






EZSeries TextPLC Selection Guide and Specifications

EZText PLC Model Specifications					
EZSeries TextPLC	EZ-220-PLC (Snap-in I/O) EZP-220-PLC (Screw-down I/O)	EZ-420-PLC (Snap-in I/O) EZP-420-PLC (Screw-down I/O)	EZ-220P-PLC (Snap-in I/O) EZP-220P-PLC (Screw-down I/O)	EZ-220V-PLC (Snap-in I/O) EZP-220V-PLC (Screw-down I/O)	EZ-220PV-PLC (Snap-in I/O) EZP-220PV-PLC (Screw-down I/O)
EZSeries TextPLC w/ Ethernet	EZ-220-PLC-E (Snap-in I/O) EZP-220-PLC-E (Screw-down I/O)	EZ-420-PLC-E (Snap-in I/O) EZP-420-PLC-E (Screw-down I/O)	EZ-220P-PLC-E (Snap-in I/O) EZP-220P-PLC-E (Screw-down I/O)	EZ-220V-PLC-E (Snap-in I/O) EZP-220V-PLC-E (Screw-down I/O)	EZ-220PV-PLC-E (Snap-in I/O) EZP-220PV-PLC-E (Screw-down I/O)
EZSeries TextPLC w/ DeviceNet	EZ-220-PLC-D (Snap-in I/O) \$351 EZP-220-PLC-D (Screw-down I/O)	EZ-420-PLC-D (Snap-in I/O) EZP-420-PLC-D (Screw-down I/O)	EZ-220P-PLC-D (Snap-in I/O) EZP-220P-PLC-D (Screw-down I/O)	EZ-220V-PLC-D (Snap-in I/O) EZP-220V-PLC-D (Screw-down I/O)	EZ-220PV-PLC-D (Snap-in I/O) EZP-220PV-PLC-D (Screw-down I/O)
EZSeries TextPLC w/ Profibus	EZ-220-PLC-P (Snap-in I/O) EZP-220-PLC-P (Screw-down I/O)	EZ-420-PLC-P (Snap-in I/O) EZP-420-PLC-P (Screw-down I/O)	EZ-220P-PLC-P (Snap-in I/O) EZP-220P-PLC-P (Screw-down I/O)	EZ-220V-PLC-P (Snap-in I/O) EZP-220V-PLC-P (Screw-down I/O)	EZ-220PV-PLC-P (Snap-in I/O) EZP-220PV-PLC-P (Screw-down I/O)
					
Specifications	220 EZSeries TextPLC	420 EZSeries TextPLC	220P EZSeries TextPLC	220V EZSeries TextPLC	220PV EZSeries TextPLC
Display Type	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)
Keypad Overlay	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
# HMI Messages	256				
LED/LCD Life	100,000 Hours				
I/O Capacity	4 Slot Base (32I/O Max)		6 Slot Base (48I/O Max)	4 Slot Base (32I/O Max)	6 Slot Base (48I/O Max)
Power Consumption	14 Watts @ 24VDC	14 Watts @ 24VDC	16.5 Watts @ 24VDC	17 Watts @ 24VDC	19.5 Watts @ 24VDC
Processors	32 Bit, 40 MHz RISC Processor (PLC), 8 Bit Processor (HMI)				
Total PLC Memory	64 KB (Ladder)				
# of PLC Registers	8192 16Bit				
PLC Typical Scan Time	3ms (1K Boolean)				
Real Time Clock/Calendar	Built-in				
Built-In Battery Backup	Yes, Lithium coin cell battery with 5 year life expectancy, with a low battery indicator				
PLC LED Indicators	Input Power, CPU Status (Run, Program & Run/Program) Low Battery, Program PLC, Program Panel and Run LED indicators				
I/O Supported	EZIO Snap-in modules with status LEDs and Removable Terminal Block DC / AC / Analog / Relay / Thermocouple / High Speed Counter				
Electrical Noise	Nema ICS 2-230 Showering arc; ANSI C37.90a SWC; Level C Chattering Relay Test				
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				
Enclosure	Nema 4, 4x (indoor)				
Operating Temperature	0C to 45C				
Storage Temperature	-20C to 60C				
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				
Humidity	10-95% Non-Condensing				
Protocols Supported	ASCII In/Out; EZ Protocol, Ethernet, DeviceNet Slave, and Profibus Slave				
Built-In Serial Comm. Ports	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)				
Agency Approval	UL, CUL, CE (pending)				
External Dimensions	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)
Weight	1.3 lbs	1.5 lbs	1.7 lbs	1.5 lbs	1.9 lbs