

ADC375 Ramp Generation Unit

- Suitable for SIL 1, 2 & 3 applications
- Suitable for contact closure or voltage drive
- 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

A volt free contact closure/opening to either raise or lower how long the output takes to rise/fall from 0 to 100%. The inputs share a common 0v.

Output

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

Ramp Time

Factory set at 10/20 or 40 seconds

Isolation

1000V RMS. (Inputs+Output)/Supply
Number of steps 0 to 100% 256

Environmental Conditions

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

Input Load / Output Drive

Typical Inputs

Contact closures
Open collector output stages

Typical output

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

Dimensions

50w x 75h x 110d (mm)

