

# EZSeries™ TouchPLC™ Selection Guide and Specs

EZSeries TouchPLC Model Specifications									
<b>EZTouch PLC</b>	EZP-S6W-RS-PLC \$510 EZPP-S6W-RS-PLC \$569	EZP-S6M-FS-PLC \$862 EZPP-S6M-FS-PLC \$712	EZP-S6C-FS-PLC \$910 EZPP-S6C-FS-PLC \$960	EZP-T6C-FS-PLC \$1110 EZPP-T6C-FS-PLC \$1160	EZP-S8C-FS-PLC \$1099 EZPP-S8C-FS-PLC \$1199	EZP-T8C-FS-PLC \$1549 EZPP-T8C-FS-PLC \$1649	EZP-T10C-FS-PLC \$1849 EZPP-T10C-FS-PLC \$1949	EZP-T15C-FS-PLC \$2649 EZPP-T15C-FS-PLC \$2749	
<b>EZTouch PLC w/ Ethernet</b>	EZP-S6W-RS-PLC-E \$609 EZPP-S6W-RS-PLC-E \$659	EZP-S6M-FS-PLC-E \$761 EZPP-S6M-FS-PLC-E \$811	EZP-S6C-FS-PLC-E \$1009 EZPP-S6C-FS-PLC-E \$1059	EZP-T6C-FS-PLC-E \$1209 EZPP-T6C-FS-PLC-E \$1259	EZP-S8C-FS-PLC-E \$1198 EZPP-S8C-FS-PLC-E \$1298	EZP-T8C-FS-PLC-E \$1648 EZPP-T8C-FS-PLC-E \$1748	EZP-T10C-FS-PLC-E \$1948 EZPP-T10C-FS-PLC-E \$2048	EZP-T15C-FS-PLC-E \$2748 EZPP-T15C-FS-PLC-E \$2848	
<b>EZTouch PLC w/ DeviceNet</b>	EZP-S6W-RS-PLC-D \$589 EZPP-S6W-RS-PLC-D \$639	EZP-S6M-FS-PLC-D \$741 EZPP-S6M-FS-PLC-D \$791	EZP-S6C-FS-PLC-D \$989 EZPP-S6C-FS-PLC-D \$1039	EZP-T6C-FS-PLC-D \$1189 EZPP-T6C-FS-PLC-D \$1239	EZP-S8C-FS-PLC-D \$1178 EZPP-S8C-FS-PLC-D \$1278	EZP-T8C-FS-PLC-D \$1628 EZPP-T8C-FS-PLC-D \$1728	EZP-T10C-FS-PLC-D \$1928 EZPP-T10C-FS-PLC-D \$2028	EZP-T15C-FS-PLC-D \$2728 EZPP-T15C-FS-PLC-D \$2828	
<b>EZTouch PLC w/ Profibus</b>	EZP-S6W-RS-PLC-P \$639 EZPP-S6W-RS-PLC-P \$689	EZP-S6M-FS-PLC-P \$801 EZPP-S6M-FS-PLC-P \$851	EZP-S6C-FS-PLC-P \$1139 EZPP-S6C-FS-PLC-P \$1189	EZP-T6C-FS-PLC-P \$1239 EZPP-T6C-FS-PLC-P \$1289	EZP-S8C-FS-PLC-P \$1228 EZPP-S8C-FS-PLC-P \$1328	EZP-T8C-FS-PLC-P \$1678 EZPP-T8C-FS-PLC-P \$1778	EZP-T10C-FS-PLC-P \$1978 EZPP-T10C-FS-PLC-P \$2078	EZP-T15C-FS-PLC-P \$2778 EZPP-T15C-FS-PLC-P \$2878	
<b>Specifications</b>	6" White on Blue	6" STN Mono	6" STN Color	6" TFT Color	8" STN Color	8" TFT Color	10" TFT Color	15" TFT Color	
<b>Display Type</b>	5.7" STN (4 Shades of Blue) 320 x 240	5.7" STN (16 Shades of Gray) 320 x 240	5.7" STN (128-color palette) 320 x 240	5.7" TFT (128-color palette) 320 x 240	8.2" STN (128-color palette) 640 x 480	8" TFT (128-color palette) 640 x 480	10.4" TFT (128-color palette) 640 x 480	15" TFT (128-color palette) 640 x 480	
<b>Brightness/Life</b>	140 nits/50,000 hours		200 nits/40,000 hours	400 nits/75,000 hours	140 nits/25,000 hours	370 nits/54,000 hours	400 nits/50,000 hours	250 nits/55,000 hours	
<b>Touch Screen</b>	48 Resistive Touch Cells (8x6)	192 Resistive Touch Cells (16x12)							
<b>Num of Display Screens</b>	Up to 999 Limited by display memory								
<b>Display Screen Saver</b>	Yes, Backlight Off								
<b>HMI User Memory</b>	256K HMI RAM Mem.	512K HMI RAM Memory					1MB HMI RAM Memory		
<b>Maximum I/O Capacity</b>	4 Slot Base (32I/O Max)				8 Slot Base (64I/O Max)				
<b>Maximum Power Consumption</b>	20 Watts @ 24VDC	22 Watts @ 24VDC	23 Watts @ 24VDC	25 Watts @ 24VDC	27 Watts @ 24VDC	29 Watts @ 24VDC	29 Watts @ 24VDC	33 Watts @ 24VDC	
<b>Processors</b>	Two 32 Bit, 40 MHz RISC Processors (One for PLC and One for HMI)								
<b>Total PLC Memory</b>	64 KB (Ladder)								
<b># of PLC Registers</b>	8192 16Bit, 8192 Variables								
<b>PLC Typical Scan Time</b>	3ms (1K Boolean)								
<b>Real Time Clock/Cal.</b>	Built-in								
<b>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 and Run Mode 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>	0 to 45°C (32 to 113°F)	0 to 50°C (32 to 122°F)	0 to 55°C (32 to 131°F)	0 to 50°C (32 to 122°F)	0 to 55°C (32 to 138°F)				
<b>Storage Temperature</b>	-20 to 60°C (-4 to 140°F)		-25 to 65°C (-13 to 149°F)	-25 to 60°C (-13 to 140°F)	-25 to 65°C (-13 to 149°F)				
<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 for communicating to PLC								
<b>Built-In Serial Communication 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>	8.048" x 6.145" x 3.896" (204.41 x 156.08 x 98.95mm)				10.894" x 8.748" x 3.852" (276.71 x 222.20 x 97.85mm)		13.584" x 10.594" x 3.856" (345x269.1x97.95mm)		16.75" x 13" x 5.678" (425.45x330.2x144.02mm)
<b>Weight</b>	2 lbs				3.5 lbs		4.5 lbs		7.5 lbs

EZSeries TouchPLC