



EZPLC Nano & Micro Selection Guide and Specifications

EZSeries PLC Model Specifications						
Part Number	EZPLCN-D-16-8R	\$95		EZPLCM-D-24-8-8R	\$189	
	EZPLCN-D-F16-8R	\$99		EZPLCM-D-F24-8-8R	\$199	
	EZPLCN-D-F16-8R-485	\$125		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)		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					
Protocols Supported	EZ Protocol on RS232		ASCII In/Out on RS422/485 port; EZ Protocol on Ethernet and RS232 port DeviceNet Slave option card (EZPLC-DeviceNet), and Profibus Slave option card (EZPLC-Profibus)			
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)			