

ADP991K Single Channel Power Supply

 Suitable for SIL 1 & SIL 2 rated (IEC61508) safety system loop applications, 1001 architecture (HFT:0)

• Supply voltages: 115Vac ±20%

240Vac ±20% 24Vdc ±10% 48Vdc ±10% 110Vdc ±10%

• RFI Protection to IEC61000-4-3:2006/A2:2010

• AMELEC Standard 10 year warranty

Technical Specifications

Output

5, 10 and 24V with a nominal 20% adjustment Loads of up to 2Amps may be specified.

Typical Outputs

10Vdc @ 250mA

12Vdc @ 0.5A

24Vdc @ 250mA

24Vdc @ 0.5A

24Vdc @ 1A

Isolation

500Vdc. Output/Supply/Earth

Environmental Conditions

Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C
Relative Humidity: 5 – 95% RH
RF Immunity: 20MHz-3GHz/5.25GHz 10V/m,

(80MHz-1GHz/5.6GHz 30V/m, 889MHz-1.75GHz 40V/m)

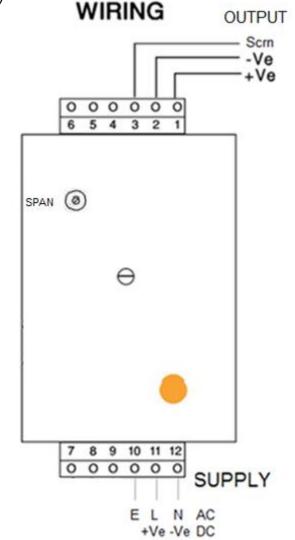
Mounting/Dimensions

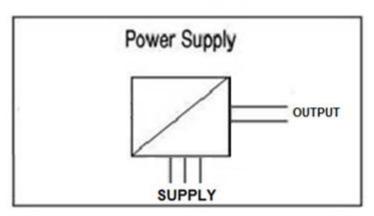
50w x 75h x 182d (mm) enclosure Din Rail (TS35) as standard

Surface/Seismic Keyhole plate option available (Seismic mounting plate Dims: 50w x 130h mm)

Customer Termination

Fixed screw terminals as standard (Plug-in terminals optional)





Tel: 01908-567003 Email: <u>sales@amelec-uk.com</u> Visit: <u>www.amelec-uk.com</u> Fax: 01908-566735 AMELEC Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ