

AHP901-2 Dual Channel Power Supply

- Suitable for the excitation of field transducers
- Supply voltage 21 to 30Vdc
- Amelec standard 10 year guarantee
- Suitable for SIL Level 1, 2, & 3 (IEC 61508-2)

TECHNICAL SPECIFICATION

FUNCTION

Power Supply module for field transducer excitation with Dual Output

OUTPUT

2X

12, 15 or 24V with a nominal 20% adjustment.

Loads up to 30mA per channel

CONTROLS

Spans: 15 turn potentiometer to calibrate each Output.

INDICATOR

Amber Led: power ON indicator

PERFORMANCE

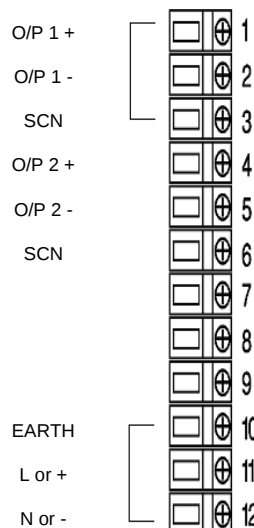
Response time: Typically < 400mS

Linearity : $\pm 0.1\%$

PROTECTION

Isolation 1000V RMS*. Output/Supply
*500VDC if RFI option (K) is specified.
Internal Fuse.
Fail safe on loss of power

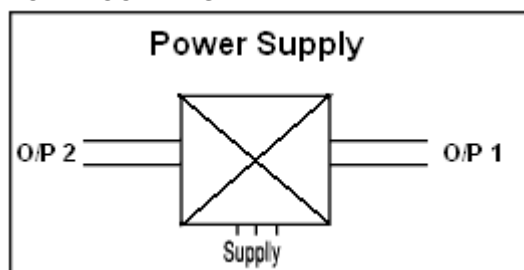
TERMINATION



FRONT VIEW



FUNCTION BLOCK DIAGRAM



ENVIROMENTAL CONDITION

Storage temperature: - 40 to +70 °C

Operating Ambient: -15 to +55 °C

Relative Humidity: 5 to 95% RH

MOUNTING / DIMENSION

Card 3U high 4E wide

Mounting 19" rack / 84E wide (See rack GA for details)

Card weight < 200g

ADD ON / OPTIONS

K: RFI protection to IEC801-3

Non standard Power supply ranges available