DPA-10-1-40: DC to 10MHz Pulse Distribution Amplifier

Key Features

- Input frequency 10 MHz sinewave.
- 80 x TTL differential outputs. 50:50 duty cycle.
- 40 outputs are 1 MHz squarewave derived from the 10 MHz input.
- 40 outputs are synchronized TTL pulses. Each output pulse is 1 µs wide and its rising edge is synchronized to the 1 MHz falling edge.
- Separate synchronization input. Accepts an asynchronous trigger pulse of arbitrary length (10 us to 1 second typical).
- The above synchronization can be changed to other edges (rising or falling).
- Alarm monitoring. All outputs have alarm monitoring. Indication by LEDS or rear panel DC outputs.
- Optional internal back-up oscillator. Automatically switched in, if external input fails.
- Optional Redundancy (two units with automatic switchover)
- Many other options and customized options.

General Description

The DPA-10-1-40 is a customer special pulse distribution amplifier. This brochure highlights Precision Test Systems design capability for special one-off projects.

Miscellaneous Information

The DPA-10-1-40 is a highly reliable unit. The DPA1-40 is housed in a fully screened 19" rack mount case and operates from a 100 to 240 VAC supply (usable 90 to 260 VAC). The DPA1-40 is CE marked for sale within the EEC.

Inside of Unit showing internal wiring

Precision Test Systems		
Head Office - UK	**South Africa**	**USA**
Precision Test Systems LTD The Studio, Whitehouse Farm New Hall Lane, Mundon Maldon, Essex, CM9 6PJ, UK Tel: +44 (0) 870 368 9608 Fax: +44 (0) 1245 330030 Email: uksales@ptsyst.com Web: www.ptsyst.com	Precision Test Systems cc Randburg Gauteng South Africa Fax: 08651 58198 Email: sasales@ptsyst.com Web: www.ptsyst.com	Precision Test Systems 14781 Memorial Drive, Suite # 981 Houston Texas, 77079, USA Tel: 1 888 876 4804 Fax: 1 832 201 6564 Email: usasales@ptsyst.com Web: www.ptsyst.com

Full specifications available from www.ptsyst.com. Specifications and features subject to change without notice (290212)