

## ADM235 Multi Channel Signal Isolator

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input & output
- Supply voltage: 24Vdc  $\pm 2.5V$  only
- AMELEC Standard 10 year warranty

### Technical Specifications

#### Input

Up to 5 input current or voltage drive that can be terminated in a PI network to produce a 400mV span.

#### Output

Up to 5 Outputs available  
 Any standard process current or voltage  
 Current source up to 20mA @12V  
 Voltage source up to 10V @20mA max

#### Isolation

1000V RMS. Input/Outputs-Outputs/Supply  
 Accuracy/Linearity  $< \pm 0.1\%$

#### Dimensions

152w x 81h x 137d (mm)

#### Environmental Conditions

Storage Temperature: -40 to 70°C  
 Operating Ambient: -15 to 55°C  
 Relative Humidity: 5 – 95% RH

#### Input Load / Output Drive

#### Typical Input

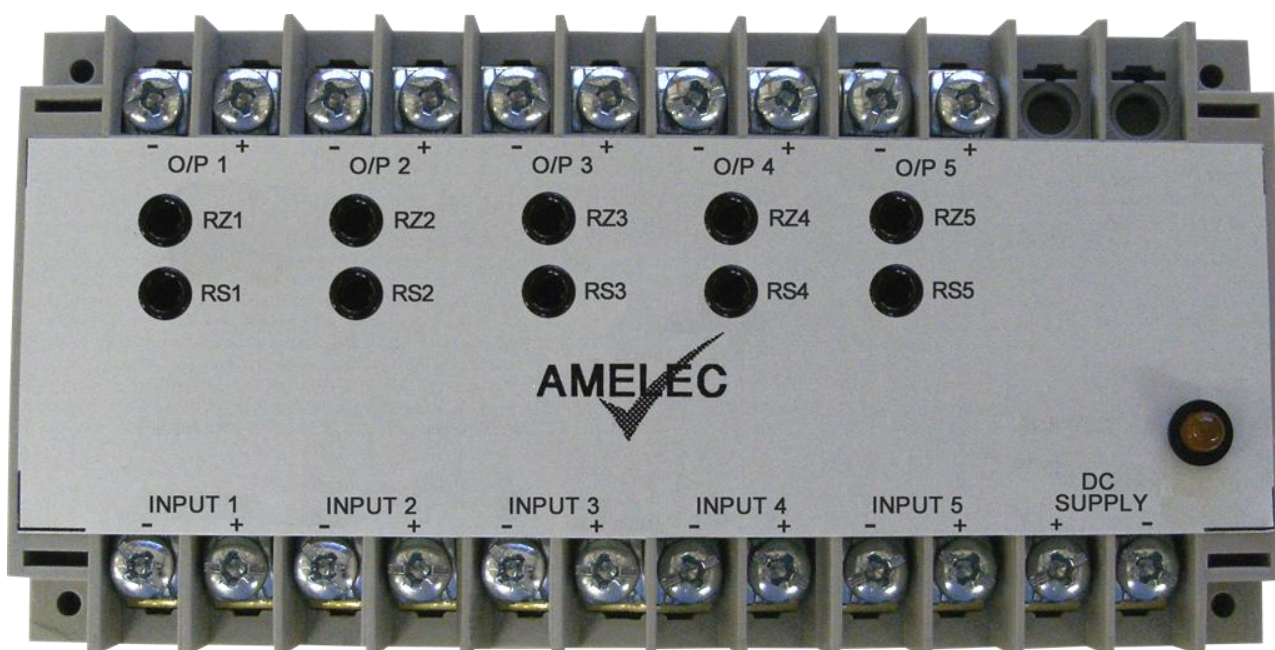
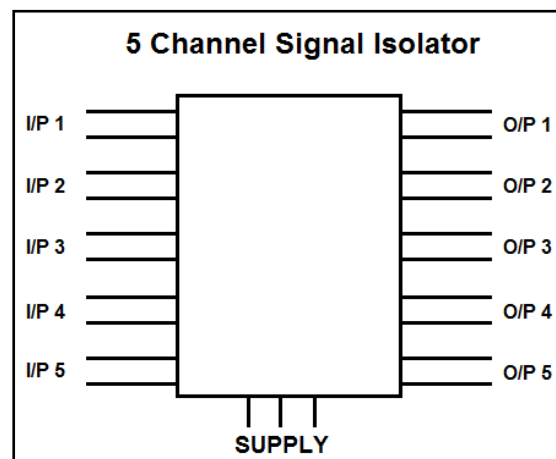
Current 4-20mA 20 $\Omega$   
 Voltage 1-5Vdc 1M $\Omega$

#### Typical Output

Current 4-20mA max load 500 $\Omega$   
 Voltage 1-5Vdc min load 250 $\Omega$

#### Note

In addition to having multi-channel devices, it is possible to incorporate a trip function within this enclosure.



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