

ADC315 Two Input Multiplier / Divider Unit

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

Inputs

Any current or voltage drive that can be terminated in a PI network to produce a 400mV span mixed inputs acceptable.

Output

Any standard process current or voltage
Current source up to 20mA. Drive voltage 24Vdc.
Voltage source up to 10V. Max current 20mA.

Function

- a) $A \times B$
- b) A / B

Inputs & Outputs can be weighted to suit customer application.

Isolation

1000 RMS*. Input/Output/Supply/Earth
*(500Vdc if RFI option (K) is specified)
Linearity $< \pm 0.1\%$ of full span

Environmental Conditions

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

Typical Inputs

Current: 4 -20mA 20 ohms
Voltage: 1 – 5Vdc 1M ohm

Typical Output

Current: 4 – 20mA max load 1200Ω
Voltage 1 – 5 Vdc min load 250Ω

