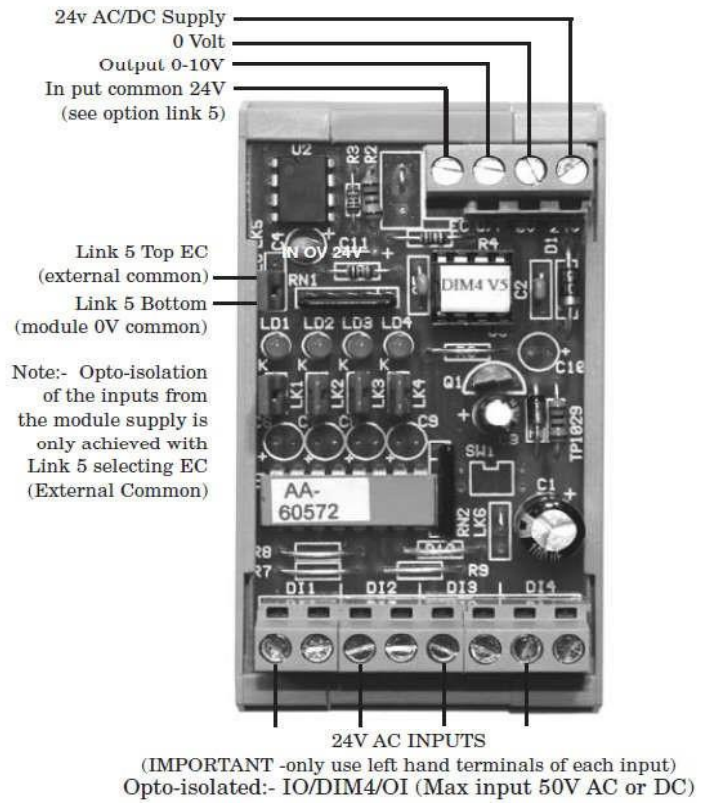
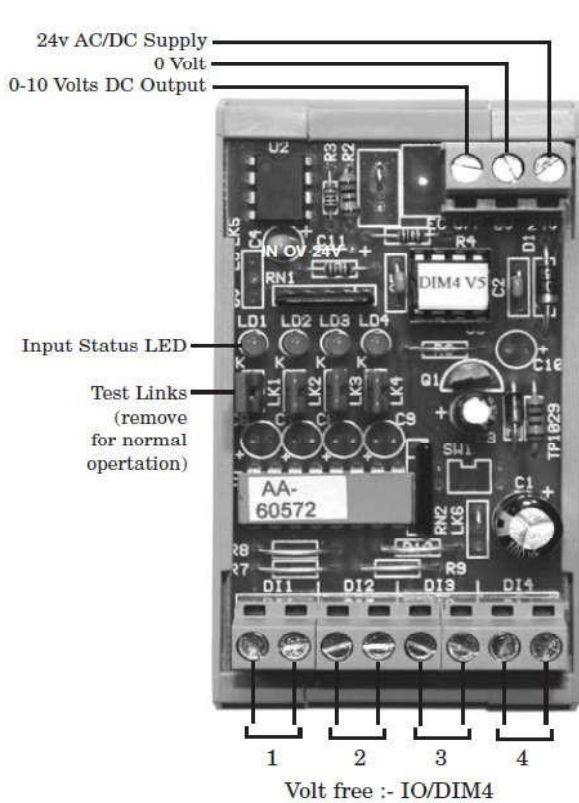


INPUT/OUTPUT MODULE:- DIM4 MULTIPLEXER



DESCRIPTION

For use with BMS or other controllers to expand the I/O capacity. The DIM4 multiplexer is microprocessor based and is designed to convert 4 separate digital input signals into a single analogue voltage output. Each combination of digital input signal is converted to an output voltage level which can be then used with a controller to read multiple status conditions.

The IO/DIM4/OI can accept 24V AC inputs and opto-isolate the inputs from the module supply and the 0-10V signal output. Opto-isolation is selected on Link 5. If isolation is not required and the application is using a common ground supply then Link 5 can select the module 0V for the operation of the 24V AC input signals.

FEATURES

- * AC or DC Supply
- * Expands controller input capacity
- * 4 x Digital Inputs
- * 0 to 10 Volt Output signal
- * LED status indication
- * Test Input Links
- * DIN rail mounting enclosure

SPECIFICATION

Inputs	4 x Digital Contacts				
Outputs	0-10 Volts DC rated at 5mA max				
Multiplex Format	Input Signal :-	1	2	3	4
	Output Voltage :-	4.8V	2.4V	1.2V	0.6V
		(add values in any combination)			
Power Supply	24V AC/DC \pm 10%				
Power Consumption	5mA + 0-10V output load				
LED indication	When input contacts closed				
Terminals	Max cable size 2.5mm				
Input Test	Link Jumpers				
Operating Temperature	-10 to +40°C				
Dimensions	82mm high				
	45mm wide				
	42mm deep				
Mounting	DIN Rail				

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