

## POWER SUPPLIER PS1/19

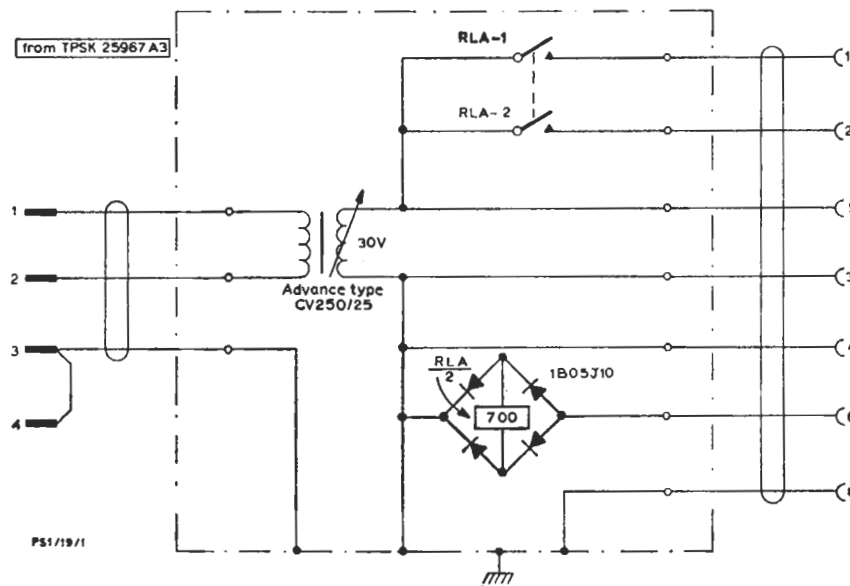


Fig. 1. Circuit of the PS1/19

The PS1/19, see Fig. 1, is basically a commercial 30-volt constant-voltage transformer. There are two versions of the supplier. One has a relay and a bridge-rectifier fitted inside the transformer case and connected so that the 30-volt output can be switched from a remote position. Input and output connections are made by means of a 4-pin Cannon plug and an 8-pin Cannon socket respectively. The other version is not fitted with the relay and rectifier and, on the 8-pin output socket, pins 1, 2 and 5, and also pins 3, 4 and 6, are connected together.

**General Specification**

Input	240 volts $\pm 15$ per cent, 50 Hz.
Output	30 volts $\pm 1$ per cent.; total harmonic distortion of the output waveform is 20 per cent.
Maximum load	250 watts.
Size	295 mm (11½ in.) long, 149 mm (6 in.) wide and 165 mm (6½ in.) high.
Weight	Approximately 12 kg (27 lb).

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