MAGELiS™ XBT-E Operator Terminals

MAGELiS XBT-E features also include:

• 2 or 4 line by 40 character display
• high visibility fluorescent or cost-effective LCD technology
• multiple keypad versions available with alphanumeric data entry keys and 24 function keys for maximum process control
• LEDs on function keys to guide and prompt operator
• customizable front panel design
• FLASH-EEPROM capability for remote loading of application programs and protocols
• approximately 800 application pages
• 256 possible alarm pages
• real-time clock
• output relay
• optional alarm logging and printout
• terminal simulation tool in software for verifying application programs with PC prior to PLC/terminal configuration
• 3 optional message languages and 5 system languages resident for international users
• UL listed, CSA certified and with CE marking
• conformance to European Health and Safety Directive (89/655/EEC)
• worldwide availability and fast delivery

For point-to-point or multidrop control system applications, MAGELiS XBT-E operator terminals offer an integrated solution for keeping operators informed of both ordinary events and emergency situations, and enabling quick reaction to alarms.

The XBT-E terminal can handle up to 800 message pages and 256 alarm pages - an extensive amount of information. Ergonomically designed keypads simplify message management. With the 24 function keys, you can reconfigure the function of any key to display another page or select a menu; or maintain or toggle momentarily a contact or coil in your control system.

The XBT-E terminal multiprotocol can be customized to work with automation products from a variety of PLC manufacturers in addition to Schneider Electric’s. MAGELiS’ Windows™-based PC software also makes developing, modifying and transporting applications simple.

Whether you’re shipping products around the world or relying on MAGELiS to keep your process running smoothly, the XBT-E can supply the flexibility and reliability you need.
**Specifications**

### Operating Characteristics

**Signaling LEDs**
- Communication: 1
- Key Actuation: 1
- Function Keys: 24
- Service Keys: 7

**Memory**
- Flash EEPROM: 384 kb
- Application Pages: 800 approximately
- Alarm Pages: 256

**Transmission Medium**
- Asynchronous serial link
  - RS232/RS485/RS422

**Real-Time Clock**
- Incorporated real-time clock

**Printer Port**
- Asynchronous serial link RS232

**Output Relay**
- 0.5 A/24 V

**Power Supply Connection**
- 5-pin plug-in terminal block

**Data Connection**
- Serial Port
  - SUB-D 25-pin female connector
- Printer Port
  - SUB-D 9-pin male connector

**Configuration Software**
- Windows™ - compatible program
  - XBT-L100_U (sold separately)

**Downloadable Protocols**
- Popular communication protocols available (sold separately)

### Dimensions

![Dimensions Diagram]

**Electrical Specifications**

**Display**
- Vacuum Fluorescent Type: Green matrix (5x7 pixels per character) 2 lines of 20 characters, .20 in (5 mm) in height
- LCD Type: Backlit (5x7 pixels per character) 2 lines of 20 characters, .35 in (9 mm) in height

**Power Supply**
- Voltage: 24 VDC
- Voltage Limits: 18-30 V
- Ripple: 25% maximum

**Consumption**
- 12 W

**Product Selection**

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<th>With printer link</th>
<th># of lines # of characters</th>
<th>Type of display</th>
<th>Power supply V</th>
<th>Part #</th>
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<td>2 x 40</td>
<td>LCD Backlit</td>
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<tr>
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<td>10</td>
<td>15</td>
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<td>2 x 40</td>
<td>LCD Backlit</td>
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<tr>
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<td>10</td>
<td>15</td>
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<td>4 x 40</td>
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