








EZ Series™

Textpanels Selection Guide

EZText Panel Specifications

Part Number	EZ-220	EZ-220L	EZ-420	EZ-220P	EZ-SP	EZ-220V	EZ-220PV
							
Price	\$169	\$219	\$189	\$229	\$229	\$269	\$329
Description	2x20 LCD display, five user defined pushbuttons, five LEDs	2x20 LCD display, large characters, five user defined pushbuttons, five LEDs	4x20 LCD display, five user defined pushbuttons, five LEDs	2x20 LCD display, numeric keypad, five user defined pushbuttons, three tri-color LED annunciators	1x16 LCD display, 8 digit LED display, five control push-buttons	2x20 VFD display, five user defined pushbuttons, five LEDs	2x20 VFD display, numeric keypad, five user defined pushbuttons, three tri-color LED annunciators
Display Type	Character LCD, 2 lines by 20 characters w/LED backlight		Character LCD, 4 lines by 20 characters w/LED backlight	Character LCD, 2 lines by 20 characters w/LED backlight	Character LCD, 1 line by 16 characters w/8 digit .52" LED numeric display	Character VFD (Vacuum Fluorescent Display), 2 lines by 20 characters w/LED backlight	
Character Height	5.55mm (0.22")	8.06mm (0.316")	4.75mm (0.187")	5.55mm (0.22")	8.06mm (0.316")	5.55mm (0.22")	
Viewing Angle	±15 degrees horizontal					±60 degrees horizontal	
Keypad Overlay	Five user-defined pushbuttons and four control pushbuttons			Numeric keypad, five user defined pushbuttons and four control pushbuttons	Four control push-buttons	Five user-defined pushbuttons and four control pushbuttons	Numeric keypad, five user defined pushbuttons and four control push-buttons
CPU Type	8-bit						
Service Power	24VDC (20-30VDC operating range)						
Power Consumption	4 Watts @ 24VDC	4.5 Watts @ 24VDC	4 Watts @ 24VDC	5.5 Watts @ 24VDC	6.5 Watts @ 24VDC	6 Watts @ 24VDC	8.5 Watts @ 24VDC
Enclosure	NEMA 4, 4x (indoor)						
Agency Approval	UL, cUL, CE						
Operating Temperature	0° to 45°C (32° to 113°F)						
Storage Temperature	-20° to 60°C (-4° to 140°F)						
Humidity	10-95% RH, (non-condensing)						
Electrical Noise	NEMA ICS 2-230 showering arc ANSI C37.90a-1974 SWC Level C Chattering Relay Test						
Withstand Voltage	1000VDC (1 minute), between power supply input terminal and protective ground (FG)						
Vibration	5 - 55Hz 2G for 2 hours in the X, Y, and Z axis						
Shock	10G for under 12 ms in the X, Y, and Z axis						
Burn-in	Temperature cycled 96 hours and then fully functional tested						
LED/LCD Life	100,000 hours						
Serial Communications	Download/Program/PCS Port TS-232/RS422/RS485 15-pin D-sub (female)						
Dimensions (in/mm)	7.418x5.00 (188.419x126.998)	10.018x5.00 (254.458x126.998)	7.418x5.00 (188.419x126.998)	10.018x5.00 (254.458x126.998)	10.018x5.00 (254.458x126.998)	7.418x5.00	10.018x5.00
Weight (lbs.)	.65	.85	.65	.85	.85	.65	.85

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