

Catalogue No: 1766-L32BWA

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

Automation Systems > Micro Programmable Controllers and Smart Relays > Micro PLCs > Allen-Bradley® MicroLogix™
> MicroLogix™ 1400 > MicroLogix™ 1400 Controllers



MicroLogix 1400, 20 Digital Inputs - 24V DC, 12 Relay 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

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

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	20 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, Total Output	12 qty
Quantity, Relay Output	12 qty
Type, Relay Output	NO 125V DC / 250V AC type
Number of Digital Inputs	20 qty
Digital Input Type	24V DC type
Number of Digital Outputs	12 qty
Number of Relay Outputs	12 qty
Digital Output Type	Relay type
Communications Ports (On Board)	8-pin Mini DIN (RS232) 9-pin D-Shell Socket (RS232) RJ-45

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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
Shock Acceleration (Max.)	30 g
Shock Rating	IEC 60068-2-27
Vibration Acceleration (Max.)	3 m/s ²
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:	-