

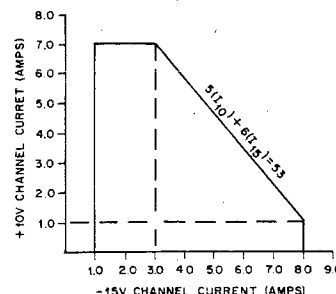
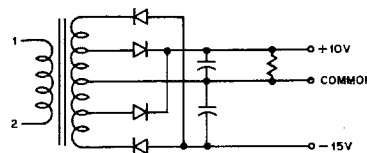
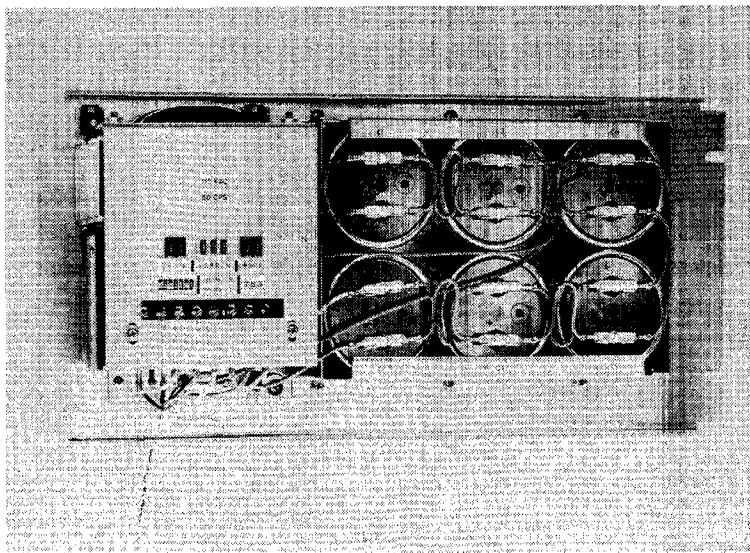
HARDWARE ACCESSORIES

POWER SUPPLIES

TYPES 783, 783A

+10, -15 VOLTS

DESIGNED FOR 19 INCH RACK MOUNTING



The Type 783 Power Supply (+10, -15 v) is a simple, rugged supply capable of withstanding wide line and load variation for general system use. The graph above shows the permissible region of operation when both outputs are used. When used singly, the 10-v output can supply 0 to 7.5 amp, or the 15-v output can supply 1.0 to 8.5 amp. It is designed for mounting in a standard 19-in. rack. The Type 783A is a 783 Power Supply with a 50-cps transformer.

ELECTRICAL CHARACTERISTICS

INPUT VOLTAGE: 783: 115 v, 60 cps. 783A: 112.5, 123.5, 195, 220, or 235 v, 50 cps. See "50 cps power"

OUTPUT VOLTAGE: +10 v, -15 vdc, floating.

OUTPUT CURRENT: 1) When only one output is loaded: +10 v: 0 to 7.5 amp, -15 v: 1.0 to 8.5 amp; 2) When both outputs are loaded: +10 v: 0 to 7.0 amp*, -15 v: 1.0 to 8.0 amp*. At least 1.0 amp must be drawn from the -15 v channel to assure proper load regulation.

LINE AND LOAD REGULATION: The output voltage remains between -14.5 and -16.5 v for the -15 v

output and within +9.5 and +11.5 v for the +10 v output, when load varies from minimum to maximum and line voltage varies from 105 to 125 vac.

P-P RIPPLE: Less than 0.7 v for +10 v output. Less than 0.5 v for -15 v output. (20% more ripple on the 50-cps type.)

LINE FREQUENCY TOLERANCE: $\pm 2\%$ of line frequency.

*The sum of the output currents is limited by the following equation: $5(I_{10}) + 6(I_{15}) = 53$

MECHANICAL CHARACTERISTICS

PANEL WIDTH: 19 in.

PANEL HEIGHT: $8\frac{3}{4}$ in.

DEPTH: $5\frac{3}{8}$ in.

FINISH: Chromicoat

POWER INPUT CONNECTION: Screw terminals on transformer.

OUTPUT POWER CONNECTION: Heyman tab terminals designed to mate with AMP "Faston" receptacles series 250, part #41774 or Type 9144 power jumpers.

783	— \$240.00
783A	— \$260.00