


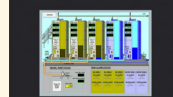



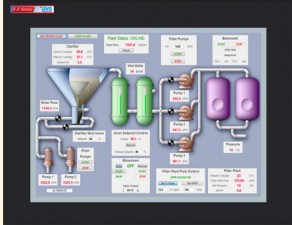
# EZ3 Enhanced Series Selection Guide & Specifications

## EZ3 Enhanced Series 6", 7", 8" and 10" Model Specifications

| Part Number                                        | EZ3-T6C-EE - \$599                                                                                    | EZ3-T7C-EE - \$549                                                                | EZ3-T8C-EE - \$1049                                                               | EZ3-T10C-EE - \$1349                                                                | EZ3-T12C-EE - \$1499                                                                |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                    |                      |  |  |  |  |
| <b>Specification</b>                               | 6" TFT Color<br>Slim Bezel                                                                            | 7" Wide TFT Color<br>Slim Bezel                                                   | 8" TFT Color<br>Slim Bezel                                                        | 10" TFT Color<br>Slim Bezel                                                         | 12" TFT Color<br>Slim Bezel                                                         |
| <b>Enclosure</b>                                   | NEMA 4, 4X (indoor)                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Display Type</b>                                | 5.7" TFT (65K Colors)                                                                                 | 7" TFT (65K Colors)                                                               | 8" TFT (65K Colors)                                                               | 10.4" TFT (65K Colors)                                                              | 12" TFT (65K Colors)                                                                |
| <b>Display View Area</b>                           | 4.65"x3.5"<br>(118.1 x 88.9mm)                                                                        | 6.49"x3.9"<br>(164.9 x 100mm)                                                     | 6.05"x4.55"<br>(153.7 x 115.8mm)                                                  | 8.31"x6.22"<br>(211.07 x 158mm)                                                     | 9.68" x 7.26"<br>(246 x 184.5 mm)                                                   |
| <b>Screen Pixels</b>                               | 320x240                                                                                               | 800 x 480                                                                         | 640 x 480                                                                         | 800 x 600                                                                           | 800 x 600                                                                           |
| <b>Brightness/Life</b>                             | 400 nits/75,000 hours (Even at extreme Operating Temp.)                                               |                                                                                   |                                                                                   |                                                                                     | 300 nits/50K hrs@50°C                                                               |
| <b>Backlight</b>                                   | White LED Strips                                                                                      |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Touch Screen</b>                                | Analog Resistive Touch Screen                                                                         |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Service Power</b>                               | 24 VDC (20-30 VDC Operating Range), 1.5A switching supply recommended                                 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Operating Temperature</b>                       | 0-55°C (32 - 131°F)                                                                                   |                                                                                   |                                                                                   |                                                                                     | 0-50°C (32 - 122°F)                                                                 |
| <b>Backlight Power</b>                             | OFF                                                                                                   | 8 Watts @ 24 VDC                                                                  |                                                                                   |                                                                                     |                                                                                     |
|                                                    | ON                                                                                                    | 15 Watts @ 24 VDC                                                                 | 15 Watts @ 24 VDC                                                                 | 15 Watts @ 24 VDC                                                                   | 18 Watts @ 24 VDC                                                                   |
| <b>Storage Temp.</b>                               | -25 to 65°C (-13 to 149°F)                                                                            |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Humidity</b>                                    | 10-95% RH, non-condensing                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Electrical Noise</b>                            | NEMA ICS 2-230 showering arc ANSI C37.90a-1974 SWC Level C Chattering Relay Test                      |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Withstand Voltage</b>                           | 1000 VDC (1 Minute), between power supply input terminal and protective ground (FG)                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Insulation Res.</b>                             | Over 20 MΩ , between power supply input terminal and protective ground (FG)                           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Vibration</b>                                   | 5 to 55Hz 2G for 2 hours in the X, Y and Z axes                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Shock</b>                                       | 10G for under 12ms in the X, Y and Z axes                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b># of Screens</b>                                | Up to 999 limited by memory                                                                           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Real Time Clock</b>                             | Built into Panel (PLC clock is still accessible if available)                                         |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Screen Saver</b>                                | Yes, Backlight off                                                                                    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Serial/Ethernet Communications</b>              | PLC port: RS-232/RS-422/RS-485 15-Pin D-Sub (female)                                                  |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>Serial/Ethernet Communications Option Cards</b> | Download/program port: RS-232/RS-422/RS-485 9-pin D-sub (female)                                      |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|                                                    | Ethernet Built-in (10/100 Base-T)                                                                     |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>USB &amp; MicroSD ports</b>                     | DataHighway plus (-EEH models)                                                                        |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|                                                    | 1 USB port for programming, 1 USB port for Datalogging and 1 microSD slot for additional data storage |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| <b>External Dimensions</b>                         | 6.145"x8.048"x2.433"<br>(156.078x204.407<br>x51.786mm)                                                | 6.145"x8.048"x2.433"<br>(156.078x204.407<br>x51.786mm)                            | 8.748"x10.894"x2.289"<br>(222.199x276.708<br>x58.136mm)                           | 10.59"x13.58"x2.86"<br>(268.99x344.93<br>x72.64mm)                                  | 13.19"x10.63"x3.25"<br>(335x270x82.5mm)                                             |
| <b>Weight</b>                                      | 1.7 lbs                                                                                               | 1.7 lbs                                                                           | 2.9 lbs                                                                           | 3.8 lbs                                                                             | 3.8 lbs                                                                             |
| <b>Agency Approval</b>                             | UI, cUL, CE                                                                                           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |

# EZ3 Enhanced Series 15" Specifications

## EZ3 Enhanced Series 15" Model Specifications

|                            |                                                                                    |                                                        |                                                                                    |
|----------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Part Number</b>         |  |                                                        |                                                                                    |
|                            | EZ3-T15C-ES (Full Featured w/Ethernet)                                             |                                                        | <b>\$1999</b>                                                                      |
|                            |                                                                                    | EZ3-T15C-EH (Serial, Ethernet and Allen-Bradley's DH+) |                                                                                    |
|                            |                                                                                    | <b>\$3699</b>                                          |                                                                                    |
| <b>Specification</b>       | 15" color slim bezel                                                               | <b>Humidity</b>                                        | 10-95% RH, noncondensing                                                           |
| <b>Enclosure</b>           | NEMA 4, 4X (indoor)                                                                | <b>Electrical Noise</b>                                | NEMA ICS 2-230 showering arc ANSI C37.90a-1974 SWC Level C Chattering Relay Test   |
| <b>Display Type</b>        | 15.0" TFT w/Built-in Anti-glare                                                    | <b>Withstand Voltage</b>                               | 1000VDC (1 minute), between power supply input terminal and protective ground (FG) |
| <b>Display View Area</b>   | 12.02"x9.01" (305.28 x 228.96mm)                                                   | <b>Insulation Res.</b>                                 | Over 20 MΩ, between power supply input and terminal and protective ground (FG)     |
| <b>Screen Pixels</b>       | 1024x768                                                                           | <b>Vibration</b>                                       | 5 to 55Hz 2G for 2 hours in the X, Y and Z axes                                    |
| <b>Colors</b>              | 16.2M                                                                              | <b>Shock</b>                                           | 10G for under 12ms in the X, Y and Z axes                                          |
| <b>Brightness/Life</b>     | 400 nits/75,000 hours                                                              | <b>User Memory</b>                                     | 16GB SSD, 1GB DDR2 RAM                                                             |
| <b>Touch Screen</b>        | Analog Resistive Touch                                                             | <b># of Screens</b>                                    | Up to 999 limited by memory                                                        |
| <b>CPU Type</b>            | Intel Atom E640 1 GHz processor                                                    | <b>Real Time Clock</b>                                 | Built into panel (PLC clock is still accessible if available)                      |
| <b>Service Power</b>       | 24VDC (20-30VDC operating range), 1.5A switching supply recommended                | <b>Screen Saver</b>                                    | Yes, Backlight off                                                                 |
| <b>Power</b>               | Back-light On                                                                      | 18 Watts @ 24VDC                                       | <b>Serial and Ethernet Communications</b>                                          |
|                            | Back-light Off                                                                     | 9 Watts @ 24VDC                                        |                                                                                    |
| <b>Agency Approval</b>     | UL, CUL, CE                                                                        |                                                        |                                                                                    |
| <b>Operating Temp.</b>     | 0 to 55°C (32 to 131°F)                                                            |                                                        | Download/program port: RS-232/RS-422/RS-485 9-pin D-sub (female)                   |
| <b>Storage Temp.</b>       | -25 to 65°C (-13 to 149°F)                                                         |                                                        | Ethernet with 10/100 BaseT                                                         |
| <b>External Dimensions</b> | 13"x16.75"x4.66"<br>(332x425.25x118.36mm)                                          |                                                        | <b>USB</b>                                                                         |
|                            |                                                                                    | <b>Micro SD Card Slot</b>                              | 4 USB 2.0 Ports (Programming, Datalogging and Peripheral devices)                  |
|                            |                                                                                    | <b>Weight</b>                                          | Data Logging                                                                       |
|                            |                                                                                    |                                                        | 7 lbs                                                                              |

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