MOP-16RIW-110VAC Specifications

Number of Inputs	16
Module Current	5 Amps @ 24VDC
Normal Voltage Range	110V AC
Maximum Voltage	120V AC
Diagnostic Functions	LED indication
Termination	Spring Clamp
Mounting	DIN Rail EN50 022,35,45
Field conductor size	Solid - 0.2 to 2.5mm Flexible - 0.2 to 1.5mm AWG - 24 to 14
Environmental Conditions - Operating Temperature	0 to 60 degrees C (100% of relays energized)*
- Storage Temperature	-40 to 85 degrees C 5 to 95% noncondensing
Dimensions (W x H x L)	125mm x 51mm x 215mm

Ordering Details

16 way Relay Input Module	MOP-16RIW-110VAC
Ribbon Connector for 36 way swing arm	MOP-C36-t-x.x
	x.x denotes length in metres
	t denotes PLC Type
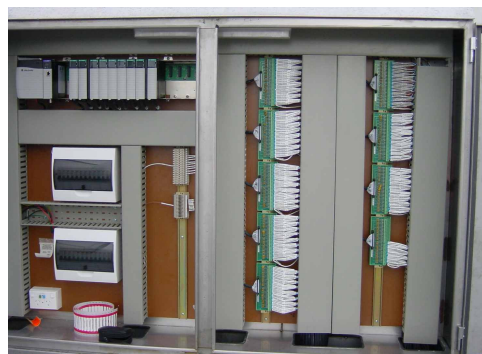
Panel assemble example
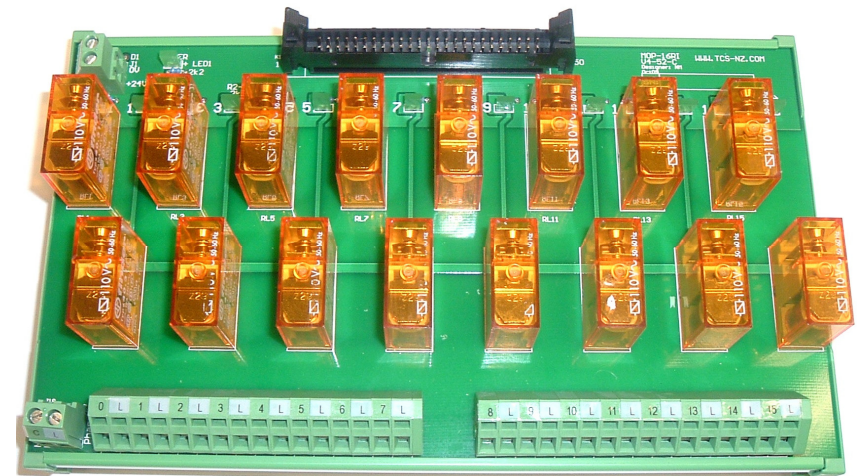
- Minimise faults
- Minimise Space
- Minimise Time
- Minimise Cost

- Maximise Protection
- Maximise Returns
- Maximise Efficiencies

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MOP– 16RIW-110VAC
110 Volt
Relay Input Module

USER GUIDE

MOPprotection ™

PLC I/O Wiring System
16 way relay input module wide body
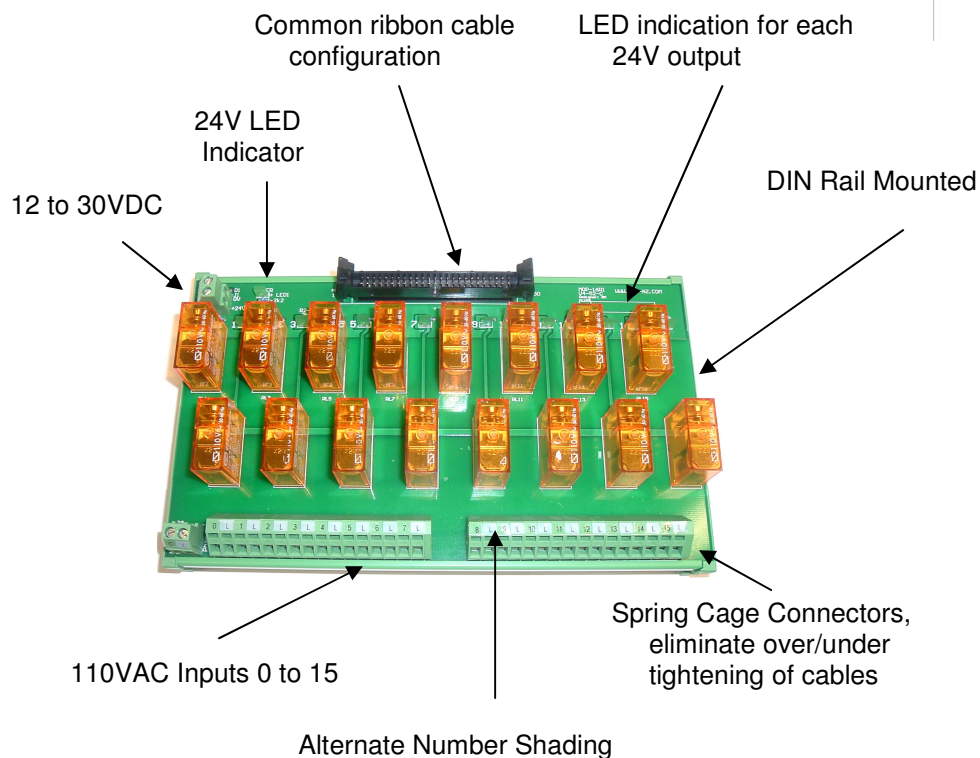Cat No.   MOP-16RIW-110VAC
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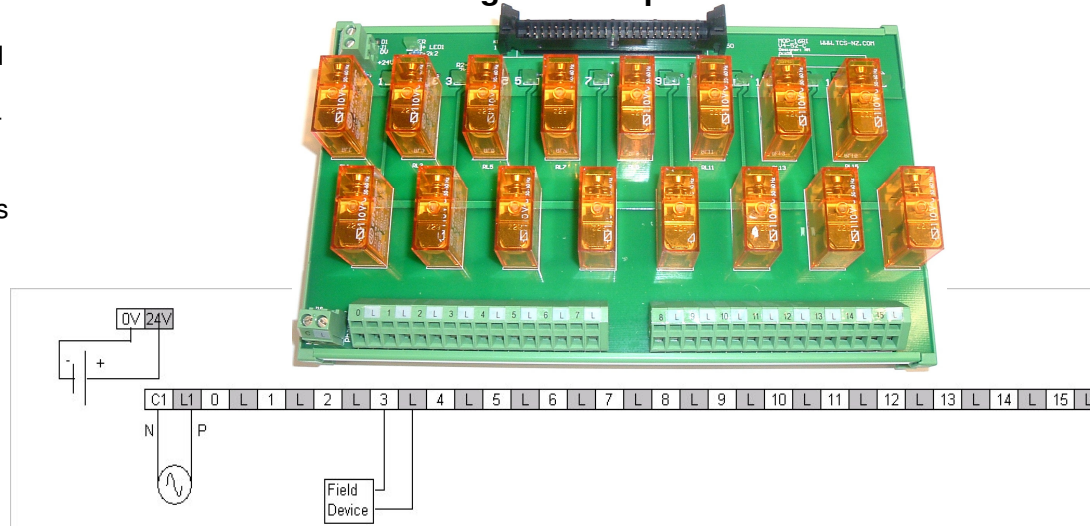
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Mo'protection™. A PLC I/O wiring system that provides fused protection to reduce exposure from component failure that could cripple an automated plant. In addition to the increased protection this PLC I/O wiring system minimises PLC panel assembly time. It has factory assembled wiring looms and DIN rail mounted chassis.

Mo'protection™. The most advanced PLC I/O wiring system of its type with features that will return real benefits.

Major Features

24V LED Indicator

12 to 30VDC

Common ribbon cable configuration

LED indication for each 24V output

DIN Rail Mounted

110VAC Inputs 0 to 15

Alternate Number Shading

Spring Cage Connectors, eliminate over/under tightening of cables

Wiring and Setup Instructions

The Module
1. You can only connect wiring to the module on the terminal block. The example above shows how to wire the module
2. All terminals with the same name are connected together on the module
3. The module requires a voltage source connected to the +24 and 0V terminals for Output and 110 Volts AC to power the Input relay.

Wiring the Terminal Block (TB)
Wire the TB with a 3.2mm maximum flat-bladed screwdriver
1. Strip 9.5mm maximum length of wire
2. Insert the screwdriver into the upper hole of the terminal
3. Insert the wire into the open terminal and remove the screwdriver
Note: Its is advisable to use wire ferrules

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.

PLC to module Wiring Assembly

Note: PLC terminal block is not included with the ribbon cable as the terminal block is dependent on the PLC make and the module type