



EZPLC Nano & Micro Selection Guide and Specifications

EZPLC Model Specifications				
Part Number	EZPLCN-D-16-8R \$119 EZPLCN-D-F16-8R \$129 EZPLCN-D-F16-8R-485 \$139		EZPLCM-D-24-8-8R \$199 EZPLCM-D-F24-8-8R \$209 EZPLCM-D-F24-8-8R-485 \$239 EZPLCM-D-24-8-8R-2AI2AOC \$319 EZPLCM-D-24-8-8R-4AI4AOV \$319 EZPLCM-D-F24-8-8R-2AI2AOC \$329 EZPLCM-D-F24-8-8R-4AI4AOV \$329 EZPLCM-D-F24-8-8R-2AI2AOC-485 \$339 EZPLCM-D-F24-8-8R-4AI4AOV-485 \$339	
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			
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)	