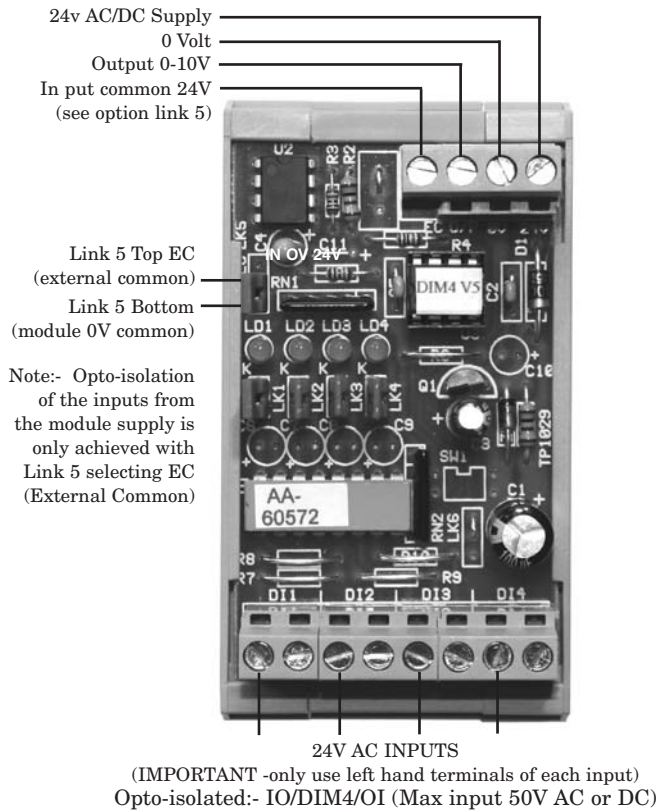
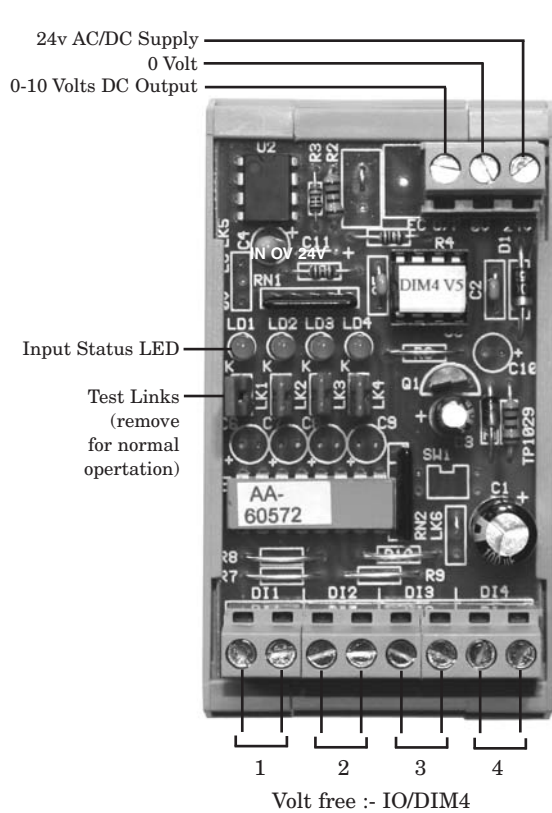


INPUT/OUTPUT MODULE:- DIM4 MULTIPLEXER



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



Measurement Devices for Control Systems

Titan Products Ltd.
Unit 7 Southside, Bredbury Park Industrial Estate, Bredbury,
Stockport SK6 2SP England.
Tel:- 0161 406 6480 Fax:- 0161 494 8309
E-mail :- admin@titanproducts.com
Website :- www.titanproducts.com

© Copyright Titan products Ltd. 2006