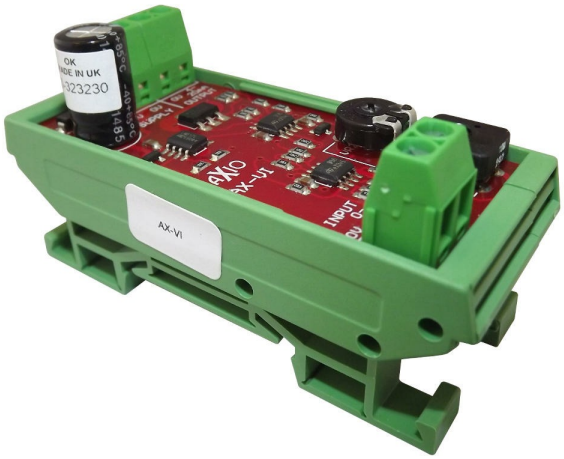
AX-VI

Voltage to Current Conversion Module



Product Overview

The AX-VI is designed to convert a 0-10Vdc input signal to a 4-20mA current output. The AX-VI is supplied in a DIN Rail carrier suitable for mounting on TS35 section DIN Rail and features high quality rising clamp terminals for ease of connection. The unit is powered by 24Vac/dc and can power a current loop signal.

Features

- 0-10Vdc input
- 4-20mA output
- 24Vac/dc powered
- High quality rising clamp terminals
- DIN rail mounting (TS35)

Product Specifications

Input Signal:	0-10Vdc
Output Signal:	4-20mA
Power Supply:	24Vac ±15% @ <70mA. 24Vdc +5/-10% @ <30mA
Input Load:	100Kohms (I. <0.1mA) approx
Output Load:	500R max
Terminals:	Rising clamp for 0.5-2.5mm² cable
Ambient Temp. Range:	0 to 50˚C
Dimensions:	34mm(W) x 82mm(H) x 43mm (approx.)
Weight:	40gms
Country of Origin:	United Kingdom

Order Codes

AX-VI	0-10Vdc to 4-20mA Conversion Module

Annicom Ltd
Unit 21, Highview, Bordon, Hampshire. GU35 0AX
Tel: +44 (0)1420 487788 Fax: +44 (0)1420 487799
Email: sales@annicom.com Website: www.annicom.com

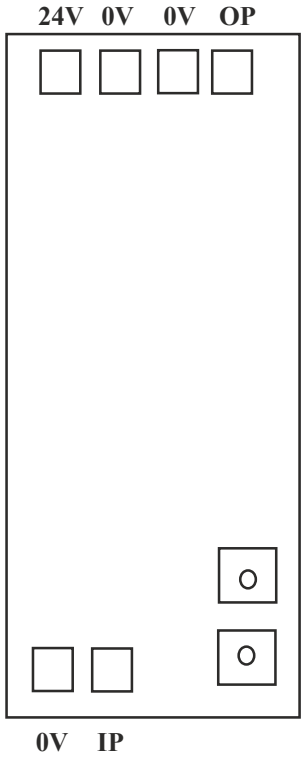
Installation & Configuration

INSTALLATION

The AX-VI should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment which it is to be connected to. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to using screened cable where necessary. Please note that these AX-VI modules are not suitable for use with mains voltage.

The AX-VI would typically be located within the controller section of a BMS control panel. The module can be snapped on to standard “top hat” profile DIN rail by levering the clip downwards to allow the unit to locate without the need for excessive force.

Electrical Connection



24V 24Vac/dc Power supply

0V Common / 0V

0V Common o/p

IP 0-10V i/p

0V i/p

Datasheet Contents

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