

AX-REF-VI

Analogue Output Reference Unit - Hand Held

AXIO



Product overview

Perfect for commissioning and bench testing, AX-REF-VI provides 0-10Vdc and 0-20mA outputs in a switch selectable range. A 24Vac fused output is also provided from the unit for powering modules and some actuators. The package includes a 230Vac PSU that fits a standard UK plug.

The AX-REF-VI is a useful, versatile tool ideal for commissioning engineers, testers and system designers.

Features

- 0-10.0Vdc output in 1.0V steps
- 0.0-20.0mA output in 2.0mA step
- 24Vac fused output provided
- 230Vac plug top supply included

Product specifications

Supply Voltage	230Vac 50Hz (+/-15%)
Output 0-10Vdc	0 to 10.0V in 1.0V steps at 10mA maximum
	Accuracy at 10.0V ±1%
	Accuracy 1.0V-9.0V ±2%
Output 0-20mA	0.0 to 20mA in 2.0mA steps into 1kΩ maximum load
	Accuracy at 20mA ±1%
	Accuracy 2.0-18.0mA ±2%
Output 24Vac	24Vac fused internally at 500mA
Terminals	4mm binding posts
Ambient temperature range	Ambient temperature range
Dimensions	130(W) x 75(H) x 32(D) mm maximum (excluding power supply unit)
Housing	Moulded ABS
Weight	Reference Unit 140gms (+ Power supply unit 500gms)
Country of origin	United Kingdom

Order codes

AX-REF-VI Switched voltage / Current reference unit

Order Online at:

www.annicom.com

Email orders and enquiries to:

Sales@annicom.com

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Connection

The AX-REF-VI should only be used with the power supply provided. The unit and cable should not be cut, opened or modified in any way. Any modification will void the warranty.

The unit ships with three wires. A 'banana type' termination is on one end, with a bare, stripped wire on the other. The AX-REF-VI features 4mm terminal posts that can be screwed down to clamp wires, or accept this 'banana type' connector.

Ensure wires used to connect devices to the AX-REF-VI are suitable for the load and application.

The 24Vac output cannot exceed 500mA.

The plug top PSU connects to a standard UK plug.

Operation

The AX-REF-VI provides either a 0-10Vdc or a 4-20mA output in steps of 1Vdc/2mA. This is achieved by rotating the switch in the centre of the unit.

The 24Vac output is fused internally at 500mA. To replace the fuse, carefully remove the cover on the rear of the unit. Only replace with the same rating fuse. Annicom is able to supply appropriate fuses on request.

Both of the 0v Connections are internally connected, as such ground needs to be connected to one of these 0v connections.

To test accuracy a meter can be connected to the relevant outputs.

