Catalogue No: **1766-L32BWAA**

MLX1400 240VAC 20DI-24VDC 6AI/O 12DO-RLY ENET 2XRS232/485

Representative Photo Only
(actual product may vary based on configuration selections)

MicroLogix 1400, 20 Digital Inputs - 24V DC, 12 Relay Output, 4 Analog Input, 2 Analog Output, 110/240V AC Power Supply

- Ethernet port provides Web server capability, email capability and support for DNP3 protocol
- Built-in LCD with backlight lets you view controller and I/O status, messaging, data monitoring and manipulation
- As many as six embedded 100kHz high-speed counters (DC input models only)
- Dual serial ports supporting DF1, DH-485, Modbus RTU, DNP3 and ASCII protocols
- 10KB user program memory, 10KB user data memory
- Up to 128KB for data logging and 64KB for recipe storage
- Compatible with Bulletin 1762 MicroLogix™ Expansion I/O Modules (up to seven modules per controller)
- Expands up to 256 I/O points

SPECIFICATIONS	
Product Series	MicroLogix 1400 (Bul. 1766)
Component Type PLC & I/O	Controller with onboard I/O
Unom, Supply Voltage(s), AC, Nom	120 V AC 240
Memory, Program	10 kB memory
Memory, Data	10 kB memory
Quantity, Total Input	24 qty
Quantity, Digital Input	8 qty
Type, Digital Input	24V DC Snk/Src type
Quantity, Fast Digital Input, Shared	12 qty, shared
Type, Fast Digital Input, Shared	12/24V DC Snk/Src type, shared
Quantity, High Speed Counter Input, Shared	6 qty, shared
Type, High Speed Counter Input, Shared	2-wire HSC type, shared
Quantity, Analogue Input	4 qty
Type, Analogue Input	0-10V DC type
Quantity, Total Output	14 qty
Quantity, Relay Output	12 qty
Type, Relay Output	NO 125V DC / 250V AC type
Quantity, Analogue Output	2 qty
Type, Analogue Output	0-10V DC type
Number of Digital Inputs	20 qty
Digital Input Type	24V DC Sinking/Sourcing type
Number of Digital Outputs	12 qty
Number of Relay Outputs	12 qty
Digital Output Type	Relay type
Number of Analogue Inputs	4 qty
Analogue Input Type(s)	Voltage: Single-Ended / Differential
Analogue Input Range(s)	0 ... 10V DC

Number of Analogue Outputs	2 qty
Analogue Output Type(s)	Voltage: Single-Ended
Analogue Output Range(s)	0 ... 10V DC
Communications Ports (On Board)	8-pin Mini DIN (RS232) 9-pin D-Shell Socket (RS232) RJ-45
Communications Protocols	ASCII Modbus-RTU EtherNet/IP EtherNet/OCPP DF-1 Half-Duplex DF-1 Full Duplex Modbus RTU Slave DNP3 Slave Modbus-TCP/IP
Real Time Clock	Integrated
Display Type	Integrated LCD
Number of Local Expansion Modules	7 qty local
Software, Configuration	RSLogix500
Operating Temperature, Max	60 °C max
Operating Temperature, Min	-20 °C min
Storage Temperature, Max	85 °C max
Storage Temperature, Min	-40 °C min
Relative Humidity, Max	95 %RH
Humidity Type	Non-condensing
IP Rating	IP20
Shock Acceleration (Max.)	30 g
Shock Rating	IEC 60068-2-27
Vibration Acceleration (Max.)	3 m/s²
Vibration Frequency, Operational (Max.)	500 Hz
Vibration Rating	IEC 60068-2-6

REFERENCES

IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-