

# EASIEST TO PROGRAM, CONNECT & OPERATE **EZ Series™** PLC TEXTPANELS



## TESTED AND PROVEN BY 20,000+ ENGINEERS

- Easy to Learn, Intuitive Software
- Easy to Operate Menu Driven Messages
- Easy to Connect to Most PLCs
- Easy to Maintain Hardware
- Easy on the Budget
- 7 Models to Choose From
- NEMA 4x Indoor

**EZ Series Textpanels  
are Easy to Operate**



- 2 x 20 or 4 x 20 Ch. Message Display
- 5 User Defined Pushbuttons and LEDs
- Scroll Data Entry Buttons
- Numeric Keypad on "P" Models
- Setpoint Model w/ LED Display

### Hi-Brite VFD Models

EZ Series Textpanels and EZ Series Text-PLCs have been enhanced to incorporate a vacuum fluorescent display that has greater visibility as well as a wider viewing angle. The EZ-220V and EZ-220PV textpanels cost almost 1/4th the price of Allen Bradley Data Liners and offer an excellent value.



**EZ Series Textpanels  
have Drivers for Most PLCs**

### Serial Drivers

- Allen-Bradley DF1 Half and Full Duplex (PLC-5, SLC 500, MicroLogix 1000, 1200 and 1500) DH485/AIC/AIC+ for MicroLogix 1000, 1200, 1500, SLC500, 5/01, /02, /03
- Aromat Mewtocol COM
- Control Techniques - Unidrive 2-wire, 4-wire (binary)
- CTC Binary
- GE Fanuc SNPX (90/30, 90/70)
- Idec Computer Link
- Omron Host Link (C200 and C500)
- All Mitsubishi FX Series
- Modicon MODBUS® RTU
- Siemens S7 MPI Adaptor series
- Texas Instruments - TI5x5 Series

### Easy as 1-2-3

### Programming Software

#### Step 1

Configure pushbuttons and LED Light indicators

#### Step 2

Configure Hi-brite Annunciator Lamps

#### Step 3

Program User-Programmable Messages

**EZ Series Textpanels  
Exclusive Features**

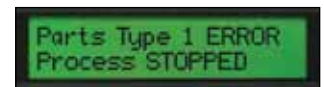
### Multi-Color Annunciator LED Lamps

The annunciator lamps on the EZ-220P and EZ-220PV models are configured similar to pushbuttons. Once you have selected the starting address in the PLC, all of the lamp colors will be identified by the bit pairs. The color that the lamp illuminates depends on the bit assignment of the address selected.



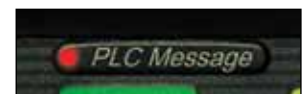
### 256 User Programmable Messages

There are two message types which can be displayed: local and PLC. Local messages are displayed on the screen unless the PLC triggers a PLC message, which overrides a local message.



### PLC Message LED Indicator

When a PLC message is triggered, the PLC Message LED will also be illuminated. The PLC message LED will remain on until the user acknowledges the situation by pressing [esc] on the panel.



## EZ Multiplexer

### SPECIFICATIONS

**Enclosure:** NEMA 4/4X Indoor  
**CPU Type:** 8 bit  
**OS:** Dedicated (non-Windows)  
**Service Power:** 24 Vdc (20-30 Vdc)  
 4 - 8.5 Watts depending on model  
**Agency Approval:** UL, CUL, CE  
**Operating Temp:** 0 to 45°C  
 (32 to 113°F)  
**Storage Temp:** -20 to 60°C  
 (-4 to 140°F)  
**Humidity:** 10 to 95% RH,  
 non-condensing  
**Withstand Voltage:** 1000 Vdc 1 minute  
**Vibration:** 5-55Hz, 2G for 2 hours  
**Shock:** 10 G under 12 ms  
**Electrical Noise:** NEMA ICS 2-230  
 Showering Arc  
**No. of Messages:** Up to 256  
**LED/LCD Life:** 100,000 hours  
**Mounting:** DIN

### DIMENSIONS:

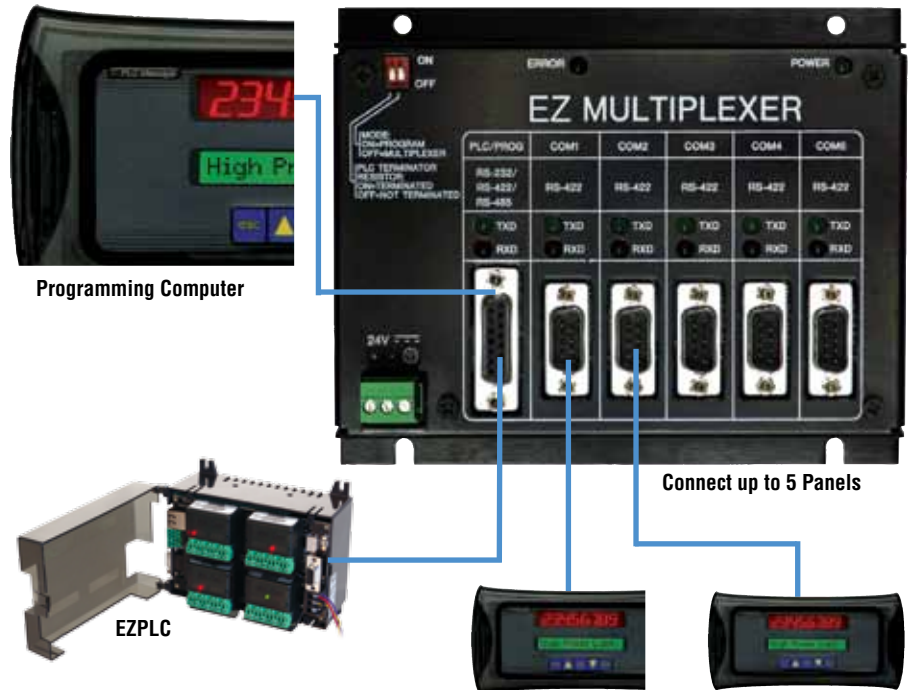
**EZ220(V)/420:**  
 7.418 x 5 x 1.154"  
**EZ220L/220P(V)/SP:**  
 10.018 x 5 x 1.154"

### VIEWING ANGLE:

**EZ220(L,P)/420/SP:**  
 ±15 degrees horizontal  
**EZ220V/EZ220PV:**  
 ± 60 degrees horizontal

### CHARACTER HEIGHT:

**EZ220/EZ220P/EZ220V/EZ220PV:**  
 5.55 mm  
**EZ220L/EZSP:**  
 8.06 mm  
**EZ420:**  
 4.75 mm



### Communication Master Unit

EZ Multiplexer is a docking station, where you may connect up to 5 of any combination of EZ Series Textpanels. When you select the multi-panel system in the programming software, you can configure panels for one port each.

A write utility is included so you can download changes to one or more panels on the complete system without EZ Series Software.

To Order	
MODEL NO.	DESCRIPTION
<b>EZ-220</b>	2 line 20 channel LCD Textpanel
<b>EZ-220L</b>	2 line 20 large channel LCD Textpanel
<b>EZ-420</b>	4 line 20 channel LCD Textpanel
<b>EZ-220P</b>	2 line 20 channel LCD Textpanel w/numeric keypad
<b>EZ-SP</b>	Setpoint interface with 8 digit numeric display
<b>EZ-220V</b>	2 Line 20 channel VFD Textpanel
<b>EZ-220PV</b>	2 Line 20 channel VFD Textpanel w/numeric keypad
SOFTWARE AND ACCESSORIES	
<b>EZ-SERIESEDIT-E</b>	Programming software for EZ Series Text Enhanced
<b>EZ-SERIES-PGM CBL</b>	RS232 programming cable for EZ Series Text Enhanced
<b>EZ-SERIES-S-GSK</b>	Replacement gasket for EZ-220, EZ-220V, EZ-420
<b>EZ-SERIES-L-GSK</b>	Replacement gasket for EZ-220L, EZ-220PV, EZ-220P
<b>EZ-BRK-2</b>	DIN rail clips for EZ Series Text Enhanced, 4 in package
<b>EZ-SERIES-STUDS</b>	Spare mounting studs (4 studs with nuts included)
<b>EZ-SERIES-CORE</b>	Ferrite core (pack of 2)
<b>EZ-SERIES-PWRTERM</b>	Replacement power terminal strip
<b>EZ-MULTIDROP</b>	Multiplexer for connecting 5 Textpanels to 1 PLC

**Ordering Examples:** EZ-220, 2 line x 20 character LCD text panel, EZ-SERIESEDIT-E, programming software, EZ-SERIES-PGM CBL, RS-232 programming cable.  
 EZ-220P, 2 x 20 character LCD text panel with numeric keypad, EZ-SERIESEDIT-E, programming software, EZ-SERIES-PGM CBL, programming cable.