

AX-RM1A-12SP

Adjustable single relay module (12V)



Product overview

The Axio AX-RM1A-12SP module provides a SPCO relay output from a 0 to 10 volt input signal. Both the relay switch on and switch off points are adjustable using the on board potentiometers. The unit can be powered from either 12Vdc or 12Vac. The AX-RM1A-12SP 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.

Features

- 0-10V dc input
- SPCO relay output
- 12Vac/dc powered
- Relay LED indication
- High quality rising clamp terminals
- DIN rail carrier (TS35 DIN rail)

Product specifications

Supply voltage	12Vac or dc (+/-15%)
Supply current	50 mA dc / 110 mA ac maximum
Input	0-10 volts dc at 1 mA maximum
Setpoint preset	0.2 to 9.8 volts (Set on point)
Differential preset	0.1 to 9.7 volts (Set off point)
Output switching	250Vac at 10 amps (NO contact- Resistive)
Terminals	Rising clamp for 0.5-2.5mm ² cable
Ambient temperature range	0°C to 50°C
Dimensions	34(W) x 83(H) x 47(D) mm (Maximum)
Weight	45 grams
Country of origin	United Kingdom

Order codes

AX-RM1A-12SP Adjustable single relay module 12Vac/dc

Order online at:

www.annicom.com

Email orders and enquiries to:

sales@annicom.com

AX-RM1A-12SP

Adjustable single relay module (12V)



Installation

The AX-RM1A-12SP 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.

Operation and connections

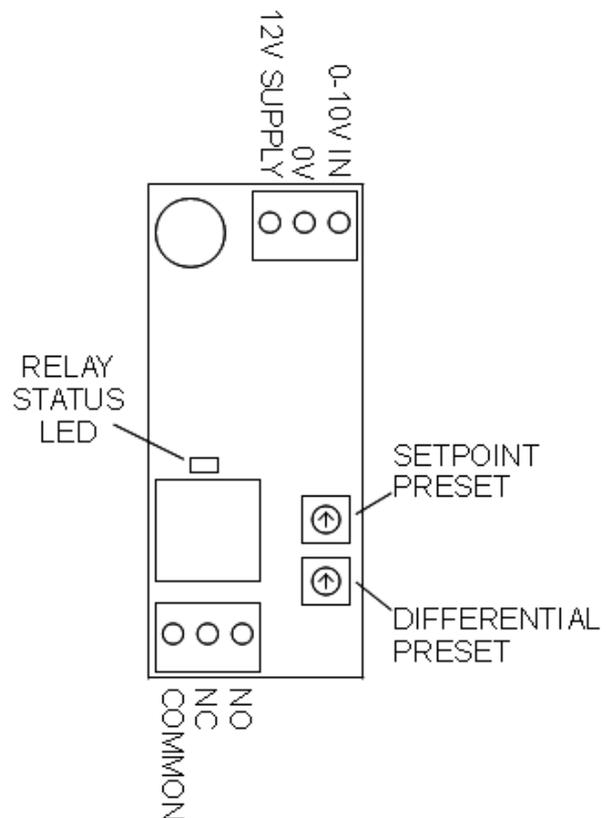
The setpoint preset sets the voltage at which the relay switches on. The settable range is 0.2 to 9.8 volts. The differential preset sets the voltage difference below the setpoint that the relay switches off at. The settable range is 0.1 to 9.7 volts.

If the differential is set higher than the setpoint then the differential value is ignored and the relay will switch off at 0.1 volts.

Examples

Setpoint = 7.5 volts
Differential = 4 volts
Relay switches on at 7.5 volts and above
Relay switches off at 3.5 volts and below

Setpoint = 5 volts
Differential = 8 volts
Relay switches on at 5 volts and above
Relay switches off at 0.1 volts and below



Every effort has been taken in the production of this datasheet to ensure accuracy. Annicom Ltd do not accept responsibility for any damage, expense, injury, loss or consequential loss resulting from any errors or omissions. Annicom Ltd has a policy of continuous improvement and reserves the right to change this specification without notice.

