M4901 / M4906
8 Relay DIN Accessory

Accessory Description:

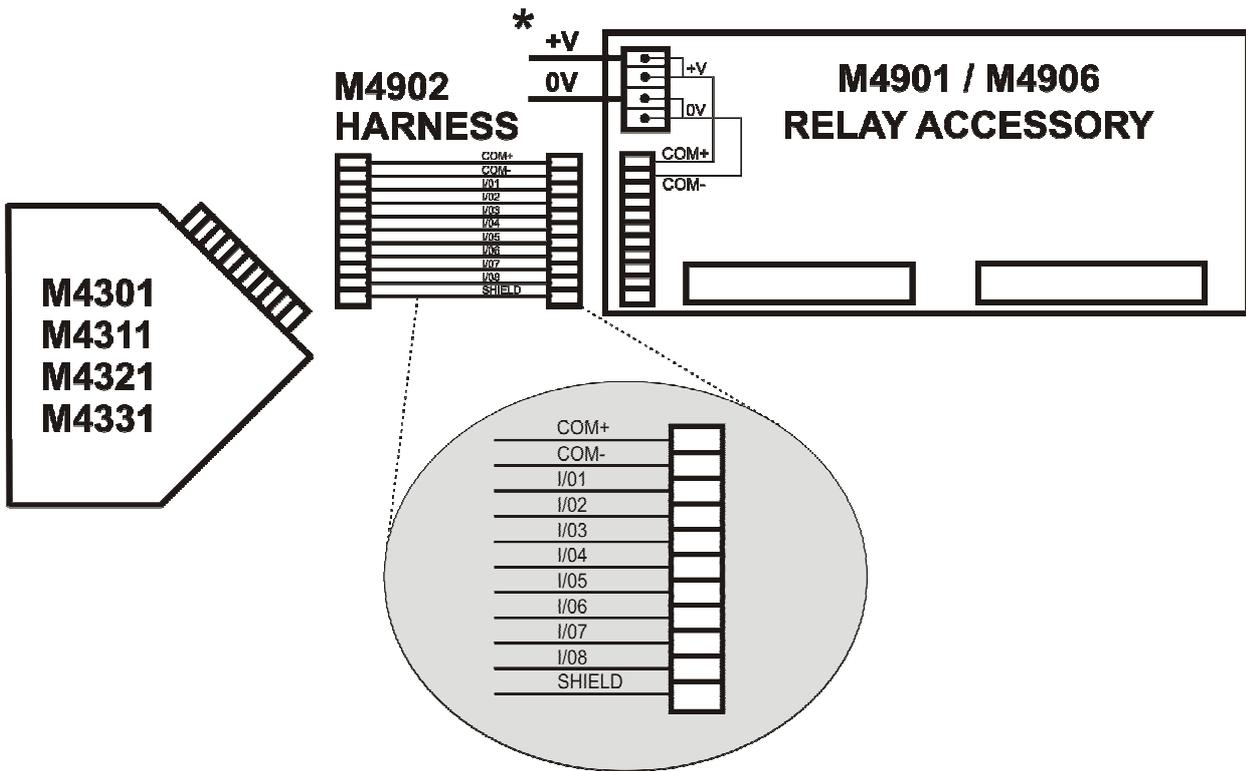|	M4901	M4906
General	DIN rail mountable 8 relay accessory	
Isolation	>500V from indicator to module	
Power Supply +V, 0V	12VDC >= 500mA Maximum voltage (without damage): 16VDC	24VDC >= 500mA Maximum voltage (without damage): 31VDC
Input	Input ON: >= 9.0V Input OFF: <= 1.2V	Input ON: >= 17.0V Input OFF: <= 2.4V
Output	Volt free contacts(com, N/O, N/C) Voltage Rating 250 Vrms. Maximum current per relay: 8A	

To Setup A Button Input For I/01

The button will energize I/01 as an input. See 8 Input/Output Module manual for details or setting. Note that the relay will energize at the same time
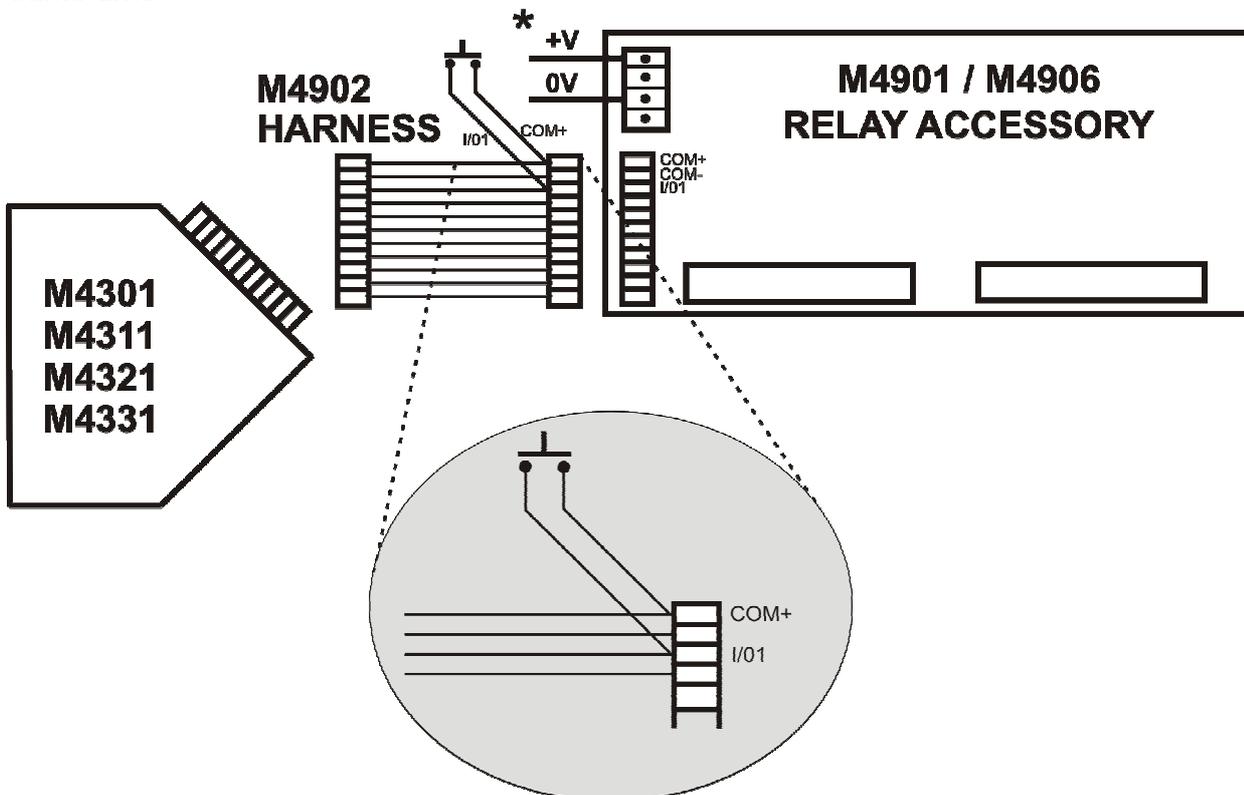
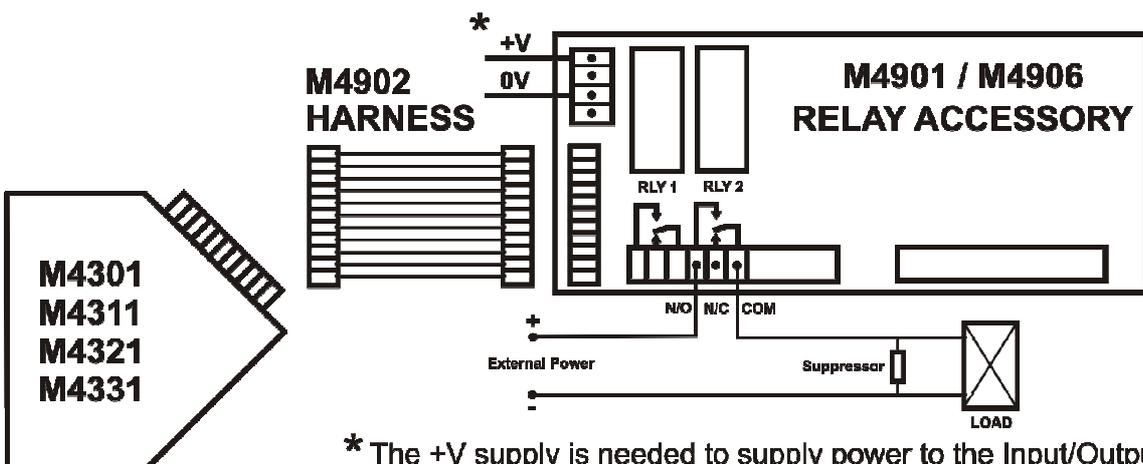* The +V supply is needed to supply power to the Input/Output Module

Wiring And Power Connections

M4902 HARNESS

COM+
COM-
I/01
I/02
I/03
I/04
I/05
I/06
I/07
I/08
SHIELD

**M4301
M4311
M4321
M4331**

* +V
0V

+V
0V
COM+
COM-

**M4901 / M4906
RELAY ACCESSORY**

COM+
COM-
I/01
I/02
I/03
I/04
I/05
I/06
I/07
I/08
SHIELD

* The +V supply is needed to supply power to the Input/Output Module

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To Setup A Normally Open (N/O) Relay Output For I/O2

RLY 2 will be energized and the extrernal power connected to
the load when I/O2 is driven to +V by the 8 Input/Output module

* +V
0V

**M4902
HARNESS**

**M4301
M4311
M4321
M4331**

RLY 1   RLY 2

**M4901 / M4906
RELAY ACCESSORY**

N/O   N/C   COM

+

External Power

-

Suppressor

LOAD

* The +V supply is needed to supply power to the Input/Output Module

M4901 / M4906 SETUP

The indicator should be switched OFF before installing or removing this device.

The M4901 / M4906 relay accessory PCB provides eight independent sets of volt free relay contacts (com, N/O, & N/C).
This accessory PCB can be mounted on a standard DIN rail, or the PCB card can be removed from the enclosure and mounted using the mounting holes provided.
NOTE: If mains voltages are being switched this operation should be carried out by a qualified person.

M4901 / M4906 TROUBLESHOOTING

Problem	Possible solutions
No Relays working. Power LED not lit.	Check power supply (+V, 0V). Check input and power wiring.
No Relays working. Power LED lit..	Check source of inputs. Check input and power wiring.
Individual relay not working. Relay LED not lighting.	Check input wiring.
Individual relay not working. Relay LED lighting.	Check output wiring.