAC Power Supply
	IC200UAR028	28 Point (16) 120 VAC In, (2) Relay Out at 10 Amp, (10) Relay Out at 2 Amp, 120/240 VAC Power Supply
	IC200UDD110	28 Point (16) 24 VDC In, (12) 24 VDC Out, 6 at 1.0 Amp and, 6 at 0.5 Amp, 24 VDC Power Supply
	IC200UDD120	28 Point (16) 24 VDC In, (12) 24 VDC Out with ESCP, 24 VDC Power Supply
	IC200UDR005	28 Point (16) 24 VDC In, (11) Relay Out, (1) 24 VDC Out, 120/240 VAC Power Supply
	IC200UDR006	28 Point (16) 12 VDC In, (12) Relay Out, 12 VDC Power Supply
	IC200UDR010	28 Point (16) 24 VDC In, (11) Relay Out, (1) 24 VDC Out, 24 VDC Power Supply
	IC200UDD212	28 Point (16) 12 VDC In, (12) 12 VDC Out, 24 VDC Power Supply
VersaMax Micro Expansion Units 14 Point	IC200UEX009	14 Point (8) 120 VAC In, (2) Relay Out at 10 Amp, (4) Relay Out at 2 Amp, 120/240 VAC Power Supply
	IC200UEX010	14 Point (8) 120 VAC In, (6) 120 VAC Out, 120/240 VAC Power Supply
	IC200UEX011	14 Point (8) 24 VDC In, (6) Relay Out, 120/240 VAC Power Supply
	IC200UEX012	14 Point (8) 24 VDC In, (6) Relay Out, 24 VDC Power Supply
	IC200UEX013	14 Point (8) 12 VDC In, (6) Relay Out. 12 VDC Power Supply
	IC200UEX014	14 Point (8) 24 VDC In, (6) 24 VDC Out, 24 VDC Power Supply
	IC200UEX015	14 Point (8) 12 VDC In, (6) 12 VDC Out, 12 VDC Power Supply
	IC200UEX122	14 Point (8) 24 VDC In, (6) 24 VDC Out with ESCP, 24 VDC Power Supply
28 Point	IC200UEX209	28 Point (16) 120 VAC In, (4) Relay Out at 10 Amp, (8) Relay Out at 2 Amp, 120/240 VAC Power Supply
	IC200UEX210	28 Point (16) 120 VAC In, (12) 120 VAC Out, 120/240 VAC Power Supply
	IC200UEX211	28 Point (16) 24 VDC In, (12) Relay Out, 120 VAC Power Supply
	IC200UEX212	28 Point (16) 24 VDC In, (12) Relay Out, 24 VDC Power Supply
	IC200UEX213	28 Point (16) 12 VDC In, (12) Relay Out, 12 VDC Power Supply
	IC200UEX214	28 Point (16) 24 VDC In, (12) 24 VDC Out, 24 VDC Power Supply
	IC200UEX215	28 Point (16) 12 VDC In, (12) 12 VDC Out, 12 VDC Power Supply
	IC200UEX222	28 Point (16) 24 VDC In, (12) 24 VDC Out with ESCP, 24 VDC Power Supply
Analog Expansion	IC200UEX616	6 Channel Analog Combination, 4 Analog In, 2 Analog Out, 12 VDC Power Supply
	IC200UEX626	6 Channel Analog Combination, 4 Analog In, 2 Analog Out, 24 VDC Power Supply
	IC200UEX636	6 Channel Analog Combination, 4 Analog In, 2 Analog Out, 120/240 VAC Power Supply
	IC200UEX724	4 Channel RTD -100 to +600°C (PT100 2 and 3 wire), 24 VDC Power Supply
	IC200UEX734	4 Channel RTD -100 to +600°C (PT100 2 and 3 wire), 120/240 VAC Power Supply
	IC200UEX726	4 Channel RTD -100 to +600°C (PT100 2 and 3 wire), 2 Analog Out, 24 VDC Power Supply
	IC200UEX736	4 Channel RTD -100 to +600°C (PT100 2 and 3 wire), 2 Analog Out, 120/240 VAC Power Supply
Communications	IC200SET001	Ethernet Interface, Bridge from RS-232 or RS-485 Serial to Ethernet 10/100 BaseT, 12/24 VDC Power Supply
Accessories	BC646MPH101	Logic Developer PDA software tool with cable adapter
	IC200ACC414	Extended Battery Backup (up to 2 years at 60°C)

* Battery (IC200ACC403) is required for long term data retention. Battery not included.

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