MAGELiS™ XBT-P Operator Terminals

MAGELiS XBT-P features also include:

- 2 line by 20 character display

- high visibility fluorescent or cost-effective LCD technology

- multiple keypad versions available with incremental thumbwheel or numeric data entry and with 8 or 12 function keys

- 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 400 application pages

- 256 possible alarm pages

- optional alarm logging and printout

- terminal simulation tool in software for verifying application programs with PC prior to PLC/terminal installation

- 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

Superior Price Performance for Modular and Micro-PLC Applications

The MAGELiS XBT-P operator terminal can be used for a large variety of applications. Control systems can be point-to-point or for multidrop PLC configurations.

XBT-P terminals connect directly to a PLC system. Downloadable protocols allow you to communicate to a wide variety of PLCs.

Along with optimum access to data, the XPT-P offers maximum control. With eight to twelve programmable function keys capable of performing a variety of functions you can increase operator control of a particular process. Data entry errors are reduced by minimum and maximum entry limits. An optional historical event feature enables you to retrieve alarms in the order recorded for terminal viewing or printing.

Whether your application is electronic assembly equipment, conveyor systems, textile or pharmaceutical production machinery, MAGELiS XBT-P terminals are ideal for both stand alone applications and in large, distributed control environments.

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Specifications

Environment

Temperature
Operating	32°F to 122°F (0°C to 50°C)
Storage	
Vacuum Fluorescent Type	-40°F to 158°F (-40°C to 70°C)
LCD Type	-4°F to 140°F (-20°C to 60°C)

Degree of Protection — UL Type 4, NEMA Type 4 and IP 65 conforming to UL 508 and IEC 529

Electromagnetic Disturbance — Conforming to IEC 1132-2/EN 61131-2

Mechanical Specifications

Mounting — Flush-mounted, by 4 or 6 pressure-type fasteners (supplied) on .04 to .24 in (1 to 6 mm) thick panel

Enclosure — Polyphenylene oxide 10% glass fiber impregnated (PPO GFN1 SE1)

Front Panel — Hardened polyester anti-UV treated (Autoflex EB AG)
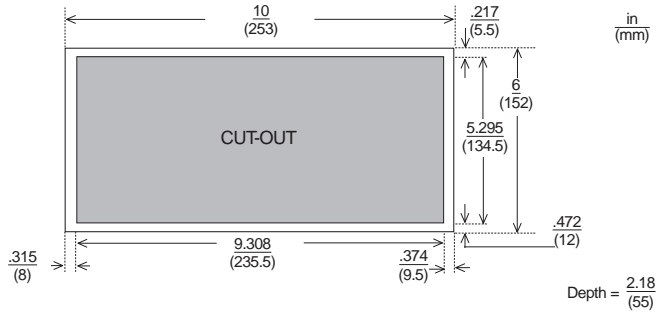
Weight — 1.32 lbs. (0.600 kg)

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 — 10 W

Operating Characteristics

Signaling LEDs
Communication	1
Key Actuation	1
Function Keys	8 or 12
Service Keys	7

Memory
Flash EEPROM	256 kb
Application Pages	400 approximately
Alarm Pages	256

Transmission Medium — Asynchronous serial link RS232/RS485/RS422

Real-Time Clock — Access to programmable controller real-time clock

Printer Port — Asynchronous serial link RS232

Power Supply Connection — 3-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

Product Selection

Terminals with alphanumeric screen XBT-P

Number of keys				# of lines		Power supply	
Funct	Serv	Num	With printer link	# of characters	Type of display	=== V	Part #
8	9	0	no	2 x 20	Fluorescent	24	XBT-P012010
12	10	12	no	2 x 20	Fluorescent	24	XBT-P022010
12	10	12	yes	2 x 20	Fluorescent	24	XBT-P022110
8	9	0	no	2 x 20	LCD Backlit	24	XBT-P011010
12	10	12	no	2 x 20	LCD Backlit	24	XBT-P021010
12	10	12	yes	2 x 20	LCD Backlit	24	XBT-P021110

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