



EZPLC Selection Guide and Specifications

EZSeries PLC Model Specifications

Part Number	Snap-in I/O Module base EZPLC-A-32 - Standard EZPLC-J-D-32 - Ethernet EZPLC-D-32 - Standard EZPLC-D-32E - Ethernet Screw-down I/O Module base EZPLCP-A-32 - Standard EZPLCP-A-32E - Ethernet EZPLCP-D-32 - Standard EZPLCP-D-32E - Ethernet		Snap-in I/O Module base EZPLC-A-48 - Standard EZPLC-A-48E - Ethernet EZPLC-D-48 - Standard EZPLC-D-48E - Ethernet Screw-down I/O Module base EZPLCP-A-48 - Standard EZPLCP-A-48E - Ethernet EZPLCP-D-48 - Standard EZPLCP-D-48E - Ethernet		Snap-in I/O Module base EZPLC-A-64 - Standard EZPLC-A-64E - Ethernet EZPLC-D-64 - Standard EZPLC-D-64E - Ethernet Screw-down I/O Module base EZPLCP-A-64 - Standard EZPLCP-A-64E - Ethernet EZPLCP-D-64 - Standard EZPLCP-D-64E - Ethernet		Snap-in I/O Module base EZPLC-A-96 - Standard EZPLC-A-96E - Ethernet EZPLC-D-96 - Standard EZPLC-D-96E - Ethernet Screw-down I/O Module base EZPLCP-A-96 - Standard EZPLCP-A-96E - Ethernet EZPLCP-D-96 - Standard EZPLCP-D-96E - Ethernet			
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 (32I/O Max)		4 Slot Base (32I/O Max)		6 Slot Base (48I/O Max)		8 Slot Base (64I/O Max)		12 Slot Base (96I/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 16 Bit									
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 Temp	-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 (pending)									
Agency Approval	UL, CUL, CE (pending)									
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		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)	