

## ADP901-2 Dual Channel Loop Power Supply Unit

- Suitable for SIL 1 & SIL 2 rated (EN 61508-2) safety instrumented system (SIS) loop applications, 1oo1 architecture (HFT:0)
- Non-Smart/Non-uProcessor based, Type 'A' instrument
- Supply voltage options:
 

20Vac	±20%
115Vac	±20%
240Vac	±20%
24Vdc	±10%
48Vdc	±10%
- RFI Protection to EN 61000-4-3:2006/A2:2010 available with 'K' option (20-1000MHz, ≤ 30V/m)
- AMELEC Standard 10 year warranty

### Technical Specifications

#### Outputs

5V, 10V and 24Vdc options available, with a nominal 20% adjustment. Loads of up to 30mA  
(Other customised output options 'X' available on request)

#### Typical Application

Excitation of 2 wire DP cell's or field sensors

#### Protection

Isolation: 1000VRMS\* Output/Output/Supply/Earth  
\*(500Vdc if RFI protection option 'K' is specified)  
Internal Fuse

#### 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)  
(‘K’ option to highest Generic Industrial levels)  
Consumption: <3VA

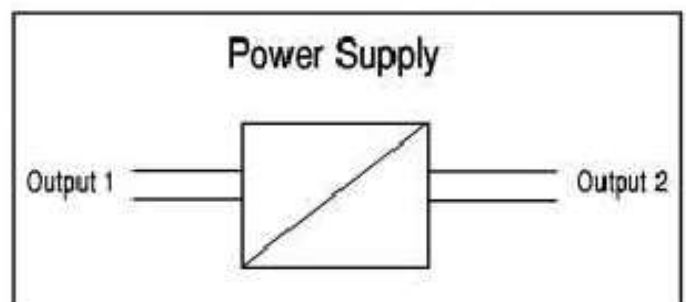
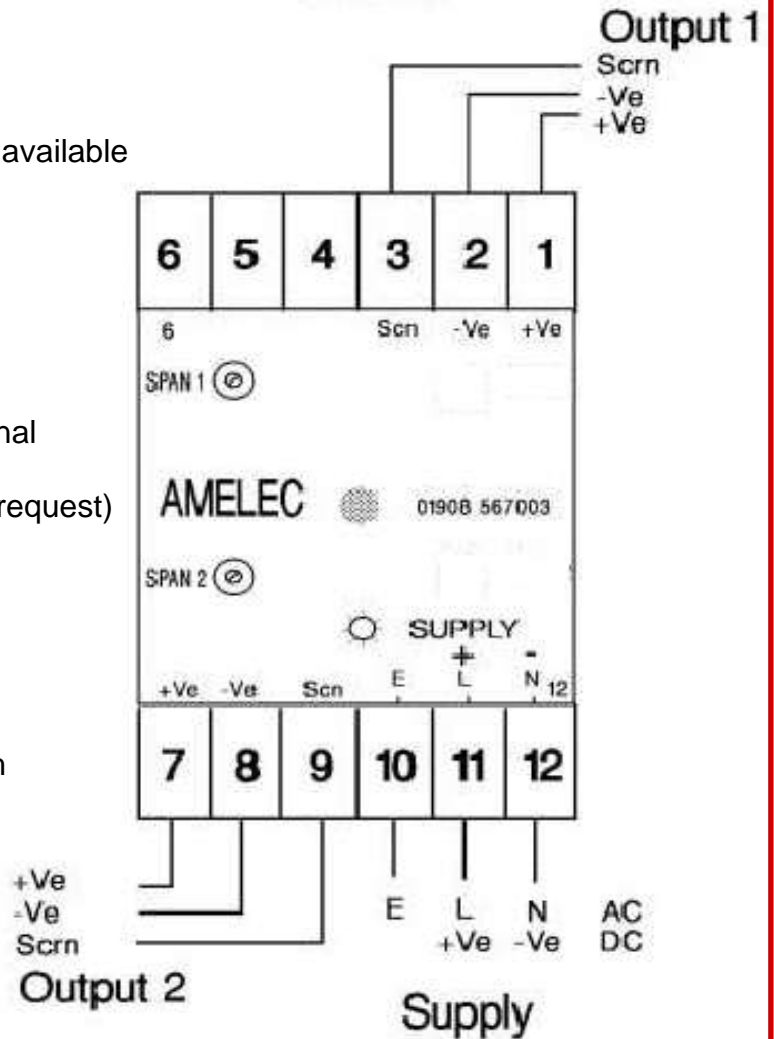
#### Dimensions

50w x 75h x 110d mm ('K' option = 182d mm)

#### Mounting

Either Din Rail (TS35) **or** Surface by corner fixing holes as standard  
(K' option Surface by rear Keyhole Plate: 50w x 130h mm)

### WIRING



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