HVA-3B4
±3kV, 3W, 4 CHANNEL HIGH SPEED, HIGH VOLTAGE AMPLIFIER

- FEATURES
  - 4 Channels
  - Output ±3kV
  - DC bias function
  - Differential Output Mode
  - Monitor Outputs
  - Remote On / Off
  - High speed response 12V/μs
  - DC output voltage monitor (4½ digit DVM)
  - Limit Displays
  - CE compliant

HVA-3B4 is rack-mountable type, fast response high voltage amplifier. It provides high voltage outputs in reference to its input wave forms such as Sine, Triangle, Saw Tooth and Square Wave Forms.

- SPECIFICATIONS
  - Supply Voltage: 95 - 265 V AC , 50/60Hz, 1Ø
  - Output Voltage Range: -3 kV - +3 kV
  - Output Current Range: -1 mA - +1 mA
  - Output Control: External voltage control -10 - +10V (input impedance: 10kΩ), BNC plug
  - Gain: 300
  - Slew-Rate: ≥ 12 V/μs
  - DC bias: 10 turn potentiometer -3kV - +3kV
  - Regulation: Line ±0.05% (±10% line change)
  - Load 0.05% (10 - 100% load change)
  - Ripple: ≤ 1 V RMS
  - Digital Panel Meter: 4½ digit display [DC Output Voltage Monitor]
  - Voltage Monitor: -10 - +10V / -3 kV - +3 kV ±0.1% BNC plug
  - Protection: Protection against momentary Short Circuit, Arc discharge
  - Operating Temp.: 0°C - +40°C
  - Storage Temp.: -20°C - +60°C
  - Weight: 18 kg

- BLOCK DIAGRAM (2 CHANNELS SHOWN)