Specifications	
Number of Inputs	32
Normal Voltage Range	24V AC
Maximum Voltage	28V
Input Type	Sinking (NOTE 1)
Input current	Limited to 10mA AC
Output current per channel to PLC card	Limited to 30mA
Input Operate Time (at 24VAC)	5 ms max
Input Release Time	75 ms max
Module Current	1 Amps @ 24VDC
Fuse Group Current	250mA @ 24VAC
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
32-Way Dimensions (L x W x H) (mm)	195 x 130 x 70mm
+24V DC Power LED Indicator	Off = 24VDC supply not connected Green = Fuse OK Red = Fuse blown
24V AC Input LED Indicators	Off = Input Off On = Input On
24V AC Fuse LEDs Indicators	Off = 24VAC supply not connected Green = Fuse OK Red = Fuse blown
Ordering Information	
TCS Part Number	**Description**
003-2071-000	MOP-32II-24V-AC-0 (terminals labeled 0-31)
003-2071-002	MOP-32II-24V-AC-1 (terminals labeled 1-32)

NOTE 1: Note that sensors with input leakage current may need an appropriately sized external pulldown load resistor

* PLC to module wiring assembly available—please enquire

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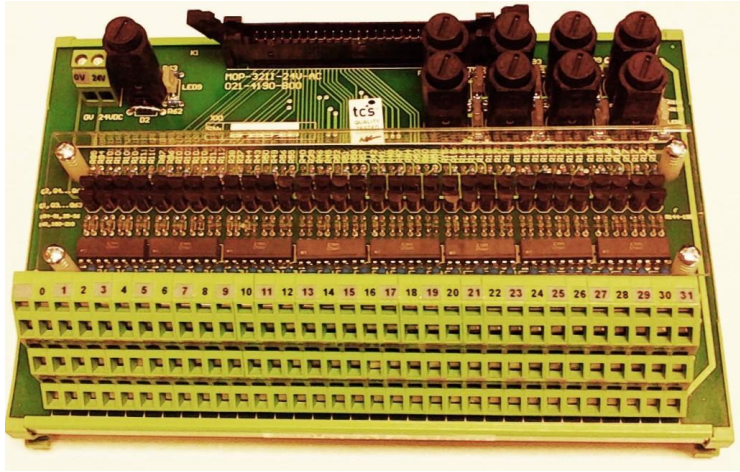
Installation Instructions



MOprotection™

PLC I/O Wiring System
32 way 24V AC Isolated Input Module

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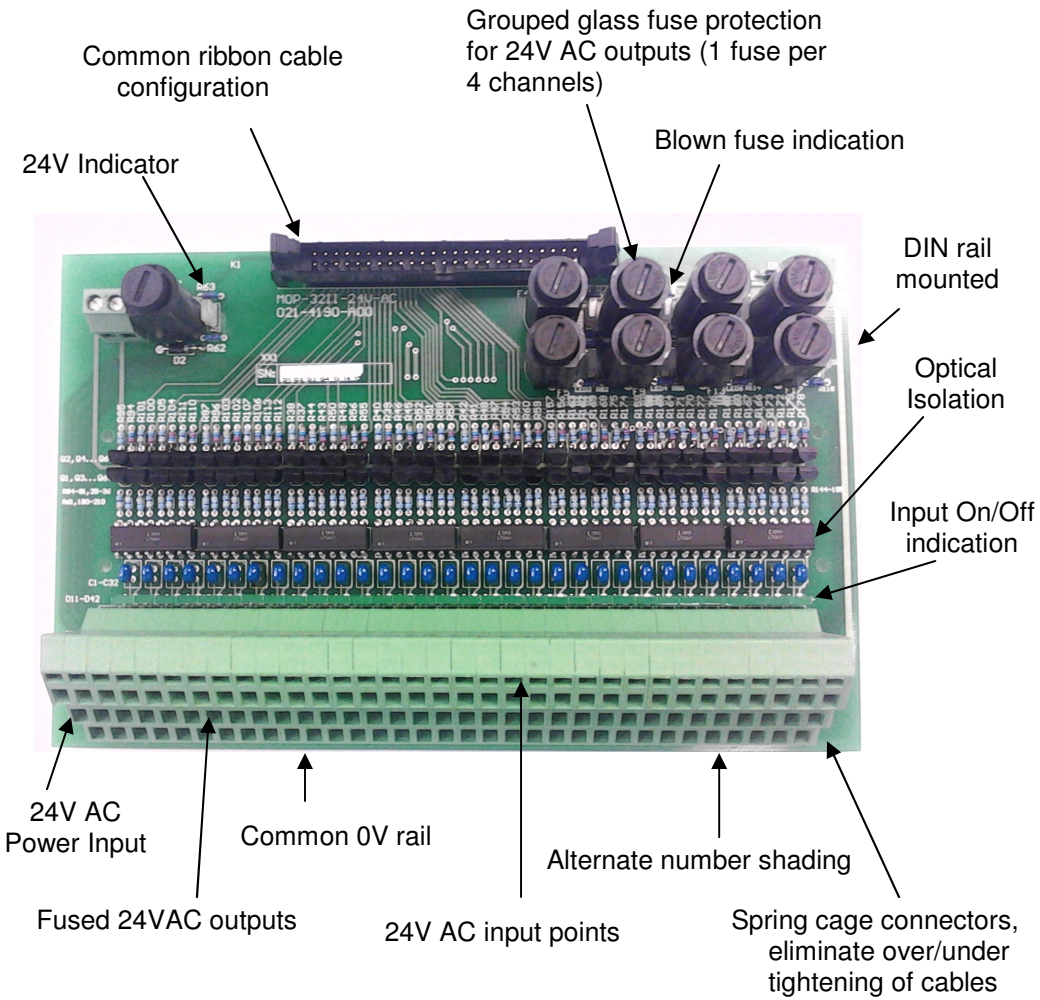
Major Features



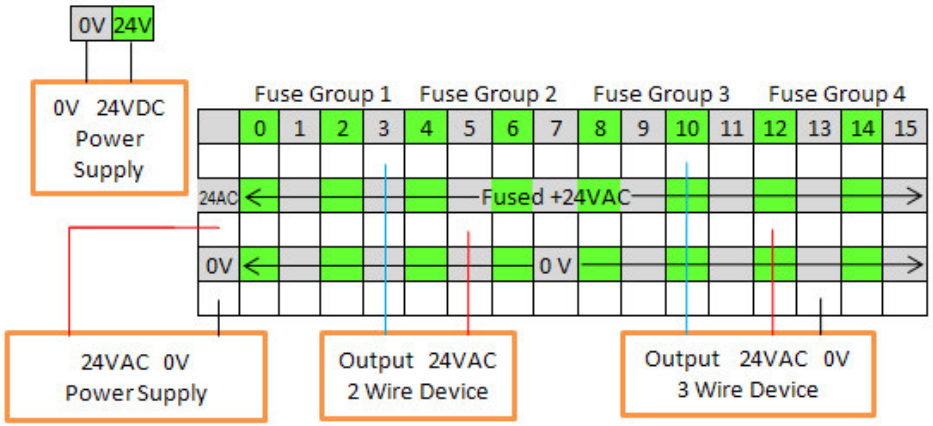
This product is designed to meet Council Directive 73/23/EEC low voltage, by applying the safety requirements EN 61131-2.

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**
24AC	24V AC input to provide power for the fused 24V AC output terminals
0V	0V (common point for AC)
Fused 24V AC	Fused 24V AC outputs. Each fuse feeds 4 24V AC outputs
0 - 31[NOTE 1] 1 - 32[NOTE 2]	24V AC Input terminals
+24 (screw terminal)	+24V DC input
0V (screw Terminal)	0V (common point for DC)

Note 1: MOP-32II-24V-AC-0
Note 2: MOP-32II-24V-AC-1



Wiring the Terminal Block
- The use of wire ferrules is recommended
- Insert a flat bladed screwdriver into the upper hole of the terminal