

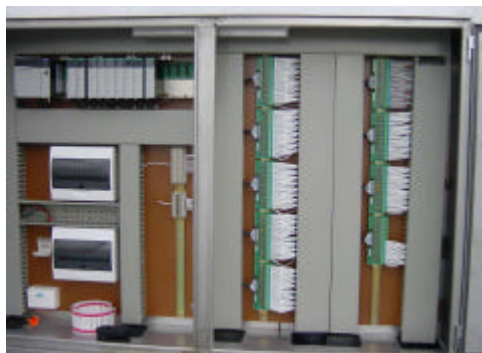
MOP-16-32DI Specifications

Number of Outputs	32
Channel Current	1 Amps @ 24VDC
Initial Resistance @ 23 degrees C	Min 0.18 ohms Max 0.40 ohms
Thermal Dissipation	10.37 BTU/hr @ 60 degrees C
Post Trip Resistance	0.60 ohms
Normal Voltage Range	10 to 32VDC
Maximum Voltage	60VDC
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 54mm x 101mm

Ordering Details

16—32 way straight output module
Ribbon Connector for 20 way swing arm

MOP-16-32DI
MOP-C20-t-x.x
x.x denotes length in metres
t denotes PLC Type



Panel assembly example

- Minimize faults
- Minimize Space
- Minimize Time
- Minimize Cost
- Maximize Protection
- Maximize Returns
- Maximize Efficiencies

MOP-16-32DI Combiner Module

User Manual



MOP protection™

PLC I/O Wiring System
16 –32 way Combiner Module

Cat No. MOP-16-32DI
Document No. 722-4050-A00
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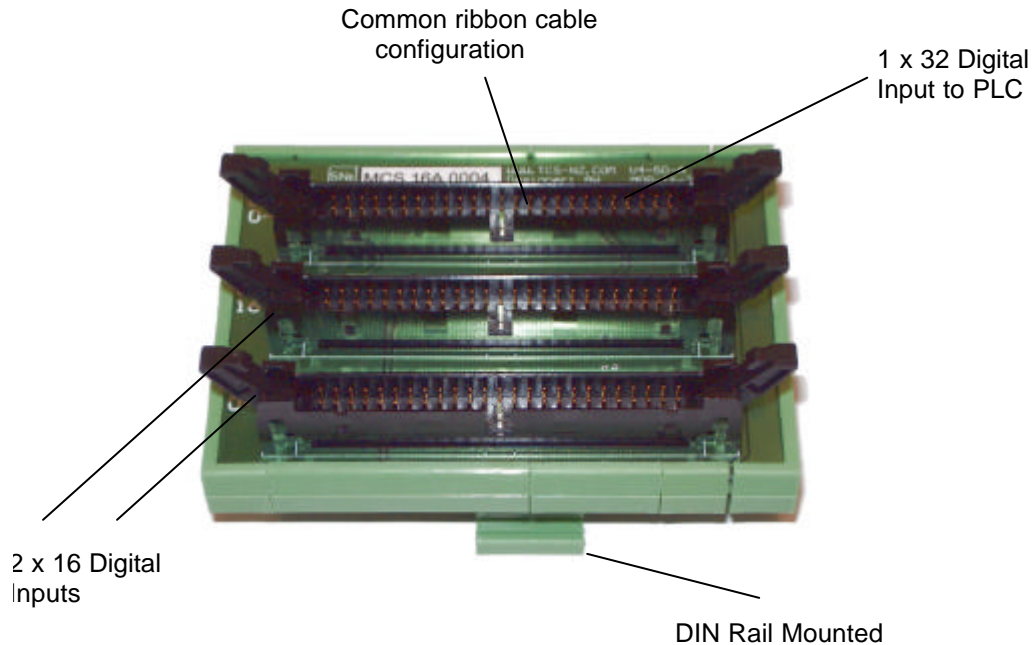
MoProtection . A PLC I/O wiring system that provides fused protection to reduce exposure from component failure that could cripple an automated plant. In addition to the increased protection this PLC I/O wiring system minimizes PLC panel assembly time. It has factory assembled wiring looms and DIN rail mounted chassis.

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

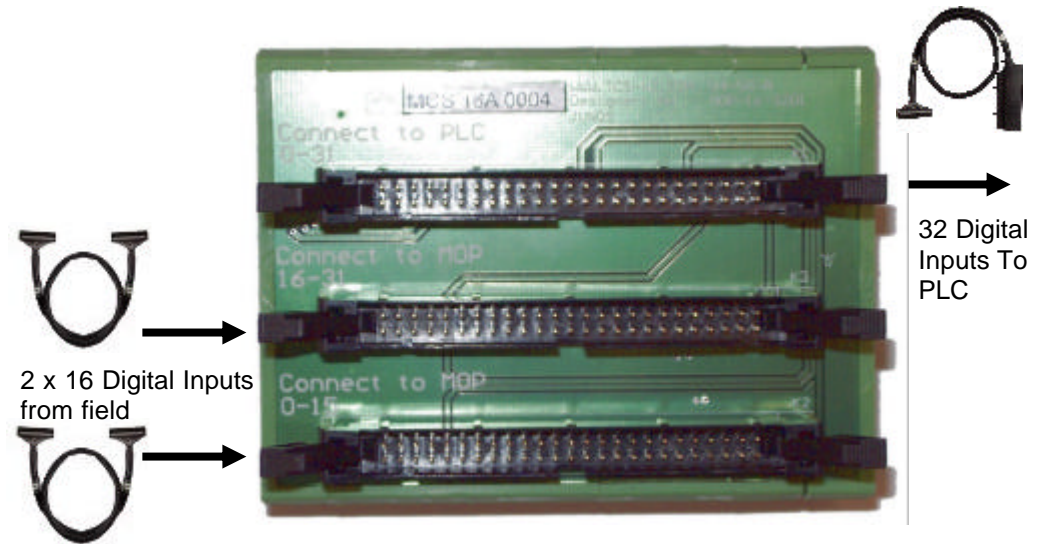
Major Features

The TCS MoProtection Combiner Module allows 2 types of 16 way MoP Digital In modules to connect to a single 32 Way Digital In PLC Module. This has the advantage of being able to mix 16 way input modules to a 32 way PLC module.

<u>16Way Module Type</u>	<u>32Way Module Type</u>
MoP 16DI	MoP 32DI
MoP 16RI	



Wiring and Setup Instructions



The Module

1. The module combines data from 2 x 16 input MoP modules into a single MoP 32DI PLC module.
2. The example above shows the cabling necessary to connect the module into the network.
3. All terminals with the same name are connected together on the module

Wiring the Terminal Block (TB)

1. Plug premade TCS cables into the connectors shown on above diagram.

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.