Selection

XBTPM

Terminals with 8 Line Matrix Screen of 40 Characters (Back-Lit LCD)

Downloadable Exchange Protocol	Number of Keys				Supply Voltage (VDC)	Language Version	Catalog Number	Weight lbs (kg)
	Function	Dynamic Function	Service	Alpha-numeric				
No Printer Port See page 34	12	4	10	12	24	Multilingual	**XBTPM027010**	1.32 (0.6)
With Printer Port See page 34	12	4	10	12	24	Multilingual	**XBTPM027110**	1.32 (0.6)

Separate Parts

Description	Use	Catalog Number	Weight lbs (kg)
Development Software	Under Windows 95 or NT 4.0, for downloading the application and protocols	**See page 33**	—
Connecting Cables	Connection to PLCs, configuration terminals, etc.	**See page 34**	—

Documentation

Description	Format	Included in the Product	Catalog Number ▲	Weight lbs (kg)
MAGELiS ® User's Manual	A5 Bound (148 x 210 mm, approx. 6 x 8.25 in)	XBTL1003• and XBTL1004•	**XBTX000••**	0.4 (0.2)

▲ Add the following suffixes **EN:** English, **FR:** French, **DE:** German, **ES:** Spanish, **1T:** Italian.

Specifications

Type of Display Unit		XBTPM027•10 (Back-Lit Matrix LCD)
Environment		
Conforming to Standards		IEC 61131-2, IEC 60068-2-6, IEC 60068-2-27, EN 61131-2, UL 508, CSA C22-2 No. 142
Product Certifications		CE, UL, CSA, UL E164866, CCN: NRAQ, CSA LR 44087, Class 2252 01, UL Class 1, Division 2, groups ABCD T5
Temperature	Operation	+32 to +122 °F (0 to +50 °C)
	Storage	–4 to +140 °F (–20 to +60 °C)
Degree of Protection		IP 65, conforming to IEC 60529, NEMA Type 4, UL Type 4
Mechanical Characteristics		
Mounting and Fixing		Flush-mounted, fixed with spring clips (supplied), pressure-mounted on a panel of thickness 0.06–0.24 in. (1.6–6 mm)
Material	Enclosure	Polyphenyl oxide, 10% glass fiber (PPO GFN1 SE1)
	Keypad	Anti-UV treated toughened polyester (Autoflex EB AG)
Keys	Function	12 static, 4 dynamic
	Service	12
	Numeric	12
Electrical Characteristics		
Display Unit		Back-lit LCD (240 x 64 pixels) 8 lines of 40 characters, height 0.21 in. (5.3 mm), single size 4 lines of 20 characters, height 0.42 in. (10.6 mm), double height, double width
Power Supply	Voltage	24 Vdc, not isolated
	Voltage Limits	18–30 V
	Ripple	5% maximum
Consumption		15 W
Operating Characteristics		
Signaling		25 LEDs
Memory		256 KB Flash EEPROM 400 application pages approximately 256 available alarm pages depending on distribution
Transmission (asynchronous serial link)		RS 232 C / RS 485 / RS 422
Downloadable Protocol		Multiple (see pages 8 and 34)
Real-Time Clock		Access to the PLC real-time clock
Printer Port (asynchronous serial link)		RS 232 C **(XBTPM027110)**
Connection	Power Supply	Plug-in terminal block 3 screw terminals 13/64" (5.08 mm) pitch Maximum clamping capacity: #16 AWG (1.5 mm^2), 0.5–0.6 N•m
	Serial Port	25-pin SUB-D connector
	Printer Port	9-pin SUB-D connector