MOP-16RO-CC Specifications

Number of Outputs	16
Module Current	170 mA @ 24VDC
Relay Maximum DC	5 Amps @ 30VDC
Relay Maximum AC	5 Amps @ 250VAC
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
- Storage Temperature	-40 to 85 degrees C
- Relative Humidity	5 to 95% non-condensing
Dimensions (W x H x L)	77mm x 52mm x 148mm

Ordering Details

16 way clean contact Output module	MOP-16RO-CC
Ribbon Connector for 20 way swing arm	MOP-C20-t-x.x
	x.x denotes length in metres
	t denotes PLC Type

Panel assemble example

- Minimize faults
- Minimize Space
- Minimize Time
- Minimize Cost

- Maximize Protection
- Maximize Returns
- Maximize Efficiencies

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MOP– 16RO-CC
230 Volt AC
Relay Output Module

User Manual

MOprotection™

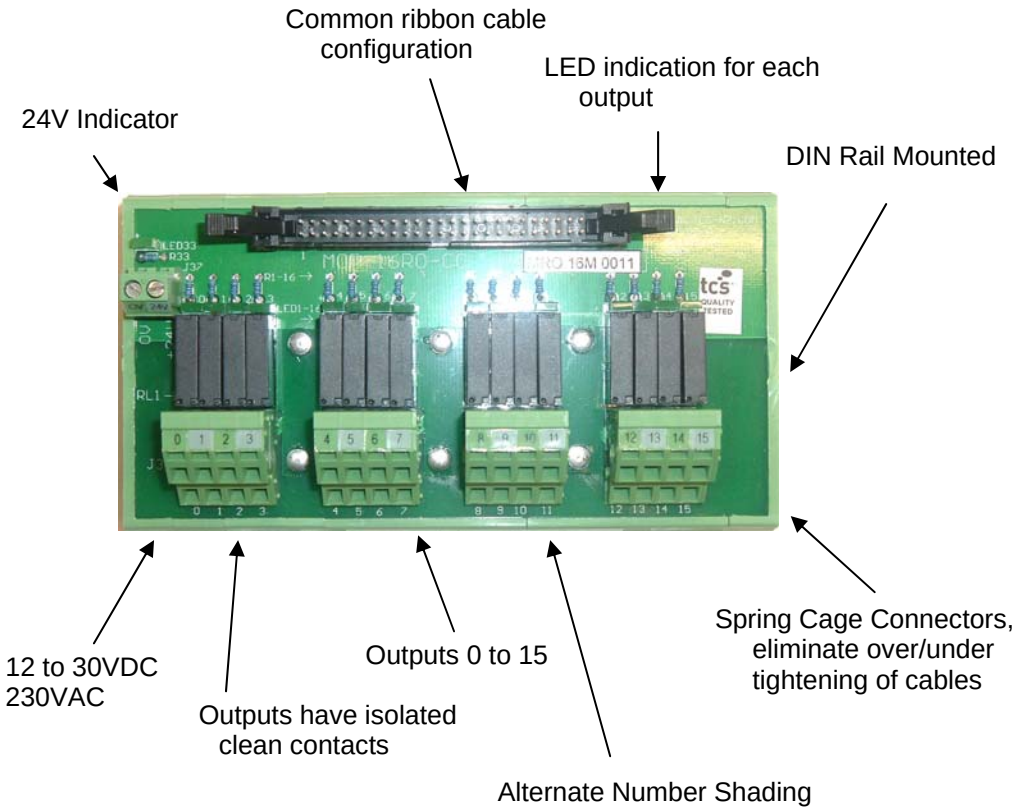
PLC I/O Wiring System
16 way relay output module
Cat No. MOP-16RO-CC
Document No. 722-4092-A00
Email: sales@tcs-nz.co.nz

MoProtection. A PLC I/O wiring system that provides 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 minimizes PLC panel assembly time. It has factory assembled wiring looms and DIN rail mounted chassis.

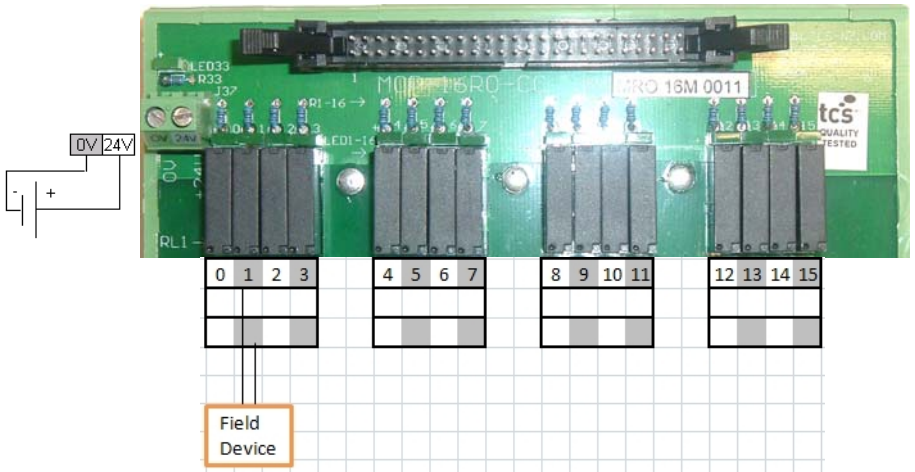
MoProtection. The most advanced PLC I/O wiring system of its type with features that will return real benefits.

Major Features

This TCS MoProtection Relay Output Module allows 16 isolated channels of PLC I/O to turn on/off up to 230VAC loads. There is complete isolation between the 24VDC from the PLC and the 230VAC of the connected device.



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. The module requires a voltage source connected to the +24 and 0V terminals.
3. Up to 230 VAC switchable at the Relay Output terminals.

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