



EZTouchPLC Original Modular Specifications

EZTouchPLC Original Modular with DH+/RIO, Profibus, CCLink, DeviceNet, MB+ options			
	6" TouchPLC	8" TouchPLC	10" TouchPLC
EZTouch PLC with Hardware Network Cards for HMI	EZPP-T6C-FS-PLC EZPP-T6C-FSP-PLC EZPP-T6C-FSH-PLC EZPP-T6C-FSC-PLC EZPP-T6C-FSM-PLC	EZPP-T8C-FS-PLC EZPP-T8C-FSP-PLC EZPP-T8C-FSH-PLC EZPP-T8C-FSC-PLC EZPP-T8C-FSM-PLC	EZPP-T10C-FS-PLC EZPP-T10C-FSP-PLC EZPP-T10C-FSH-PLC EZPP-T10C-FSC-PLC EZPP-T10C-FSM-PLC
EZTouch PLC with Hardware Network Cards for HMI with Ethernet for PLC	EZPP-T6C-FS-PLC-E EZPP-T6C-FSP-PLC-E EZPP-T6C-FSH-PLC-E EZPP-T6C-FSC-PLC-E EZPP-T6C-FSM-PLC-E	EZPP-T8C-FS-PLC-E EZPP-T8C-FSP-PLC-E EZPP-T8C-FSH-PLC-E EZPP-T8C-FSC-PLC-E EZPP-T8C-FSM-PLC-E	EZPP-T10C-FS-PLC-E EZPP-T10C-FSP-PLC-E EZPP-T10C-FSH-PLC-E EZPP-T10C-FSC-PLC-E EZPP-T10C-FSM-PLC-E
EZTouch PLC with Hardware Network Cards for HMI with DeviceNet Salve for PLC	EZPP-T6C-FS-PLC-D EZPP-T6C-FSP-PLC-D EZPP-T6C-FSH-PLC-D EZPP-T6C-FSC-PLC-D EZPP-T6C-FSM-PLC-D	EZPP-T8C-FS-PLC-D EZPP-T8C-FSP-PLC-D EZPP-T8C-FSH-PLC-D EZPP-T8C-FSC-PLC-D EZPP-T8C-FSM-PLC-D	EZPP-T10C-FS-PLC-D EZPP-T10C-FSP-PLC-D EZPP-T10C-FSH-PLC-D EZPP-T10C-FSC-PLC-D EZPP-T10C-FSM-PLC-D
EZTouch PLC with Hardware Network Cards for HMI with Profibus Salve for PLC	EZPP-T6C-FS-PLC-P EZPP-T6C-FSP-PLC-P EZPP-T6C-FSH-PLC-P EZPP-T6C-FSC-PLC-P EZPP-T6C-FSM-PLC-P	EZPP-T8C-FS-PLC-P EZPP-T8C-FSP-PLC-P EZPP-T8C-FSH-PLC-P EZPP-T8C-FSC-PLC-P EZPP-T8C-FSM-PLC-P	EZPP-T10C-FS-PLC-P EZPP-T10C-FSP-PLC-P EZPP-T10C-FSH-PLC-P EZPP-T10C-FSC-PLC-P EZPP-T10C-FSM-PLC-P
Specifications	6" TFT Color	8" TFT Color	10" TFT Color
Display Type	5.7" TFT (128-color palette) 320 x 240	8.2" TFT (128-color palette) 640 x 480	10.4" TFT (128-color palette) 640 x 480
Brightness/Life	400 nits/75,000 hours		
Touch Screen	192 Resistive Touch Cells (16x12)		
Num of Display Screens	Up to 999 Limited by display memory		
Display Screen Saver	Yes, Backlight Off		
HMI User Memory	256K HMI RAM Memory, Expandable up to 1 MB RAM		
Maximum I/O Capacity	4 Slot Base (32/I/O Max)	8 Slot Base (64/I/O Max)	
Maximum Power Consumption	25 Watts @ 24VDC	27 Watts @ 24VDC	29 Watts @ 24VDC
Processors	Two 32 Bit, 40 MHz RISC Processors (One for PLC and One for HMI)		
Total PLC Memory	64 KB (Ladder)		
# of PLC Registers	8192 16Bit, 8192 Variables		
PLC Typical Scan Time	3ms (1K Boolean)		
Real Time Clock/Cal.	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 and Run Mode 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	0 to 45°C (32 to 113°F)	0 to 55°C (32 to 131°F)	0 to 55°C (32 to 138°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)	-25 to 65°C (-13 to 149°F)	-25 to 60°C (-13 to 140°F)
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, Profibus, DH+, MB+, CCLink		
Built-In Serial Communication 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	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" (345.269.1 x 97.95mm)
Weight	2 lbs	3.5 lbs	4.5 lbs

in America