



EZPLC Nano & Micro Selection Guide and Specifications

EZPLC Model Specifications		
Part Number	EZPLCN-D-16-8R EZPLCN-D-F16-8R EZPLCN-D-F16-8R-485 	EZPLCM-D-24-8-8R EZPLCM-D-F24-8-8R EZPLCM-D-F24-8-8R-485 EZPLCM-D-24-8-8R-2AI2AOC EZPLCM-D-24-8-8R-4AI4AOV EZPLCM-D-F24-8-8R-2AI2AOC EZPLCM-D-F24-8-8R-4AI4AOV EZPLCM-D-F24-8-8R-2AI2AOC-485 EZPLCM-D-F24-8-8R-4AI4AOV-485 
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)