



Product Overview

The AX-RIM135 and AX-RIM1K Modules enable an existing resistance signal to be monitored by a BMS Controller. These modules convert either a 0-135 Ω or a 1K Ω signal into a 0-10Vdc output. Both units are powered from 24Vac or 24Vdc, feature LED indication and are designed for mounting on TS35 section DIN Rail.

Features

- 135 Ω and 1K Ω versions
- 0-10Vdc output
- 24Vac/dc powered
- DIN Rail mounting (TS35)
- High quality rising clamp terminals
- LED Indication

Product specifications

Input Signal:	135 Ω and 1K Ω
Output:	0-10Vdc
Power Supply:	24Vac/dc
Terminals:	Rising clamp 0.5-2.5mm ²
LED Indication:	On when powered on
Ambient Temperature Range:	0 to 50°C
Dimensions:	47(W) x 92.5(H) x 47(L)mm (approx.)
Country of Origin:	United Kingdom

Order codes

AX-RIM135	135 Ω Resistance Input Module
AX-RIM1K	1K Ω Resistance Input Module

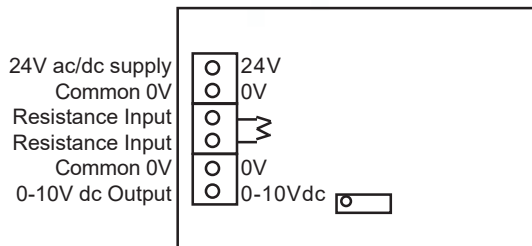
Configuration

The AX-RIM135 and AX-RIM1K are supplied pre-calibrated for either a 135 Ω or a 1K Ω resistance input signal, but onsite adjustment is possible using the multi-turn trimpot on the PCB.

The 0-10Vdc output signal will be in direct proportion to the resistance input such that for a AX-RIM1K there will be 10V output for a resistance input of 1K Ω and a 5Vdc output for a 500 Ω input resistance.

Connection

The diagram below shows the terminal designations for the AX-RIM.



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