IB-IL-24-MUX-MA-PAC

Industrial automation components

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Manufacturer	Phoenix Contact
Catalog number	ib-il-24-mux-ma-pac
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Inline Field Multiplexer
Product Family	Inline
Supply Voltage	24 V DC
Max Switching Voltage (DC)	150 V DC
Max Switching Voltage (AC)	125 V AC
Max Switching Current	1 A
Max Digital I/Os	512
Max Analog I/Os	32

Description

The Phoenix Contact IB IL 24 MUX MA-PAC is an Inline field multiplexer designed to facilitate the transmission of signals between two remote stations, effectively reducing the need for conventional parallel cabling.

This modular system comprises two identical field multiplexer stations that communicate via a remote bus cable. The IB IL 24 MUX MA-PAC serves as the central unit, connecting all necessary Inline I/O terminals within a station.

Key features include support for up to 63 I/O terminals and the capability to connect up to 512 digital or 32 analog I/Os, or a combination thereof. The device operates with a supply voltage of 24 V DC and offers a relay contact with a switching voltage of up to 150 V DC and 125 V AC, handling a maximum switching current of 1 A.

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Designed for industrial applications, it ensures reliable and efficient signal transmission over extended distances.

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