



Product Overview

The MVV-010 provides 3 buffered outputs from a variable voltage (0-10V) input signal. The module also includes an adjustable 4 to 10 volt reference output, factory set to 10V. This can be connected to an external potentiometer such as the -POT to provide a low cost 0-10V setpoint. The MVV-010 is supplied in a DIN carrier as standard suitable for mounting on TS35 section DIN rail.

The module features high quality rising clamp terminals for ease of connection.

Features

- '3 buffered voltage outputs
- 'Adjustable reference output (4-10Vdc)
- 'Provision for external potentiometer connection
- ' 24Vac/dc powered
- 'High quality rising clamp terminals
- 'DIN rail carrier as standard (TS35 DIN rail)

Product Specifications

Input Signal	0-10Vdc maximum (50k	O R D G L P S H G D Q F H
Output Signals 1, 2 and 3	As input, at 5mA maximum load	
Adjustable Reference	4-10Vdc at 5mA maximum load	
External Potentiometer	10k	D Q G D E R Y H
Supply Voltage	24Vac/dc (±15%)	
Power Consumption	34mA @24Vdc (0.85VA): 55mA @24Vac (1.3VA)	
Terminals	Rising clamp for 0.5-2.5mm ² cable	
Ambient Temperature Range	0°C to 50°C	
Dimensions	35(W) x 85(H) x 45(D) (Maximum)	
Weight	55gms	
Country of Origin	United Kingdom	

MVV-010

Voltage Splitter and Reference Module

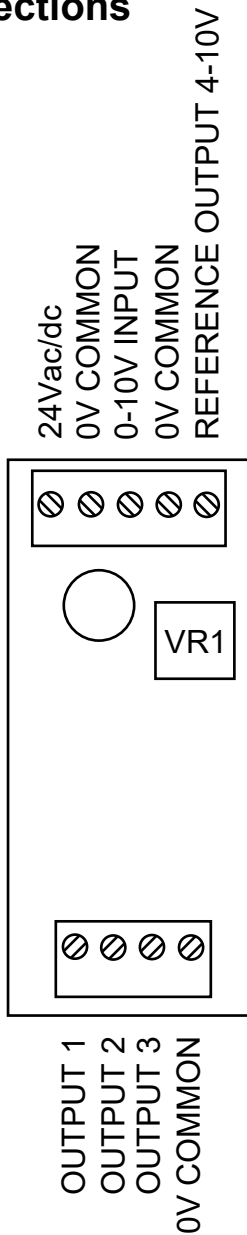
Installation

The MVV-010 should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment it is to be connected to and any local regulations. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to.

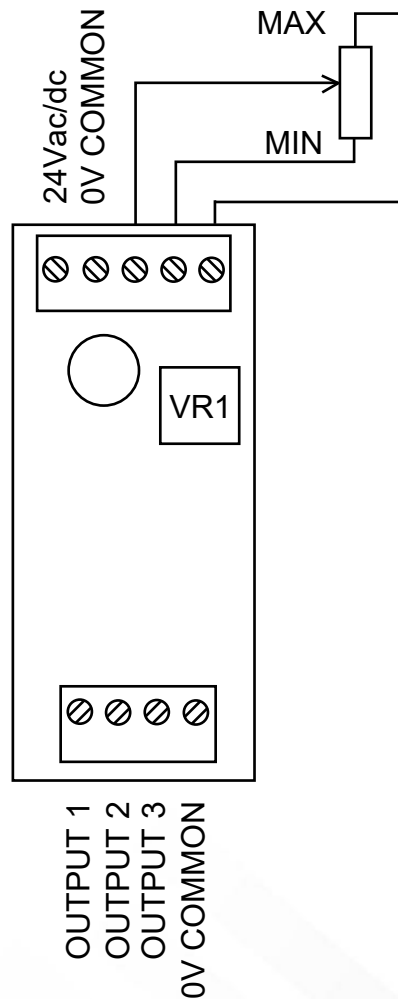
Adjusting Reference Output

The reference output is factory set at 10.0V, and is adjustable between 4 and 10V. Adjust VR1 to set the required reference output or connect an -POT for a panel mounted remote adjustable 0-10Vdc.

Connections



Example connection using an external potentiometer



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