

ULTRA

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Product Data Sheet MXBMN



The base unit (or brain) connects to the fiber optic cable and provides visual indication of fiber link status. Information is received from up to four input modules that can be cascaded. Each module has a partner module installed on the corresponding base unit. An integrated backplane allows for communications between modules with no external inter-modular connection.

Features

- Multi-Node MX Multiplexer Base Unit supports up-to 16 I/O device ports
- I/O Modules are available in 2 and 4 channel versions
- Maximum number of I/O modules per optical base unit – 4
- Maximum number of I/O devices per optical base unit – 16
- Maximum number of Input devices per system – 1024
- Maximum number of Output devices per system – unlimited
- Maximum number of locations in Daisy Chain or SHR topology – 256
- SFP Transceivers with LC connectors and patch cords available
- No programming required

Specifications

NAME	DESCRIPTION
Input Power Requirement	+15-30Vdc Input
Alarm Output Relay	Form-C (SPST), 1A @ 30Vdc
Update Rate	115.2kHz (8.68μs)
Connector Type	LC
Compatible Fiber Type	Single Mode
Maximum Transmission Distance	80km
Regulatory Certifications	CE, Class I, Division 2, Groups A, B, C & D for the US & Canada, ATEX, Zone-2, Category 3
Operating Temperature	-40 to 85°C; 0-95% Humidity (non-condensing)
Mounting	35mm DIN Rail
Weight	<9oz. (250g)

Accessories

SFP Transceivers	SFP13-100M2K, SFP13-100M15K, SFP13-100M40K, SFP13-100M80K
Contact Closure I/O Modules	MXCC-IP2, MXCC-IP4, MXCC-OP2, MXCC-OP4
4-20mA I/O Modules	MX420-IP2, MX420-IP4, MX420-OP2, MX420-OP4
0-10Vdc I/O Modules	MX010-IP2, MX010-IP4, MX010-OP2, MX010-OP4
RS232/485	MXRS-2, MXRS-4

Documents

NAME

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Multi-Node MX Multiplexer User Manual

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