

# EZSeries™ TouchPLC™ Selection Guide and Specs

EZSeries TouchPLC Model Specifications								
<b>EZTouch PLC</b>	EZP-S6W-RS-PLC \$510	EZP-S6M-FS-PLC \$662	EZP-S6C-FS-PLC \$910	EZP-T6C-FS-PLC \$1,110	EZP-S8C-FS-PLC \$1,099	EZP-T8C-FS-PLC \$1,549	EZP-T10C-FS-PLC \$1,849	EZP-T15C-FS-PLC \$2,649
<b>EZTouch PLC w/ Ethernet</b>	EZP-S6W-RS-PLC-E \$610	EZP-S6M-FS-PLC-E \$762	EZP-S6C-FS-PLC-E \$1,010	EZP-T6C-FS-PLC-E \$1,210	EZP-S8C-FS-PLC-E \$1,199	EZP-T8C-FS-PLC-E \$1,649	EZP-T10C-FS-PLC-E \$1,949	EZP-T15C-FS-PLC-E \$2,749
<b>EZTouch PLC w/ DeviceNet</b>	EZP-S6W-RS-PLC-D \$610	EZP-S6M-FS-PLC-D \$762	EZP-S6C-FS-PLC-D \$1,010	EZP-T6C-FS-PLC-D \$1,210	EZP-S8C-FS-PLC-D \$1,199	EZP-T8C-FS-PLC-D \$1,649	EZP-T10C-FS-PLC-D \$1,949	EZP-T15C-FS-PLC-D \$2,749
<b>EZTouch PLC w/ Profibus</b>	EZP-S6W-RS-PLC-P \$610	EZP-S6M-FS-PLC-P \$762	EZP-S6C-FS-PLC-P \$1,010	EZP-T6C-FS-PLC-P \$1,210	EZP-S8C-FS-PLC-P \$1,199	EZP-T8C-FS-PLC-P \$1,649	EZP-T10C-FS-PLC-P \$1,949	EZP-T15C-FS-PLC-P \$2,749
<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/25,000 hours		180 nits/25,000 hours	200 nits/50,000 hours	140 nits/25,000 hours	200 nits/40,000 hours		250 nits/40,000 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 1 FDA Compliant				Nema 4,4x (indoor);			
<b>Operating Temperature</b>	0C to 45C		0C to 50C	0C to 55C	0C to 50C	0C to 55C		
<b>Storage Temperature</b>	-20C to 60C			-25C to 65C	-25 to 60C	-25C to 65C		
<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"x10.594"x3.856" (345x269.1x97.95mm)	16.75"x13"x5.678" (425.45x330.2x144.02mm)
<b>Weight</b>	2 lbs				3.5 lbs		4.5 lbs	7.5 lbs