

EZ-220PV-PLC/220P-PLC Front End

**48 Digital I/O
with Operator
Interface**



EZ-220PV-PLC

**Five user-defined
pushbuttons**

numeric keypad



EZ-220P-PLC

Overview:

The EZ-220P-PLC and EZ-220PV-PLC come with a two line LCD or Vacuum Fluorescent display, a numeric keypad, control pushbuttons, pushbuttons with LEDs, and three LED annunciators. The displays contain two lines by 20, 5.5mm characters (2x20). The new EZ-220V comes with a bright two line Vacuum Fluorescent display with 5.5mm characters with a wider viewing angle of ± 60 degrees. Push buttons are used to control task or initiate an event in the PLC and in this way you can also monitor the bit condition in the ladder logic program. You can also define and program the five pushbuttons using the EZTextPLC software. There also three annunciator lamps that can be used for various status of the machine or alarms.

Front Panel Descriptions: LCD and VFD Display

There are two kinds of messages that can be viewed on these models: local Text panel and local PLC. When the machine is running in the normal mode, the local Text panel messages are displayed. The messages are viewed in tree structure format. A message beginning with “+”

indicates a folder and when you select it by pressing enter, all the associated messages can be viewed and the “-” appears at the beginning of message.

The local PLC message is displayed whenever PLC triggers a message, The PLC message light will illuminate and the previous message on the display will be overwritten by the PLC message. The display will return back to the previous message after the PLC message is acknowledged.

There are three types of messages (Static, Dynamic or interactive) that may be configured in the EZTextPLC Editor and you can store up to 256 messages.

Annunciator

Annunciators are high intensity LEDs that will illuminate to show the state set in the PLC. The LED colors (red, green and amber) are based on the bits in the associated PLC address string. You can also add Labels to LEDs using the provided templates

User-Defined Pushbuttons

We provide you with the blank labeled, user defined five pushbuttons. This

provide you with the flexibility in customization so that you can custom label the pushbuttons and configure them as alternate, momentary, or alternate with PLC release.

Pushbuttons with LEDs

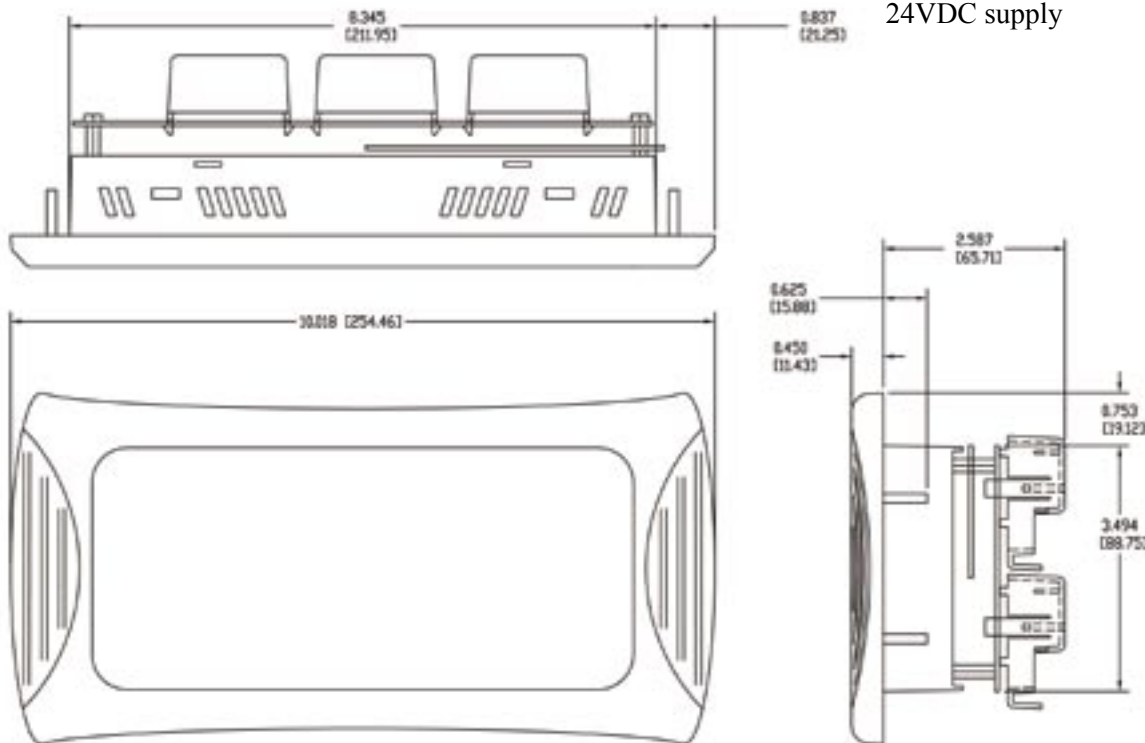
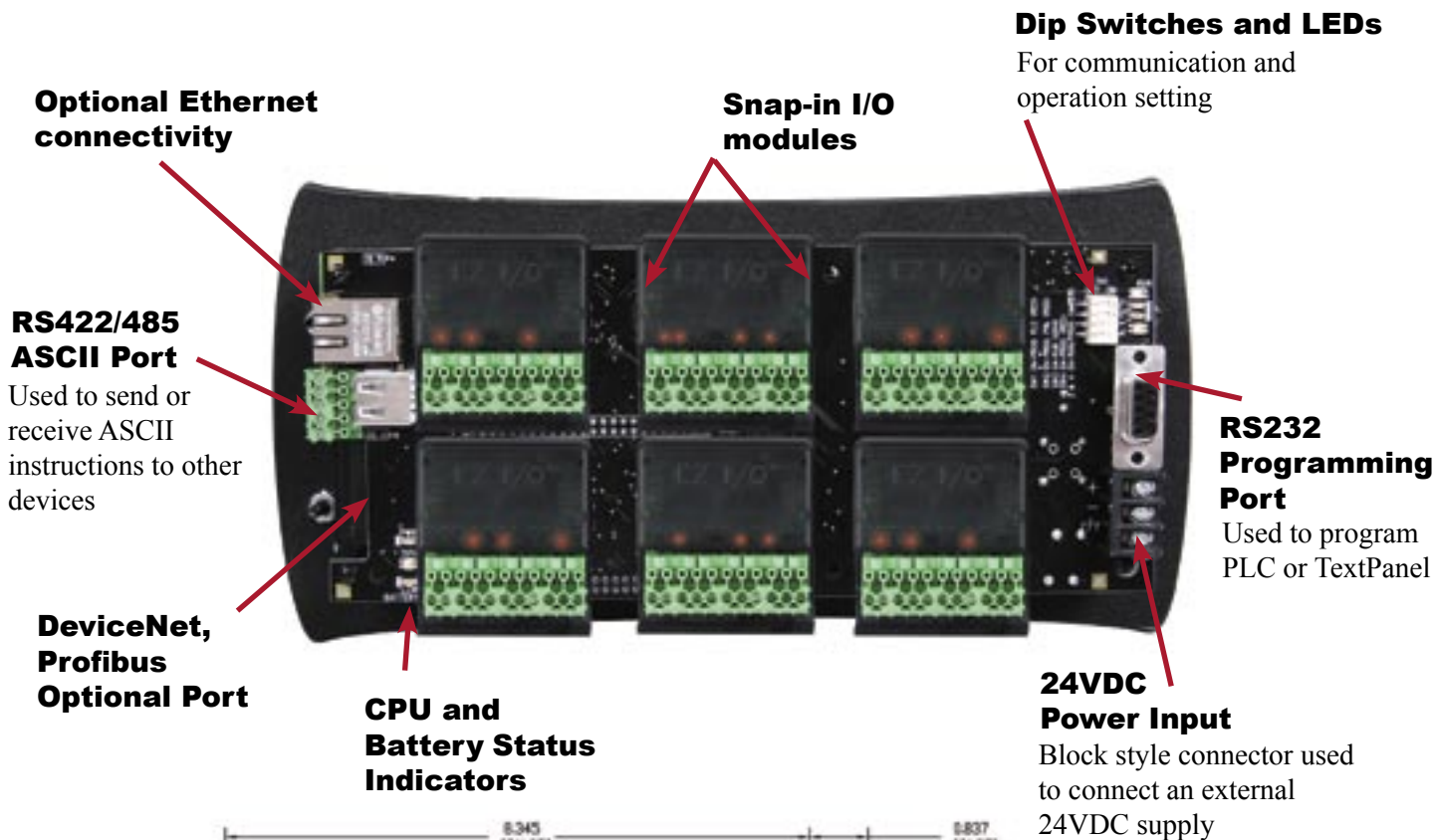
Above each pushbutton there is an associated LED. These buttons can be programmed to show various status or they can be programmed to be controlled by discrete bits in the PLC program. When push buttons are pressed, the three different control types (alternate, momentary, or alternate with PLC release) will determine the LED response. You can also make the LED to flash.

Numeric Keypad

EZTextPLC’s numeric keypad has 16 pushbuttons for scrolling data entry, or interactive messages. The numeric keypad can be used to update a value in the PLC. The value will be updated in the PLC only after the enter button has been pressed. The esc button will abort or cancel the changes without changing the PLC value.

| Part Number | Description |
|---------------|----------------------------------|
| EZ-220P-PLC | DC Power – 48 I/O Base |
| EZ-220P-PLC-E | DC Power – 48 I/O Ethernet Base |
| EZ-220P-PLC-D | DC Power – 48 I/O DeviceNet Base |
| EZ-220P-PLC-P | DC Power – 48 I/O Profibus Base |

EZ-220PV-PLC/220P-PLC Back End



| Part Number | Description |
|----------------|---|
| EZ-220PV-PLC | DC Power – 48 I/O Base |
| EZ-220PV-PLC-E | DC Power – 48 I/O Enhanced Ethernet Base |
| EZ-220PV-PLC-D | DC Power – 48 I/O Enhanced Ethernet and DeviceNet |
| EZ-220PV-PLC-P | DC Power – 48 I/O Enhanced Ethernet and Profibus |