

## VersaMax® Nano and Micro Controllers

크기가 작다고 성능도 작지 않습니다. 패널의 공간을보다 효과적으로 사용할 수 있게 해주는 VersaMax Nano 및 Micro PLC는 강력한 기능들을 제공합니다.

경제적이면서 빠른 프로세서 능력을 요구하는 대용량 어플리케이션에 VersaMax Nano는 이상적인 PLC입니다.

VersaMax Micro는 식품 화학, 포장, 수처리, 건설 장비 및 플라스틱과 같은 산업에서 필요로 하는 다양한 요구들을 만족시키는 기능과 유연성을 제공합니다.

VersaMax Nano PLC는 효율적인 공간을 필요로 하는 경우에 이상적인 솔루션입니다.

모든 것이 포함되어 있는 구조로서 설치가 손쉽습니다.

DIN Rail에 끼우거나 패널에 피스로 고정만 하면 끝입니다.

VersaMax Nano는 고객의 초기 투자 비용을 보다 줄일 수 있게 합니다.

## Proficiency™ Machine Edition

Proficiency™ Machine Edition은 장비 레벨 자동화의 개발 및 관리를 위한 진보된 소프트웨어 툴입니다.

터치 패널, 모션 제어, 로직 수행들을 하나의 프로그램 툴 안에서 개발할 수 있습니다.



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## Publication Reference Chart

GFK-1645 VersaMax Micro PLCs and Nano PLCs User's Manual  
IC690CDU002 InfoLink for PLC CD-ROM

## 나노 PLC



손바닥 만한 크기의 VersaMax Nano PLC는 패널의 공간을 효율적으로 사용할 수 있는 매우 컴팩트한 크기로서 All-in-one 타입의 제어기입니다. DIN레일에 끼우거나 패널에 붙이기만 하면 순시간에 설치를 끝낼 수 있습니다. 크기가 작고 비교적 저렴한 Nano PLC는 사용자가 어디에든 손쉽게 적용할 수 있게 합니다. Nano PLC는 저렴한 가격, 컴팩트한 크기, 빠른 처리속도를 가진 제어기를 원하는 대용량 어플리케이션에 이상적입니다.

Nano PLC의 손쉬운 설치와 긴 수명, 높은 신뢰도는 설비의 유지비용을 절약할 수 있게 돕습니다.

	IC200NAL110	IC200NAL211	IC200NDD010	IC200NDD101	IC200NDR001	IC200NDR010
Product Name	10 point (6) 12 VDC In, (1) Analog Voltage In, (4) Relay Out, 12 VDC Power Supply	10 point (6) 24 VDC In, (1) Analog Voltage In, (4) Relay Out, 24 VDC Power Supply	10 point (6) 12 VDC In, (4) 12 VDC Out, 12 VDC Power Supply	10 point (6) 24 VDC In, (4) 24 VDC Out, 24 VDC Power Supply	10 point (6) 24 VDC In, (4) Relay Out, 24 VDC Power Supply	10 point (6) 12 VDC In, (4) Relay Out, 12 VDC Power Supply
Number of Inputs/Outputs	6 In / 4 Out	6 In / 4 Out	6 In / 4 Out	6 In / 4 Out	6 In / 4 Out	6 In / 4 Out
Power Voltage	12 VDC	24 VDC	12 VDC	24 VDC	24 VDC	12 VDC
Communication Ports	1	1	1	1	1	1
Input Device Voltage	12 VDC	24 VDC	12 VDC	24 VDC	24 VDC	12 VDC
Output Control Voltage	Relay Out	Relay Out	12 VDC	24 VDC	Relay Out	Relay Out
Dimensions (WxHxD) mm	75x80x47	75x80x47	75x80x47	75x80x47	75x80x47	75x80x47
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C
Programming Software	VersaPro 2.0 or greater	VersaPro 2.0 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater
User Program Logic Memory	2 K	2 K	2 K	2 K	2 K	2 K
Physical I/O Maximum	10	10	10	10	10	10
Relay Operating Voltage	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC			5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC

## 마이크로 PLC



크기가 작다고 용량도 작지 않습니다. Micro PLC는 다양한 많은 기능을 가지고 있습니다. 28개의 I/O(140 I/O까지 확장이 가능), 빠른 처리속도, 신뢰성 있는 명령어 세트, 편안한 프로그래밍을 가능케 하는 풍부한 메모리 등을 제공합니다.

게다가 모든 패키지는 손쉬운 설치와 긴 수명을 가진 내구성을 지니는 튼튼한 모듈 구조로 이루어져 있습니다. 이 All-in-one PLC를 통해 고객은 다양한 어플리케이션에 성공적인 구성을 할 수 있습니다.

	IC200UAA003	IC200UAA007	IC200UAL004	IC200UAL005	IC200UAL006	IC200UAR014
Product Name	14 point (8) 120 VAC In, (6) 120 VAC Out, 120/240 VAC Power Supply	28 point; (16) 120 VAC In, (12) 120 VAC Out, 120/240 VAC Power Supply. Battery (IC200ACC403) is required for long term data retention. Battery is not included.	23 point; (13) 12 VDC In, (10) Relay Out, (2) Analog In and (1) Analog Out, 12 VDC Power Supply. Battery (IC200ACC403) is required for data retention. Battery is not included.	23 point; (13) 24 VDC In, (9) Relay Out, (1) 24 VDC Out, (2) Analog In and (1) Analog Out, 24 VDC Power Supply. Battery (IC200ACC403) is required for data retention. Battery is not included.	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. Battery (IC200ACC403) is required for data retention. Battery is not included.	14 point, (8) 120VAC In, (6) Relay Out, 120/240VAC Power Supply
Number of Inputs/Outputs	8 In / 6 Out	16 In / 12 Out	13 In / 10 Out	13 In / 10 Out	13 In / 10 Out	8 In / 6 Out
Power Voltage	120/240 VAC	120/240 VAC	12 VDC	24 VDC	120/240 VAC	120/240 VAC
Communication Ports	1	2	2	2	2	1
Input Device Voltage	120 VAC	120 VAC	12 VDC	24 VDC	24 VDC	120 VAC
Output Control Voltage	120 VAC	120 VAC	Relay Out	Relay Out	Relay Out	Relay Out
Dimensions (WxHxD) mm	95x90x76	150x90x76	150x90x76	150x90x76	150x90x76	95x90x76
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C
Programming Software	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater
User Program Logic Memory	9 K	9 K	9 K	9 K	9 K	9 K
Physical I/O Maximum	126	140	135	135	135	126
Relay Operating Voltage			5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC

## 마이크로 PLC



크기가 작다고 용량도 작지 않습니다. Micro PLC는 다양한 많은 기능을 가지고 있습니다. 28개의 I/O(140 I/O까지 확장이 가능), 빠른 처리속도, 신뢰성 있는 명령어 세트, 편안한 프로그래밍을 가능케 하는 풍부한 메모리 등을 제공합니다.

게다가 모든 패키지는 손쉬운 설치와 긴 수명을 가진 내구성을 지니는 튼튼한 모듈 구조로 이루어져 있습니다. 이 All-in-one PLC를 통해 고객은 다양한 어플리케이션에 성공적인 구성을 할 수 있습니다.

	IC200UAR028	IC200UDD104	IC200UDD110	IC200UDD112	IC200UDD120	IC200UDD212
Product Name	28 point, (16) 120VAC In, (12) Relay Out, 120/240VAC Power Supply. Battery (IC200ACC403) is required for data retention. Battery is not included.	14 point (8) 24 VDC In, (6) 12/24 VDC Out, (2) 1.0 A, (4) 0.5 A, 24 VDC Power Supply	28 point; (16) 24 VDC In, (12) 24 VDC Out (6) 1.0 A, (6) 0.5 A, 24 VDC Power Supply. Battery (IC200ACC403) is required for long term data retention. Battery is not included.	14 point (8) 12 VDC In, (6) 12 VDC Out, 0.7A, 12 VDC Power Supply	28 point; (16) 24 VDC In, (12) 24 VDC Out 6 1.0 A, 6 0.5 A, 24 VDC Power Supply. Battery (IC200ACC403) is required for long term data retention. Battery is not included.	28 point (16) 12 VDC In, (12) 12 VDC Out, 0.7A, 12 VDC Power Supply
Number of Inputs/Outputs	16 In / 12 Out	8 In / 6 Out	16 In / 12 Out	8 In / 6 Out	16 In / 12 Out	16 In / 12 Out
Power Voltage	120/240 VAC	24 VDC	24 VDC	12 VDC	24 VDC	12 VDC
Communication Ports	2	1	2	1	2	2
Input Device Voltage	120 VAC	24 VDC	24 VDC	12 VDC	24 VDC	12 VDC
Output Control Voltage	Relay Out	24 VDC	24 VDC	12 VDC	24 VDC ESCP	12 VDC
Dimensions (WxHxD) mm	150x90x76	95x90x76	150x90x76	95x90x76	150x90x76	150x90x76
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C
Programming Software	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater
User Program Logic Memory	9 K	9 K	9 K	9 K	9 K	9 K
Physical I/O Maximum	135	126	140	126	140	140
Relay Operating Voltage	5 to 30 VDC and 5 to 250 VAC					

## 마이크로 PLC



크기가 작다고 용량도 작지 않습니다. Micro PLC는 다양한 많은 기능을 가지고 있습니다.

28개의 I/O(140 I/O까지 확장이 가능), 빠른 처리속도, 신뢰성 있는 명령어 세트, 편안한 프로그래밍을 가능케하는 풍부한 메모리 등을 제공합니다.

게다가 모든 패키지는 손쉬운 설치와 긴 수명을 가진 내구성을 지니는 튼튼한 모듈 구조로 이루어져 있습니다.

이 All-in-one PLC를 통해 고객은 다양한 어플리케이션에 성공적인 구성을 할 수 있습니다.

	IC200UDR001	IC200UDR002	IC200UDR003	IC200UDR005	IC200UDR006	IC200UDR010
Product Name	14 point (8) 24 VDC In, (6) Relay Out, 120/240 VAC Power Supply	14 point (8) 24 VDC In, (6) Relay Out, 24 VDC Power Supply	14 point (8) 24 VDC In, (6) Relay Out, 12 VDC Power Supply	28 point; (16) 24 VDC In, (11) Relay Out, (1) 24 VDC Out, 120/240 VAC Power Supply. Battery (IC200ACC403) is required for long term data retention. Battery is not included.	28 point; (16) 24 VDC In, (11) Relay Out, (1) 24 VDC Out, 24 VDC Power Supply. Battery (IC200ACC403) is required for long term data retention. Battery is not included.	28 point; (16) 24 VDC In, (11) Relay Out, (1) 24 VDC Out, 24 VDC Power Supply. Battery (IC200ACC403) is required for long term data retention. Battery is not included.
Number of Inputs/Outputs	8 In / 6 Out	8 In / 6 Out	8 In / 6 Out	16 In / 12 Out	16 In / 12 Out	16 In / 12 Out
Power Voltage	120/240 VAC	24 VDC	12 VDC	120/240 VAC	12 VDC	24 VDC
Communication Ports	1	1	1	2	2	2
Input Device Voltage	24 VDC	24 VDC	12 VDC	24 VDC	12 VDC	24 VDC
Output Control Voltage	Relay Out	Relay Out	Relay Out	Relay Out	Relay Out	Relay Out
Dimensions (WxHxD) mm	95x90x76	95x90x76	95x90x76	150x90x76	150x90x76	150x90x76
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C
Programming Software	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater	VersaPro 1.1 or greater
User Program Logic Memory	9 K	9 K	9 K	9 K	9 K	9 K
Physical I/O Maximum	126	126	126	140	140	140
Relay Operating Voltage	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC

## 확장 유닛



VersaMax Micro의 모듈 구조는 사용자가 컴팩트한 컨트롤 환경에서도 극대화된 유연성을 가질 수 있게 합니다.

Micro PLC는 4개의 확장 유닛까지 연결하여 사용할 수 있습니다.

이는 28 I/O의 모듈을 통해 140 I/O까지 거느릴 수 있게 합니다.

	IC200UEX009	IC200UEX010	IC200UEX011	IC200UEX012	IC200UEX013	IC200UEX014
Product Name	14 point (8) 120 VAC In, (6) Relay Out (2 outputs at 10 amp and 4 outputs at 2 amp), 120/240 VAC Power Supply	14 point (8) 24 VDC In, (6) 120 VAC Out, 120/240 VAC Power Supply	14 point (8) 24 VDC In, (6) Relay Out, 120/240 VAC Power Supply	14 point (8) 24 VDC In, (6) Relay Out, 24 VDC Power Supply	14 point (8) 12 VDC In, (6) Relay Out, 12 VDC Power Supply	14 point (8) 24 VDC In, (6) 24 VDC Out, 24 VDC Power Supply
Number of Inputs/Outputs	8 In / 6 Out	8 In / 6 Out	8 In / 6 Out	8 In / 6 Out	8 In / 6 Out	8 In / 6 Out
Power Voltage	120/240 VAC	120/240 VAC	120/240 VAC	24 VDC	12 VDC	24 VDC
Input Device Voltage	120 VAC	120 VAC	24 VDC	24 VDC	12 VDC	24 VDC
Output Control Voltage	Relay Out	120 VAC	Relay Out	Relay Out	Relay Out	24 VDC
Dimensions (WxHxD) mm	95x90x76	95x90x76	95x90x76	95x90x76	95x90x76	95x90x76
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C
Power Supply Voltage Range	85 to 264 VAC	85 to 264 VAC	85 to 264 VAC	19.2 VDC to 30 VDC	9.6 VDC to 15 VDC	19.2 VDC to 30 VDC
Input Power Supply Rating	11 VA	11 VA	11 VA	4 Watts	4 Watts	4 Watts
Input Power	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 12 VDC out	8 watts internal plus 5 watts out to user 24 VDC out
Relay Operating Voltage	5 to 30 VDC and 5 to 250 VAC		5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC	

## 확장 유닛



VersaMax Micro의 모듈 구조는 사용자가 컴팩트한 컨트롤 환경에서도 극대화된 유연성을 가질 수 있게 합니다.

Micro PLC는 4개의 확장 유닛까지 연결하여 사용할 수 있습니다.

이는 28 I/O의 모듈을 통해 140 I/O까지 거느릴 수 있게 합니다.

	IC200UEX015	IC200UEX122	IC200UEX209	IC200UEX210	IC200UEX211	IC200UEX212
Product Name	14 point (8) 12 VDC In, (6) 12VDC Out, 12 VDC Power Supply	14 point (8) 24 VDC In, (6) 24VDC Out with ESCP, 24 VDC Power Supply	28 point (16) 120 VAC In, (12) Relay Out (2 outputs at 10 amp and 10 outputs at 2 amp), 120/240 VAC Power Supply	28 point (16) 24 VDC In, (12) 120VAC Out, 120/240 VAC Power Supply	28 point (16) 24 VDC In, (12) Relay Out, 120/240 VAC Power Supply	28 point (16) 24 VDC In, (12) Relay Out, 24 VDC Power Supply
Number of Inputs/Outputs	8 In / 6 Out	8 In / 6 Out	16 In / 12 Out	16 In / 12 Out	16 In / 12 Out	16 In / 12 Out
Power Voltage	12 VDC	24 VDC	120/240 VAC	120/240 VAC	120/240 VAC	24 VDC
Input Device Voltage	12 VDC	24 VDC	120 VAC	120 VAC	24 VDC	24 VDC
Output Control Voltage	12 VDC	24 VDC ESCP	Relay Out, 2 outputs @ 10 Amps	120 VAC	Relay Out	Relay Out
Dimensions (WxHxD) mm	95x90x76	95x90x76	150x90x76	150x90x76	150x90x76	150x90x76
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C
Power Supply Voltage Range	9.6 VDC to 15 VDC	19.2 VDC to 30 VDC	85 to 264 VAC	85 to 264 VAC	85 to 264 VAC	19.2 VDC to 30 VDC
Input Power Supply Rating	4 Watts	4 Watts	35 VA	35 VA	35 VA	8 Watts
Input Power	8 watts internal plus 5 watts out to user 12 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out
Relay Operating Voltage			5 to 30 VDC and 5 to 250 VAC		5 to 30 VDC and 5 to 250 VAC	5 to 30 VDC and 5 to 250 VAC

## 확장 유닛



VersaMax Micro의 모듈 구조는 사용자가 컴팩트한 컨트롤 환경에서도 극대화된 유연성을 가질 수 있게 합니다.

Micro PLC는 4개의 확장 유닛까지 연결하여 사용할 수 있습니다.

이는 28 I/O의 모듈을 통해 140 I/O까지 거느릴 수 있게 합니다.

	IC200UEX213	IC200UEX214	IC200UEX215	IC200UEX222
Product Name	28 point (16) 12 VDC In, (12) Relay Out, 12 VDC Power Supply	28 point (16) 24 VDC In, (12) 24VDC Out, 24 VDC Power Supply	28 point (16) 12 VDC In, (12) 12VDC Out, 12 VDC Power Supply	28 point (16) 24 VDC In, (12) 24VDC Out with ESCP, 24 VDC Power Supply
Number of Inputs/Outputs	16 In / 12 Out	16 In / 12 Out	16 In / 12 Out	16 In / 12 Out
Power Voltage	12 VDC	24 VDC	12 VDC	24 VDC
Input Device Voltage	12 VDC	24 VDC	12 VDC	24 VDC
Output Control Voltage	Relay Out	24 VDC	12 VDC	24 VDC ESCP
Dimensions (WxHxD) mm	150x90x76	150x90x76	150x90x76	150x90x76
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C
Power Supply Voltage Range	9.6 VDC to 15 VDC	19.2 VDC to 30 VDC	9.6 VDC to 15 VDC	19.2 VDC to 30 VDC
Input Power Supply Rating	8 Watts	8 Watts	8 Watts	8 Watts
Input Power	8 watts internal plus 5 watts out to user 12 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 12 VDC out	8 watts internal plus 5 watts out to user 24 VDC out
Relay Operating Voltage	5 to 30 VDC and 5 to 250 VAC			



## 아날로그 확장 유니트



VersaMax Micro는 아날로그 I/O역시 지원합니다.

Micro PLC는 4개의 아날로그 확장 유니트를 연결할 수 있으며 14포인트 혹은 28포인트 모듈을 통해 16개의 입력과 8개의 출력을 가지는 시스템을 확장하거나 23포인트 모듈을 통해 18개의 입력에 9개의 출력을 가지는 시스템으로 확장할 수 있습니다.

	IC200UEX616	IC200UEX626	IC200UEX636
Product Name	6 Analog Channels (4) 0 to 10VDC, $\pm$ 10VDC, 4 to 20ma, 0 to 20ma In, (2) 0 to 10VDC, 4 to 20ma, 0 to 20ma Out, VDC Power Supply	6 Analog Channels (4) 0 to 10VDC, $\pm$ 10VDC, 4 to 20ma, 0 to 20ma In, (2) 0 to 10VDC, 4 to 20ma, 0 to 20ma Out, 24 VDC Power Supply	6 Analog Channels (4) 0 to 10VDC, $\pm$ 10VDC, 4 to 20ma, 0 to 20ma In, (2) 0 to 10VDC, 4 to 20ma, 0 to 20ma Out, 120/240 VAC Power Supply
Number of Inputs/Outputs	4 Channels In / 2 Channels Out	5 Channels In / 2 Channels Out	6 Channels In / 2 Channels Out
Power Voltage	12 VDC	24 VDC	120/240 VAC
Dimensions (WxHxD) mm	95x90x76	95x90x76	95x90x76
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C
Power Supply Voltage Range	9.6 VDC to 15 VDC	19.2 VDC to 30 VDC	85 to 264 VAC
Input Power	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out	8 watts internal plus 5 watts out to user 24 VDC out
Analog Input Ranges	0-10 V (10.23 V Max); 0- $\pm$ 10 V ( $\pm$ 10.23 V Max); 0-20 mA (20.47 mA Max); 4-20 mA	0-10 V (10.23 V Max); 0- $\pm$ 10 V ( $\pm$ 10.23 V Max); 0-20 mA (20.47 mA Max); 4-20 mA	0-10 V (10.23 V Max); 0- $\pm$ 10 V ( $\pm$ 10.23 V Max); 0-20 mA (20.47 mA Max); 4-20 mA
Analog Input Accuracy	$\pm$ 1% of full scale over full operating temperature range	$\pm$ 1% of full scale over full operating temperature range	$\pm$ 1% of full scale over full operating temperature range
Output Ranges	0 to 10 VDC (10.24 V max.) 0 to 20 mA (20.5 mA max.) 4 to 20 mA (20.5 mA max.)	0 to 10 VDC (10.24 V max.) 0 to 20 mA (20.5 mA max.) 4 to 20 mA (20.5 mA max.)	0 to 10 VDC (10.24 V max.) 0 to 20 mA (20.5 mA max.) 4 to 20 mA (20.5 mA max.)
Analog Output Accuracy	$\pm$ 1% of full scale over full operating temperature range	$\pm$ 1% of full scale over full operating temperature range	$\pm$ 1% of full scale over full operating temperature range

## 아날로그 확장 유니트



VersaMax Micro는 아날로그 I/O역시 지원합니다.

Micro PLC는 4개의 아날로그 확장 유니트를 연결할 수 있으며 14포인트 혹은 28포인트 모듈을 통해 16개의 입력과 8개의 출력을 가지는 시스템을 확장하거나 23포인트 모듈을 통해 18개의 입력에 9개의 출력을 가지는 시스템으로 확장할 수 있습니다.

	IC200UEX724	IC200UEX734	IC200UEX726	IC200UEX736
Product Name	4 RTD Channels IN, 120/240 VAC Power Supply	4 RTD Channels IN, 24 VDC Power Supply	4 RTD Channels IN , (2) Analog Channels OUT 0 to 10VDC, 4 to 20ma, 0 to 20ma Out, 24 VDC Power Supply	4 RTD Channels IN , (2) Analog Channels OUT 0 to 10VDC, 4 to 20ma, 0 to 20ma Out, 120/240 VAC Power Supply
Number of Inputs/Outputs	4 Channels RTD In	4 Channels RTD In	6 Channels In / 2 Channels Out	6 Channels In / 2 Channels Out
Power Voltage	24 VDC	120/240 VAC	24 VDC	120/240 VAC
Dimensions (WxHxD) mm	95x90x76	95x90x76	95x90x76	95x90x76
Operating Temperature	0°C to +55°C	0°C to +55°C	0°C to +55°C	0°C to +55°C
Power Supply Voltage Range	19.2 VDC to 30 VDC	85 to 264 VAC	19.2 VDC to 30 VDC	85 to 264 VAC
Input Power	4 Watts	11 VA	4 Watts	11 VA
Analog Input Ranges	2- and 3-wire types, PT 100	2- and 3-wire types, PT 100	2- and 3-wire types, PT 100	2- and 3-wire types, PT 100
Analog Input Accuracy	±1% of full scale over full operating temperature range	±1% of full scale over full operating temperature range	±1% of full scale over full operating temperature range	±1% of full scale over full operating temperature range
Output Ranges	0 to 10 VDC (10.24 V max.) 0 to 20 mA (20.5 mA max.) 4 to 20 mA (20.5 mA max.)	0 to 10 VDC (10.24 V max.) 0 to 20 mA (20.5 mA max.) 4 to 20 mA (20.5 mA max.)	0 to 10 VDC (10.24 V max.) 0 to 20 mA (20.5 mA max.) 4 to 20 mA (20.5 mA max.)	0 to 10 VDC (10.24 V max.) 0 to 20 mA (20.5 mA max.) 4 to 20 mA (20.5 mA max.)
Analog Output Accuracy	±1% of full scale over full operating temperature range	±1% of full scale over full operating temperature range	±1% of full scale over full operating temperature range	±1% of full scale over full operating temperature range

## 데이터판넬



GE Fanuc의 VersaMax DataPanel은 숫자 입력 키와 함께 문자 표시장치를 필요로 하는 다양한 어플리케이션에 이상적입니다.

DataPanel을 통해 손쉽게 타이머, 카운터, 레지스터 메모리에 접근할 수 있으며 모든 VersaMax DataPanel은 사용자 설정 없이 VersaMax Micro 혹은 Nano에 손쉽게 연결할 수 있도록 프로그램 되어 있습니다.

	IC200DTX200	IC200DTX450	IC200DTX650	IC200DTX850
Product Name	Operator Interface for changing timer/counter/register values. 2x16 character LCD backlight display and 6 operation keys. No stored messaging, PLC stores messages. Requires IC200CBL550 cable or equivalent. Operates on 5 VDC @ 100ma from Micro or Nano.	Operator Interface with up to 200 stored messages. 2x16 character LCD backlight display and 6 function keys. Requires IC200CBL550 or equivalent. Operates on external 24 VDC @ 40 ma.	Operator Interface with up to 200 stored messages. 4x16 character LCD backlight display and 8 function keys. Requires IC200CBL550 cable or equivalent. Operates on external 24 VDC @ 80 ma.	Operator Interface with up to 200 stored messages. 4x20 character LCD backlight display and 8 function keys. and numeric keypad. Requires IC200CBL550 cable or equivalent. Operates on external 24 VDC @ 50 ma.
Characters Per Line	16	16	16	20
Function Keys	0	6	8	8
Numeric Keypad	0	0	0	Yes
Memory Size (Number of Messages)	Messages stored in PLC	200 stored in operator interface	200 stored in operator interface	200 stored in operator interface
DataPanel Dimensions (WxHxD) mm	108x60x27	108x60x45	96x96x44	182x101x37
Number of Lines	2	2	4	4
Display Type	LCD Display with Backlight	LCD Display with Backlight	LCD Display with Backlight	LCD Display with Backlight
Operating Temperature	0°C to +50°C	0°C to +50°C	0°C to +50°C	0°C to +50°C
NEMA Rating	NEMA 4	NEMA 4	NEMA 4	NEMA 4
Programming Software	None required	DataDesigner (IC752DDZ000)	DataDesigner (IC752DDZ000)	DataDesigner (IC752DDZ000)

## 통신

VersaMax Micro and Nano는 VersaMax SE를 통해 손쉽게 Ethernet LAN에 연결할 수 있습니다. 사용자는 손쉽게 VersaMax Micro 혹은 Nano 컨트롤러를 감시 및 업로드 다운로드를 할 수 있습니다.



IC200SET001

Product Name	Ethernet to Serial Network Module
Ethernet Port	10/100Mbps port supporting RJ45 connection
Serial Port	One RS-232 and one RS-485 port (up to 16 devices supported)
Communications Configurations	Communication configurations include Ethernet SRTP to SNP or Modbus TCP to Modbus Slave
Power Voltage	12/24VDC
Communication Ports	3
Dimensions (WxHxD) mm	36x90x60
Programming Software	VersaPro 2.0 or greater/ Proficy Logic Developer-Machine Edition
Mounting	35 mm DIN-Rail
Power Supply Voltage Range	12/24VDC

## Accessories

IC200ACC402	Spare Removable Terminal Strips, 10 per pack
IC200ACC403	Coin Type Battery for 23 and 28 point Micro for data retention (Average 9.7 months)
IC200ACC414	Long Term Battery for 23 and 28 point Micro for data retention (Average 7 years)
IC200ACC404	Spare Parts Kit. Two terminal strips and four plastic doors and four covers
IC200ACC415	RS-232 to RS-485 Converter Requires IC200CBL500 or Equivalent
IC200ACC450	Simulator for VersaMax Nano. 6 Inputs
IC200ACC451	Simulator for VersaMax Micro. 8 Inputs

## Cables

IC200CBL500	Programming Cable (RJ-45 to DB-9 pin) RS-232, 3 meters
IC200CBL501	I/O Expansion Cable, 0.1 meter long (Qty 5)
IC200CBL505	I/O Expansion Cable, 0.5 meter long
IC200CBL510	I/O Expansion Cable, 1 meter long

## Starter Kits

IC200TBX010	Tool Box, 10 point, (IC200NDR001) 24VDC In/Relay Out, 24VDC Powered (requires an external 24VDC Supply) With Proficy Software, Manuals and Cables
IC200TBX014	Tool Box, 14 point, (IC200UDR001) 24VDC In/Relay Out, AC Power Supply With Proficy Software, Manuals and Cables
IC200TBX023	Tool Box, 23 point, (IC200UAL006) DC In/Relay Out, 2 Analog In, 1 Analog out, AC Power Supply With Software, Manuals and Cables (IC640VPS002)
IC200TBX028	Tool Box, 28 point, (IC200UDR005) 24VDC In/Relay Out, AC Power Supply With Proficy Software, Manuals and Cables
IC200TBX110	Tool Box, 10 point (IC200NDR001) 24VDC In/Relay Out, 24VDC Powered (requires an external 24VDC Supply), VersaMax DataPanel DP45 with Programming Proficy Software and Cables, (IC752DDZ000, IC200CBL555)
IC200TBX114	Tool Box, 14 point (IC200UDR001) 24VDC In/Relay Out, AC Power Supply, VersaMax DataPanel DP45 with Proficy Programming Software and Cables, (IC752DDZ000, IC200CBL555)
IC200TBX123	Tool Box, 23 point (IC200UAL006) 24VDC In/Relay Out, 2 Analog In/1 Analog out, AC P/S, VersaMax DataPanel DP45 with Proficy Programming Software and Cables, (IC752DDZ000, IC200CBL555)
IC200TBX128	Tool Box, 28 point (IC200UDR005) 24VDC In/Relay Out, AC P/S, VersaMax DataPanel DP45 with Proficy Programming Software and Cables, (IC752DDZ000, IC200CBL555)
IC200TBX210	Tool Box, 10 point, (IC200NDR001) 24VDC In/Relay Out, 24VDC Powered (requires an external 24VDC Supply), VersaMax SE (IC200SET001) with all Proficy Software, Cables and Manuals.
IC200TBX214	Tool Box, 14 point, (IC200UDR001) 24VDC In/Relay Out, requires 120VAC Power, VersaMax SE (IC200SET001) with all Proficy Software, Cables and Manuals.
IC200TBX223	Tool Box, 23 point, (IC200UAL006) 24VDC In/Relay Out, requires 120VAC Power, VersaMax SE (IC200SET001) with all Proficy Software, Cables and Manuals.
IC200TBX228	Tool Box, 28 point, (IC200UDR005) 24VDC In/Relay Out, requires 120VAC Power, VersaMax SE (IC200SET001) with all Proficy Software, Cables and Manuals.