

APS901 series, power supplies

These units are available as single or double channel.

When double channel is specified, the two channels are totally isolated.

Each channel will operate in constant current or constant voltage mode.

Outputs are adjustable over the range 1-25V at up to 25mA: Normally by blindset potentiometer but optionally by single or ten turn calibrated dials.

A prolonged output short circuit will cause no damage to the unit.

Load variation, <0.2%. Supply variation, <0.1%.

Models available

Single channel	Double channel
APS901/1	APS901/2

WIRING

Single channel

	TB1
Output +	1
Output -	2
Screen	3

Double channel

	TB1
Output 1 +	1
Output 1 -	2
Screen	3

	TB2
Output 2 +	4
Output 2 -	5
Screen	6

Warranty and service

All Amelec products are guaranteed for ten years against faulty components or manufacture but not against misuse.

To claim under this warranty, equipment should be returned, carriage paid by the customer, to Amelec Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ, together with details of the fault.

Attempted repairs or component replacement during the warranty period may render the warranty null and void, unless authorised by Amelec.

Amelec will undertake any repairs and will also supply replacement printed circuit board assemblies on an exchange price basis. Please contact the Technical Sales Department for further details.

Where the reported fault is a site problem, Amelec will make their own technical staff available to offer assistance. This service will be charged to the customer at the rate currently in force.

Ordering

When ordering, please give the following details:-

1. Model number
2. Supply voltage and frequency
3. Mounting - Surface, Panel, Single end access or Rack
4. Input span, output span, offset and source
5. Open circuit response - If not specified, default is upscale for thermocouple, millivolt and resistance input units, downscale for process
6. Relay status and mode - If not specified, default is normally energised and single trips are set to Hi, double trips to Hi/Lo. LEDs are lit when relays are energised
7. Any options required
8. Information appropriate to any options ordered