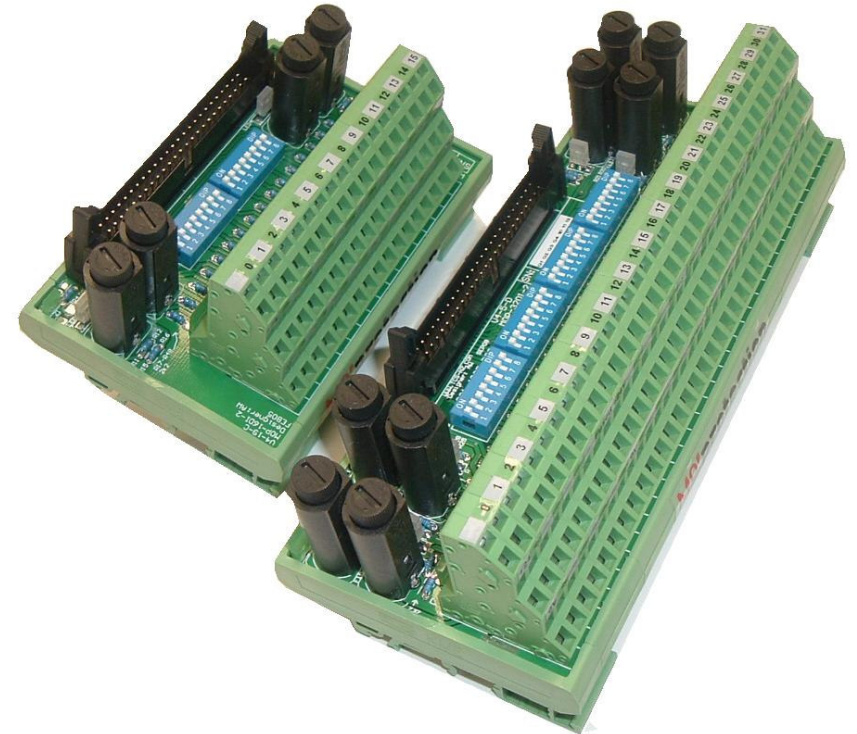


Specifications	
Conformance	CE
Number of Inputs	16 or 32
Normal Voltage Range	10 to 32VDC
Maximum Voltage	48VDC
Input Type	Sinking
Module Current	2 Amps @ 24VDC
Fuse Group Current	250mA @ 24VDC
Termination	Spring Clamp
Field Conductor Size	Solid - 0.2 to 2.5mm Flexible - 0.2 to 1.5mm AWG - 24 to 14
Mounting	DIN Rail EN50 022,35,45
Operating Temperature	0 to 60 degrees C
Storage Temperature	0 to 85 degrees C
Relative Humidity	5 to 95% non condensing
16-Way Dimensions (L x W x H) (mm)	113 x 78 x 64
32-Way Dimensions (L x W x H) (mm)	183 x 78 x 64
Power LED Indicator	Off = 24VDC supply not connected On = 24VDC supply connected
Input LED Indicators	Off = Input Off On = Input On
Fuse LEDs Indicators	Off = 24VDC supply not connected Green = Fuse OK Red = Fuse blown
Ordering Information	
TCS Part Number	Description
003-2011-000	MOP-16DI-0 (terminals labeled 0-15)
003-2011-002	MOP-16DI-1 (terminals labeled 1-16)
003-2012-000	MOP-32DI-0 (terminals labeled 0-31)
003-2012-002	MOP-32DI-1 (terminals labeled 1-32)

\* PLC to module wiring assembly available—please enquire



## Installation Instructions

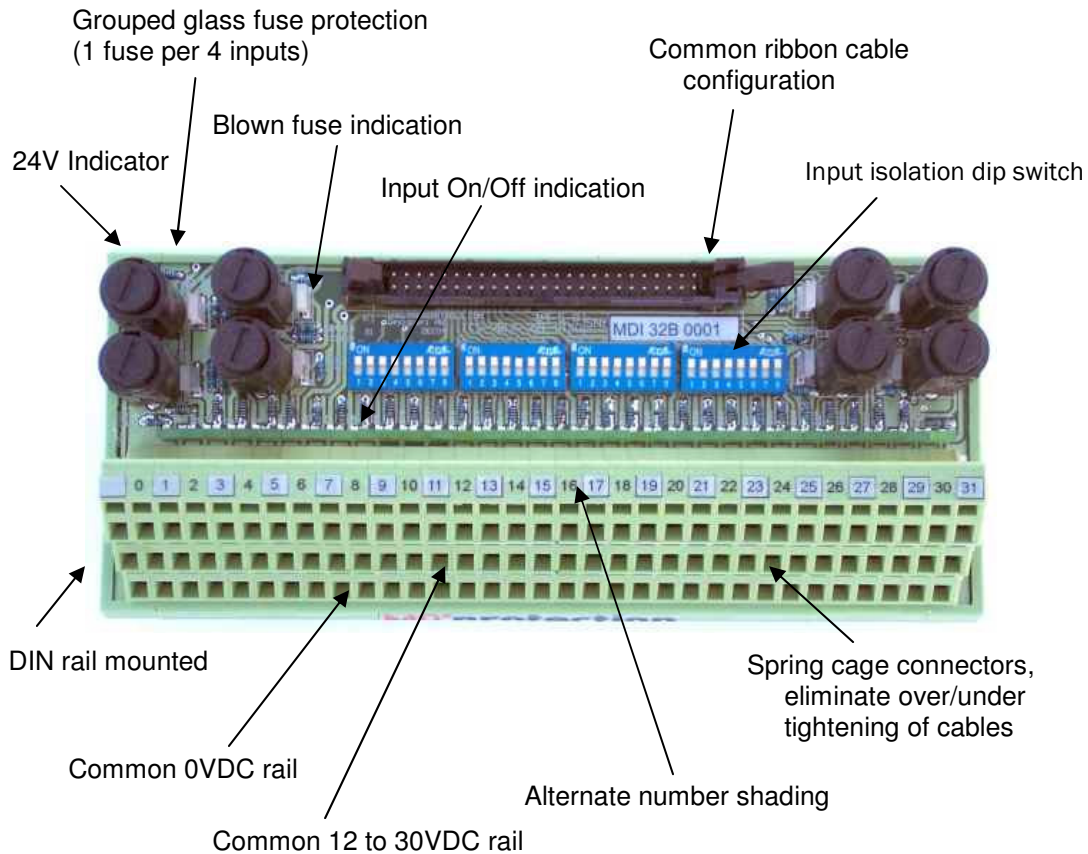


# MOP<sup>TM</sup> protection

PLC I/O Wiring System  
Fused Digital Input Modules  
Document No. 722-4005-E00

technology | concepts | solutions

# Major Features



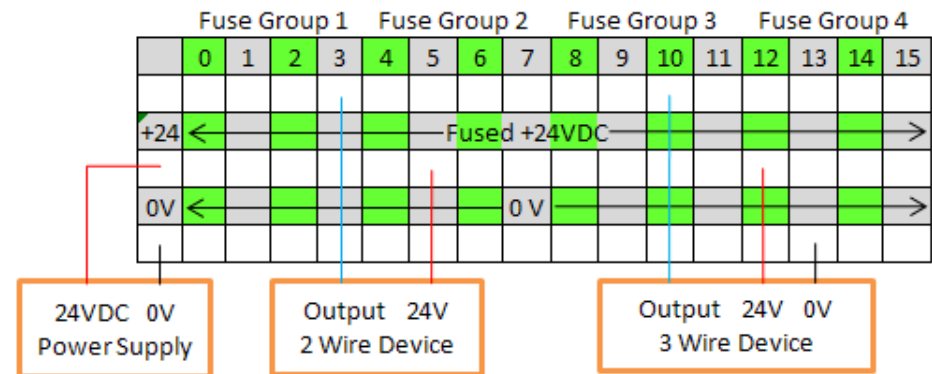
This product is designed to meet Council Directive 73/23/EEC low voltage, by applying the safety requirements EN 61131-2.

This equipment is classified as open equipment and must be installed (mounted) in an enclosure during operation as a means of providing safety protection.

# Wiring and Setup Instructions

Terminal Descriptions	
MOP Terminal	Description
+24	+24V DC input to provide power for the fused +24V output terminals
0V	0V
Fused +24V	Fused +24V outputs via isolating DIP switches. Each fuse feeds 4 +24V outputs (Off = isolated, On = active)
0-15 <sup>NOTE 1</sup> 1-16 <sup>NOTE 2</sup> 0 - 31 <sup>NOTE 3</sup> 1 - 32 <sup>NOTE 4</sup>	Input terminals

Note 1: MOP-16DI-0  
 Note 2: MOP-16DI-1  
 Note 3: MOP-32DI-0  
 Note 4: MOP-32DI-1



## Wiring the Terminal Block

- The use of wire ferrules is recommended
- Insert a flat bladed screwdriver into the upper hole of the terminal
- Insert the wire into the open terminal and remove the screwdriver