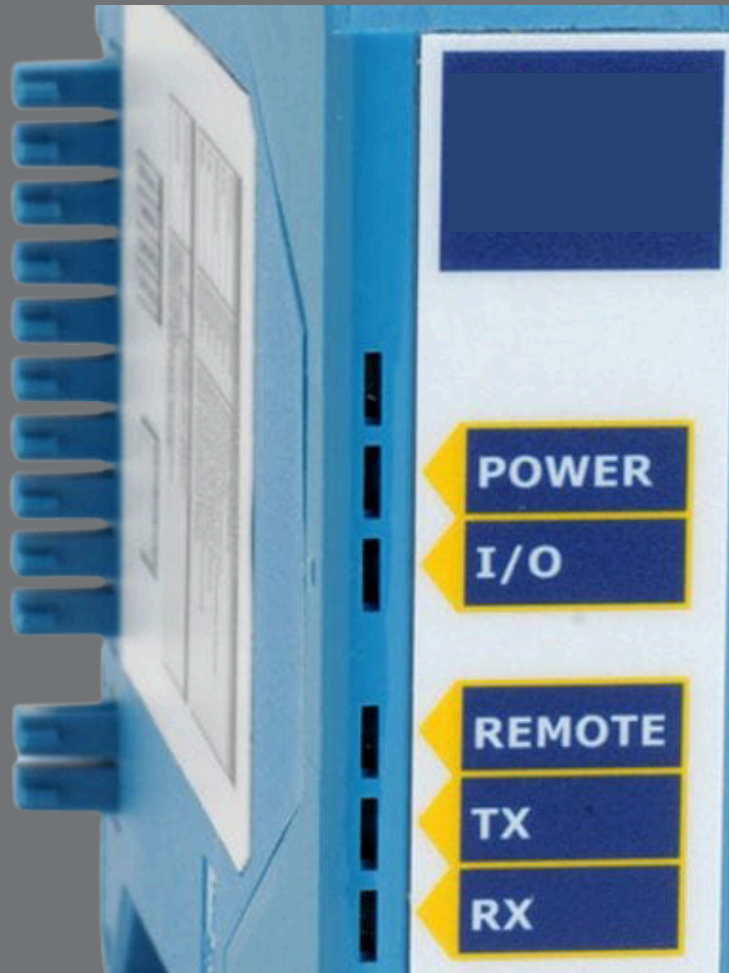# MXB-MM2 multiplexer base unit

Key features

- MX Multiplexer Base Unit supports up to 16 channels
- I/O modules are available in 2 and 4 channel versions
- Maximum number of I/O modules per optical side - 4
- Maximum number of I/O devices per optical side - 16
- SFP transceivers with LC connectors and patch cords available

Overview

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.

Technical specification

Feature	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	Multi-mode
Maximum transmission distance	2km
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	• 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-IP2, MX010-IP4 • RS232/485: MXRS-2, MXRS-4
Installations instructions	Shipped with product or available on request

FAQs

Can this product be powered using a 24Vdc power supply?

Yes. This unit requires 24Vdc power, and is wired directly to the base unit terminals.

Does this product require software to configure?

No. These modules can be configured via dip switches.

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About Curtiss-Wright

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