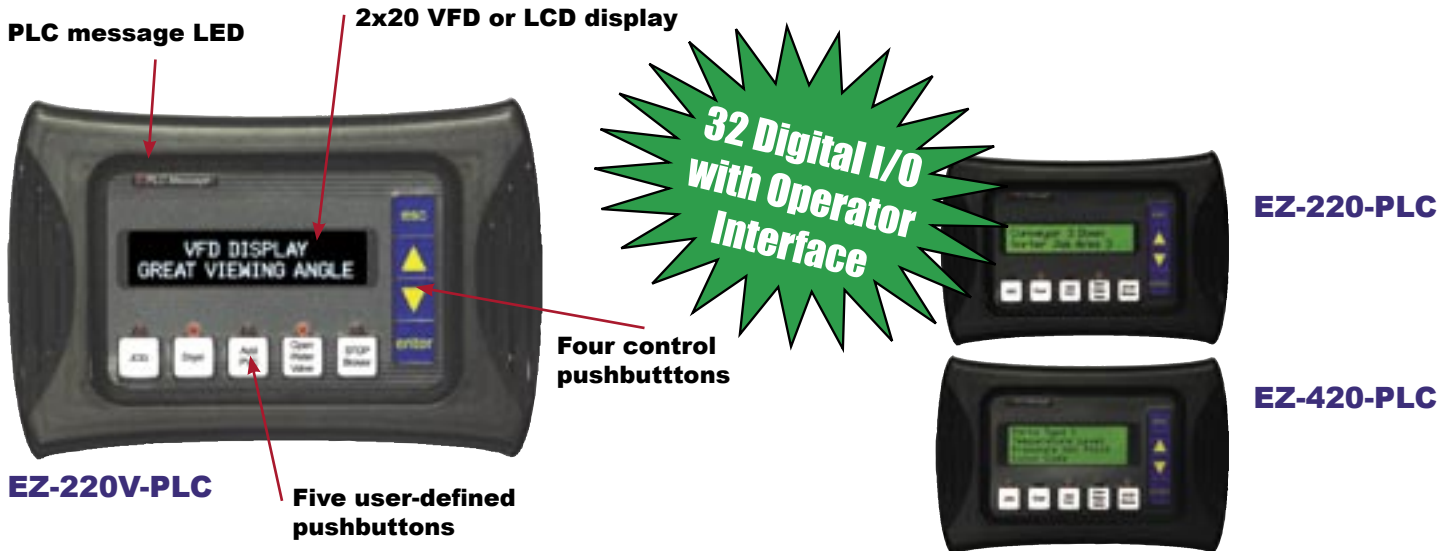


EZ-220V-PLC/220-PLC/420-PLC Front End



Overview:

The EZ-220-PLC (5.5mm character) comes with a two line 2x20 LCD display, pushbuttons with LEDs, and control pushbuttons. The EZ-420-PLC (4.75mm character) comes with a four line LCD display, and the new EZ-220V-PLC comes with a bright two line Vacuum Fluorescent display with 5.5mm characters with a wider viewing angle of ± 60 degrees. Pushbuttons are used to control tasks or initiate an event in the PLC and in this way you can also monitor the bit condition in the ladder logic program. There are five function pushbuttons with LEDs and four control pushbuttons.

Front Panel Descriptions: LCD or VFD display

There are two kinds of messages that can be viewed on the screen of 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 local 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.

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.

Control Pushbuttons

To scroll through the messages you have the convenience of four control pushbuttons. Not only can you view the message, but if the message has any embedded data that can be changed, the buttons can be used to adjust the values of this as well. 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.

User-Defined Pushbuttons

We provide you with five blank labeled, user defined pushbuttons. This provides you with the flexibility to 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 states 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 program the LED to flash.

PLC Message LED

The panel has a PLC message LED. The LED will illuminate to indicate that the PLC has triggered a message that will be displayed in the LCD window. The LED will turn OFF when the ESC pushbutton is pressed.

Part Number	Description
EZ-220V-PLC	DC Power – 32 I/O Base
EZ-220V-PLC-E	DC Power – 32 I/O Enhanced Ethernet Base
EZ-220V-PLC-D	DC Power – 32 I/O Enhanced Ethernet and DeviceNet
EZ-220V-PLC-P	DC Power – 32 I/O Enhanced Ethernet and Profibus

EZ-220V-PLC/220-PLC/420-PLC Back End

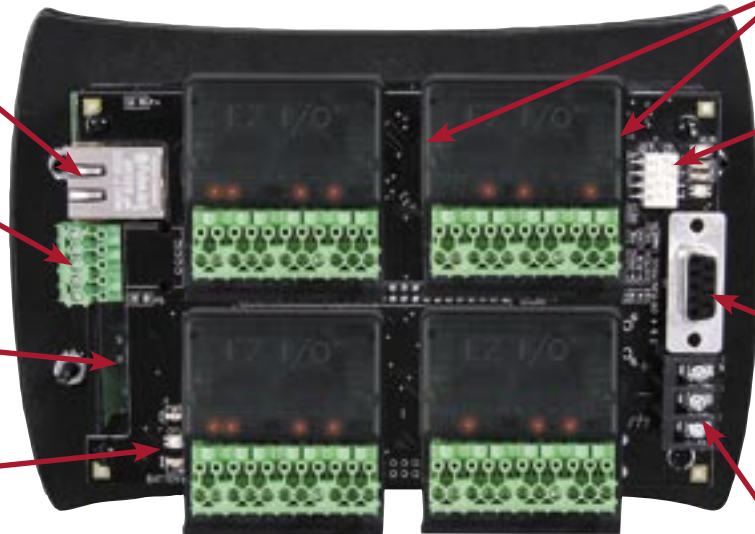
Optional Ethernet connectivity

RS422/485 ASCII Port

Used to send ASCII instructions to other devices

DeviceNet, Profibus Optional Port

CPU and Battery Status Indicators



Snap-in I/O modules

Dip Switches and LEDs

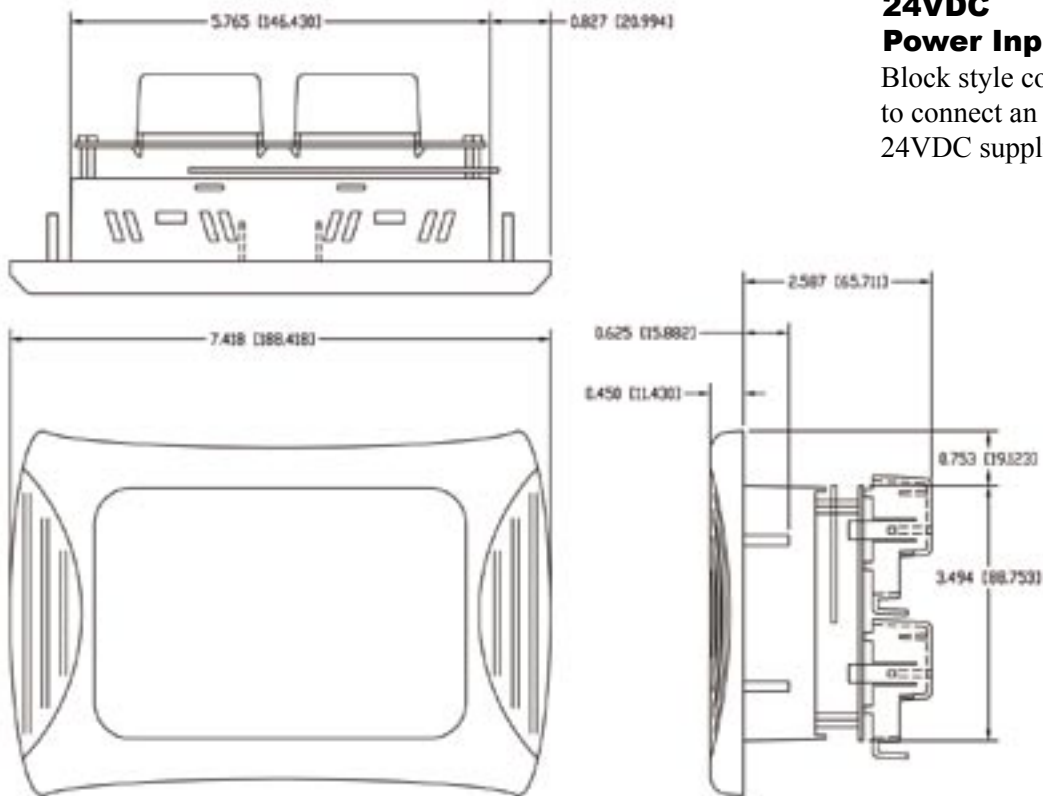
For communication and operation setting

RS232 Programming Port

Used to program PLC or TextPanel

24VDC Power Input

Block style connector used to connect an external 24VDC supply



Part Number	Description
EZ-220-PLC	DC Power – 32 I/O Base
EZ-220-PLC-E	DC Power – 32 I/O Enhanced Ethernet Base
EZ-220-PLC-D	DC Power – 32 I/O Enhanced Ethernet and DeviceNet
EZ-220-PLC-P	DC Power – 32 I/O Enhanced Ethernet and Profibus
EZ-420-PLC	DC Power – 32 I/O Base
EZ-420-PLC-E	DC Power – 32 I/O Enhanced Ethernet Base
EZ-420-PLC-D	DC Power – 32 I/O Enhanced Ethernet and DeviceNet
EZ-420-PLC-P	DC Power – 32 I/O Enhanced Ethernet and Profibus