

ADM231X-7 Multi Output Isolator

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input & output
- Supply voltage options: 24Vdc/48Vdc $\pm 10\%$
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Any current or voltage drive (DC) that can be terminated in a PI network to produce a 400mV span.

Output

Up to 7 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/Output(s)/Supply
Accuracy/Linearity $\leq \pm 0.1\%$

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 (Non-condensing)
EMC: 2014/30/EU, EN 61326-1:2013 (Controlled EM)

Input Load / Output Drive

Typical Input

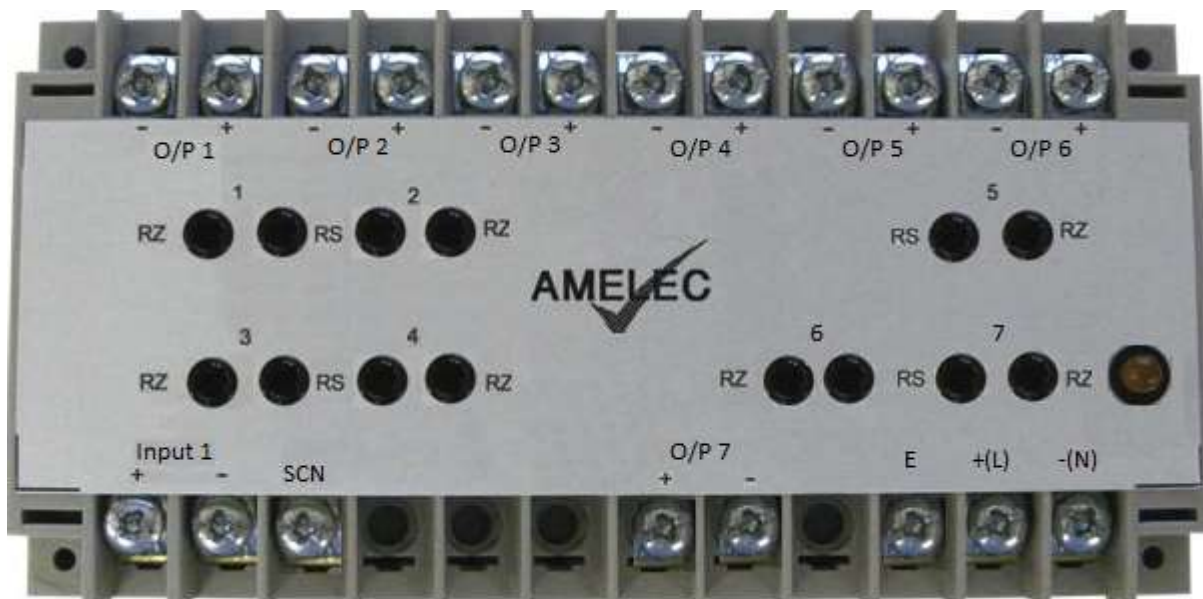
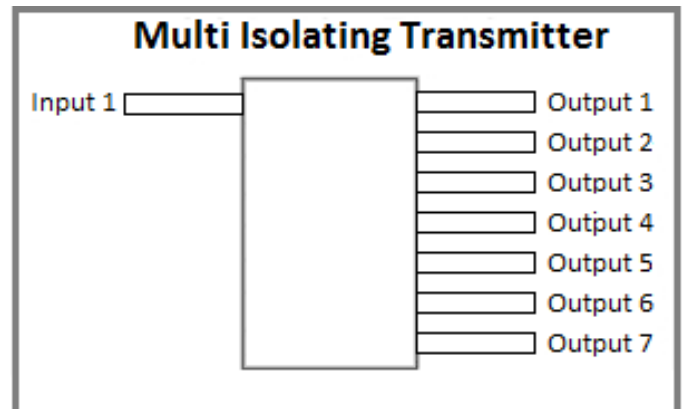
Current 4-20mA (Passive port, impedance 20 Ω)
Voltage 1-5Vdc (impedance 1M Ω)

Mounting

Din Rail (TS35)

Note

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



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