

# EZSeries TextPLC Selection Guide and Specifications

EZText PLC Model Specifications					
<b>EZSeries TextPLC</b>	EZ-220-PLC (Snap-in I/O) \$272 EZP-220-PLC (Screw-down I/O) \$302	EZ-420-PLC (Snap-in I/O) \$292 EZP-420-PLC (Screw-down I/O) \$322	EZ-220P-PLC (Snap-in I/O) \$342 EZP-220P-PLC (Screw-down I/O) \$372	EZ-220V-PLC (Snap-in I/O) \$372 EZP-220V-PLC (Screw-down I/O) \$402	EZ-220PV-PLC (Snap-in I/O) \$442 EZP-220PV-PLC (Screw-down I/O) \$472
<b>EZSeries TextPLC w/ Ethernet</b>	EZ-220-PLC-E (Snap-in I/O) \$371 EZP-220-PLC-E (Screw-down I/O) \$401	EZ-420-PLC-E (Snap-in I/O) \$391 EZP-420-PLC-E (Screw-down I/O) \$421	EZ-220P-PLC-E (Snap-in I/O) \$441 EZP-220P-PLC-E (Screw-down I/O) \$471	EZ-220V-PLC-E (Snap-in I/O) \$471 EZP-220V-PLC-E (Screw-down I/O) \$501	EZ-220PV-PLC-E (Snap-in I/O) \$541 EZP-220PV-PLC-E (Screw-down I/O) \$571
<b>EZSeries TextPLC w/ DeviceNet</b>	EZ-220-PLC-D (Snap-in I/O) \$351 EZP-220-PLC-D (Screw-down I/O) \$381	EZ-420-PLC-D (Snap-in I/O) \$371 EZP-420-PLC-D (Screw-down I/O) \$401	EZ-220P-PLC-D (Snap-in I/O) \$421 EZP-220P-PLC-D (Screw-down I/O) \$451	EZ-220V-PLC-D (Snap-in I/O) \$451 EZP-220V-PLC-D (Screw-down I/O) \$481	EZ-220PV-PLC-D (Snap-in I/O) \$521 EZP-220PV-PLC-D (Screw-down I/O) \$551
<b>EZSeries TextPLC w/ Profibus</b>	EZ-220-PLC-P (Snap-in I/O) \$401 EZP-220-PLC-P (Screw-down I/O) \$431	EZ-420-PLC-P (Snap-in I/O) \$421 EZP-420-PLC-P (Screw-down I/O) \$451	EZ-220P-PLC-P (Snap-in I/O) \$471 EZP-220P-PLC-P (Screw-down I/O) \$501	EZ-220V-PLC-P (Snap-in I/O) \$501 EZP-220V-PLC-P (Screw-down I/O) \$531	EZ-220PV-PLC-P (Snap-in I/O) \$571 EZP-220PV-PLC-P (Screw-down I/O) \$601
<b>Specifications</b>	220 EZSeries TextPLC	420 EZSeries TextPLC	220P EZSeries TextPLC	220V EZSeries TextPLC	220PV EZSeries TextPLC
<b>Display Type</b>	2 Line x 20 Char LCD (5.55mm)	4 Line x 20 Char LCD (4.75mm)	2 Line x 20 Char LCD with Numeric Keypad (5.55mm)	2 Line x 20 Char Vacuum Fluorescent Display (5.55mm)	2 Line x 20 Char Vacuum Fluorescent Display with Numeric Keypad (5.55mm)
<b>Keypad Overlay</b>	Five User Defined Pushbuttons and Four Control Pushbuttons		Numeric Keypad, five user defined pushbuttons and four control buttons	Five User Defined Pushbuttons and Four Control Pushbuttons	Numeric Keypad, five user defined pushbuttons and four control buttons
<b># HMI Messages</b>	256				
<b>LED/LCD Life</b>	100,000 Hours				
<b>I/O Capacity</b>	4 Slot Base (32I/O Max)		6 Slot Base (48I/O Max)	4 Slot Base (32I/O Max)	6 Slot Base (48I/O Max)
<b>Power Consumption</b>	14 Watts @ 24VDC	14 Watts @ 24VDC	16.5 Watts @ 24VDC	17 Watts @ 24VDC	19.5 Watts @ 24VDC
<b>Processors</b>	32 Bit, 40 MHz RISC Processor (PLC), 8 Bit Processor (HMI)				
<b>Total PLC Memory</b>	64 KB (Ladder)				
<b># of PLC Registers</b>	8192 16Bit				
<b>PLC Typical Scan Time</b>	3ms (1K Boolean)				
<b>Real Time Clock/Calendar</b>	Built-in				
<b>Built-In Battery Backup</b>	Yes, Lithium coin cell battery with 5 year life expectancy, with a low battery indicator				
<b>PLC LED Indicators</b>	Input Power, CPU Status (Run, Program & Run/Program) Low Battery, Program PLC, Program Panel and Run LED indicators				
<b>I/O Supported</b>	EZIO Snap-in modules with status LEDs and Removable Terminal Block DC / AC / Analog / Relay / Thermocouple / High Speed Counter				
<b>Electrical Noise</b>	Nema ICS 2-230 Showering arc; ANSI C37.90a SWC; Level C Chattering Relay Test				
<b>Withstand Voltage</b>	1000VDC (1 minute) between power supply input terminal and protective ground)				
<b>Insulation Resistance</b>	Over 20M Ohm between power supply input and terminal and protective ground				
<b>Enclosure</b>	Nema 4, 4x (indoor)				
<b>Operating Temperature</b>	0C to 45C				
<b>Storage Temperature</b>	-20C to 60C				
<b>Vibration</b>	5 to 55Hz 2G's for 2 hours in X,Y, and Z axis				
<b>Shock</b>	10G for under 12ms in the X,Y, and Z axis				
<b>Humidity</b>	10-95% Non-Condensing				
<b>Protocols Supported</b>	ASCII In/Out; EZ Protocol, Ethernet, DeviceNet Slave, and Profibus Slave				
<b>Built-In Serial Comm. Ports</b>	Port 1: RS232 (Programming and HMI Port Only) Port 2: RS422 (1.2K, 2.4K, 4.8K, 9.6K, 19.2K, and 38.4K Baud Rates supported)				
<b>Agency Approval</b>	UL, CUL, CE (pending)				
<b>External Dimensions</b>	7.418" x 5" x 2.587" (188.418 x 127 x 65.711mm)	7.418" x 5" x 2.587" (188.418 x 127 x 65.711mm)	10.018" x 5" x 2.587" (254.46 x 127 x 65.711mm)	7.418" x 5" x 2.587" (188.418 x 127 x 65.711mm)	10.018" x 5" x 2.587" (254.46 x 127 x 65.711mm)
<b>Weight</b>	1.3 lbs	1.5 lbs	1.7 lbs	1.5 lbs	1.9 lbs