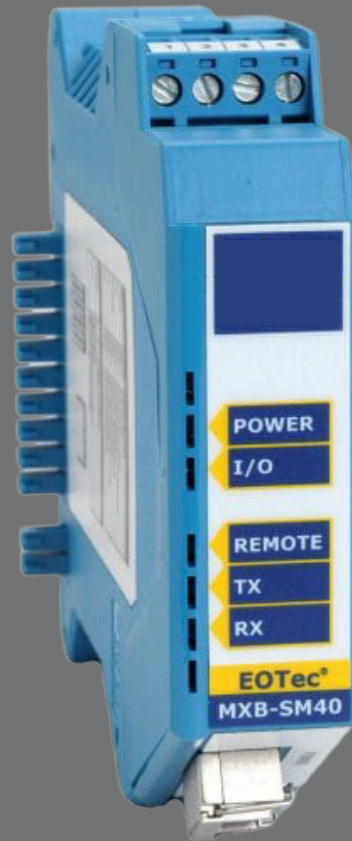


# MXB-SM40 multiplexer base unit



## 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	Single mode
Maximum transmission distance	40km
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)
Legacy modules	2M61
Accessories	<ul style="list-style-type: none"><li>• Contact closure I/O modules: MXCC-IP2, MXCC-IP4, MXCC-OP2, MXCC-OP4</li><li>• 4-20mA I/O modules: MX420-IP2, MX420-IP4, MX420-OP2, MX420-OP4</li><li>• 0-10Vdc I/O modules: MX010-IP2, MX010-IP4</li><li>• RS232/485: MXRS-2, MXRS-4</li></ul>
Installation instructions	Shipped with product or available on request

## United States of America

707 Jeffrey Way  
Round Rock  
Texas 78665-2408  
USA

Tel: +1 512-434-2800

## United Kingdom

Innovation House  
Lancaster Road  
Ferndown Industrial Estate  
Wimborne  
Dorset BH21 7SQ  
UK

Tel: +44 (0) 1202 850 450

For more information

Web: [cwic.curtisswright.com](http://cwic.curtisswright.com)

Email: [sales@nspi.curtisswright.com](mailto:sales@nspi.curtisswright.com)

## About Curtiss-Wright

Curtiss-Wright Round Rock and Wimborne have worked with nuclear and industrial customers for over 60 years. We support customers across the world from facilities located in the US and UK. Our solutions are embedded in strategic national infrastructure and our people are active partners in customer programs that are focused on delivering advanced future nuclear and industrial capabilities.

Curtiss-Wright Corporation (NYSE: CW) is a global integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding commercial power, process and industrial markets. We leverage a workforce of approximately 8,600 highly skilled employees who develop, design and build what we believe are the best engineered solutions to the markets we serve. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing innovative solutions through trusted customer relationships.