


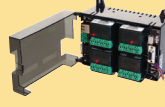

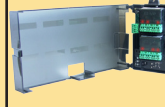



EZPLC Nano & Micro Selection Guide and Specifications

EZPLC Model Specifications				
Part Number	EZPLCN-D-16-8R	\$95		
	EZPLCN-D-F16-8R EZPLCN-D-F16-8R-485	\$99 \$125		
	EZPLCM-D-24-8-8R	\$189		
	EZPLCM-D-F24-8-8R	\$199		
	EZPLCM-D-F24-8-8R-485	\$225		
	EZPLCM-D-24-8-8R-2AI2AOC	\$289		
	EZPLCM-D-24-8-8R-4AI4AOV	\$289		
	EZPLCM-D-F24-8-8R-2AI2AOC	\$299		
	EZPLCM-D-F24-8-8R-4AI4AOV	\$299		
	EZPLCM-D-F24-8-8R-2AI2AOC-485	\$325		
	EZPLCM-D-F24-8-8R-4AI4AOV-485	\$325		
Specifications	EZPLC Nano DC Power		EZPLC Micro DC Power	
Input Voltage Range	24VDC (20-28VDC)			
I/O Base	Fixed			
Inputs	16 DC input, 2 can be configured for 20 KHz Encoder		24 DC Inputs	
Outputs	8 Relay outputs, 10A/point		8 DC Out, 8 Relay out, 10A/point	
Power Supply Capacity	3.3V @ 1 Amp			
CPU & Support Electronics Power	300mA			
I/O Module Power	25mA			
Maximum Power Consumption	10 watts			
CPU Processor	32 Bit, 40 MHz RISC Processor			
Total Memory	64 KB (Ladder)			
Total # of Registers	8192 16Bit			
Typical Scan Time	3ms (1K Boolean)			
Real Time Clock/Calendar	No, but available thru EZTouch			
Data/Program Storage/Battery Backup	Both Stored in Flash, No Battery			
Operating Temperature	-10° C to 60° C			
Storage Temp.	-20° C to 70° C			
Humidity	10-95% Non-Condensing			
Electrical Noise	Nema ICS 2-230 Showering arc; ANSI C37.90a SWC; Level C Chattering Relay Test			
Agency Approval	UL, CUL, CE (File no. E209355)			
Withstand Voltage	1000VDC (1 minute) between power supply input terminal and protective ground)			
Insulation Resistance	Over 20M Ohm between power supply input and terminal and protective ground			
Vibration	5 to 55Hz 2G's for 2 hours in X,Y,and Z axis			
Shock	10G for under 12ms in the X,Y, and Z axis			
Communication Ports	RS232 (Programming and HMI Port Only with EZ Protocol)			
	RS 485			
External Dimensions	5.94" x 4.89" x 3.27" (150.75 x 124.16 x 83.10mm)		7.35" x 4.89" x 3.27" (186.69 x 124.16 x 83.10mm)	

EZPLC Selection Guide and Specifications

EZPLC Model Specifications

Part Number	Snap-in I/O Module base		Snap-in I/O Module base		Snap-in I/O Module base		Snap-in I/O Module base		Snap-in I/O Module base	
	EZPLCJ-A-32 - \$89 EZPLCJ-D-32 - \$69 Screw-down I/O Module base EZPLCPJ-A-32 - \$109 EZPLCPJ-D-32 - \$89		EZPLC-A-32 - Standard \$139 EZPLC-A-32E - Ethernet \$239 EZPLC-D-32 - Standard \$122 EZPLC-D-32E - Ethernet \$222 Screw-down I/O Module base EZPLCP-A-32 - Standard \$159 EZPLCP-A-32E - Ethernet \$259 EZPLCP-D-32 - Standard \$149 EZPLCP-D-32E - Ethernet \$249		EZPLC-A-48 - Standard \$188 EZPLC-A-48E - Ethernet \$288 EZPLC-D-48 - Standard \$165 EZPLC-D-48E - Ethernet \$265 Screw-down I/O Module base EZPLCP-A-48 - Standard \$225 EZPLCP-A-48E - Ethernet \$325 EZPLCP-D-48 - Standard \$199 EZPLCP-D-48E - Ethernet \$299		EZPLC-A-64 - Standard \$209 EZPLC-A-64E - Ethernet \$309 EZPLC-D-64 - Standard \$187 EZPLC-D-64E - Ethernet \$287 Screw-down I/O Module base EZPLCP-A-64 - Standard \$249 EZPLCP-A-64E - Ethernet \$349 EZPLCP-D-64 - Standard \$225 EZPLCP-D-64E - Ethernet \$325		EZPLC-A-96 - Standard \$239 EZPLC-A-96E - Ethernet \$339 EZPLC-D-96 - Standard \$219 EZPLC-D-96E - Ethernet \$319 Screw-down I/O Module base EZPLCP-A-96 - Standard \$289 EZPLCP-A-96E - Ethernet \$389 EZPLCP-D-96 - Standard \$259 EZPLCP-D-96E - Ethernet \$359	
										
Specifications	EZPLC models with "E" suffix are built with 10/100 Base-T Ethernet with a standard RJ45 connector									
	4 Slot EZPLC Jr AC Power	4 Slot EZPLC Jr DC Power	4 Slot EZPLC AC Power	4 Slot EZPLC DC Power	6 Slot EZPLC AC Power	6 Slot EZPLC DC Power	8 Slot EZPLC AC Power	8 Slot EZPLC DC Power	12 Slot EZPLC AC Power	12 Slot EZPLC DC Power
Input Voltage Range	110 VAC (95-125VAC)	24VDC (20-28VDC)	110 VAC (95-125VAC)	24VDC (20-28VDC)	110 VAC (95-125VAC)	24VDC (20-28VDC)	110 VAC (95-125VAC)	24VDC (20-28VDC)	110 VAC (95-125VAC)	24VDC (20-28VDC)
Maximum I/O Capacity	4 Slot Base (32/I/O Max)		4 Slot Base (32/I/O Max)		6 Slot Base (48/I/O Max)		8 Slot Base (64/I/O Max)		12 Slot Base (96/I/O Max)	
Power Supply Capacity	3.3V @ 1 Amp									
CPU & Support Electronics Power	300mA									
I/O Module Power	25mA									
DeviceNet/Profibus Interface Power	NA		DeviceNet 50mA, Profibus 100mA							
Maximum Power Consumption	10 watts		10 watts		11 watts		12 watts		15 watts	
CPU Processor	32 Bit, 40 MHz RISC Processor									
Total Memory	64 KB (Ladder)									
Total # of Registers	8192 16Bit									
Typical Scan Time	5ms (1K Boolean)		3ms (1K Boolean)							
Real Time Clock/Calendar	NA		Built-in							
Battery Backup	NA		Yes, Lithium coin cell battery with 5 year life expectancy, with a low battery indicator							
LED Indicators	Input Power, CPU Status (Run, Program & Run/Program) , Low Battery and RS232 Programming Port active indicators									
I/O Supported	EZ/I/O Snap-in modules with status LEDs and Removable Terminal Block DC / AC / Analog / Relay / Thermocouple / High Speed Counter / DeviceNet / Profibus									
Operating Temperature	-10C to 60C									
Storage Temp.	-20C to 70C									
Humidity	10-95% Non-Condensing									
Electrical Noise	Nema ICS 2-230 Showering arc; ANSI C37.90a SWC; Level C Chattering Relay Test									
Agency Approval	UL, CUL, CE (File no. E209355)									
Withstand Voltage	1000VDC (1 minute) between power supply input terminal and protective ground)									
Insulation Resistance	Over 20M Ohm between power supply input and terminal and protective ground									
Vibration	5 to 55Hz 2G's for 2 hours in X,Y, and Z axis									
Shock	10G for under 12ms in the X,Y, and Z axis									
Communication Ports	RS232		Standard Model: Port 1: RS232 (Programming and HMI Port Only with EZ Protocol) Port 2: RS422 (1.2K, 2.4K, 4.8K, 9.6K, 19.2K, and 38.4K Baud Rates supported) ASCII In/Out							
	NA		Ethernet Model: Port 1: RS232 (Programming and HMI Port Only with EZ Protocol) Port 2: RS422 (1.2K, 2.4K, 4.8K, 9.6K, 19.2K, and 38.4K Baud Rates supported) ASCII In/Out Port 3: Ethernet TCP/IP with EZ Protocol for programming or interface to an HMI							
External Dimensions	5.75" x 4.868" x 3.124" (146.05 x 123.65 x 79.356mm)		5.75" x 4.868" x 3.124" (146.05 x 123.65 x 79.356mm)		8.35" x 4.868" x 3.124" (212.09 x 123.65 x 79.356mm)		9.21" x 5.818" x 3.124" (233.93 x 147.78 x 79.356mm)		14.908" x 5.173" x 3.124" (378.65 x 131.4 x 79.356mm)	