

DUAL SELECTABLE AC INPUT AC-DC 19" COMPATIBLE DOUBLE & EXTENDED EUROCARD 400 WATTS MULTIPLE OUTPUT SWITCHING MODE POWER SUPPLIES HSU393 SERIES



FEATURES:

- DUAL INPUT RANGE USER SELECTABLE
- 19" COMPATIBLE EUROCARD FORMAT
- DUAL CONVERTER ARCHITECTURE FOR HEPTAD OUTPUT
- MEET THE SAFETY STANDARDS
- EMI MEET CISPR PUB. 22 & FCC CLASS A
- CE MARKING COMPLIANCE
- 6U X 12HP X 280MM DOUBLE EUROCARD FOR EXTENDED MULTibus

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: 115Vac/230Vac dual selectable.
Input Connector: DIN 41612 at rear or IEC320 AC receptacle for HSU393-J.
Input Frequency: 47-63Hz
Inrush Current: Typ. 40A @230Vac.
Input Current: Typ. 6.0A@115Vac/2.5A@230Vac.
Dielectric Withstand: Meet IEC950.
EMI: Meet CISPR PUB. 22 & FCC Class A.
Power Fail Signal: Installed.
Remote (Logic) Inhibit: Available.
Hold-up Time: Typ. 6-8mS @115Vac/10-12mS@230Vac.
Earth leakage: Typ. 0.3mA @230Vac.
Overload Protection (OLP): Fully protected against output overload and short circuit. Consult the factory for OLP setting.

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.
Output Current: See Ratings Chart.
Output Wattage: Typ. 400 Watts continuous.
Output Connection: DIN 41612 at rear.
Line Regulation: Typ. 0.1%.
Load Regulation:

HSU393-Q:	HSU393-J
Main VO1 typ. $\pm 1-2.0\%$	Main VO1 typ. $\pm 1-2.0\%$
Aux. VO2 typ. $\pm 2.0\%$ (MA)	Aux. VO2 typ. $\pm 2.0\%$ (MA)
Aux. VO3 typ. $\pm 2.0\%$ (MA)	Main VO3 typ. $\pm 1-2.0\%$
Aux. VO4 typ. $\pm 3.0\%$ (PR)	Aux. VO4 typ. $\pm 2.0\%$ (MA)
	Aux. VO5 typ. $\pm 2.0\%$ (MA)
	Aux. VO6 typ. $\pm 3.0\%$ (PR)
	Aux. VO7 typ. $\pm 3.0\%$ (PR)

Noise & Ripple: Typ. 1% peak to peak.
OVP: Built-in at main VO1 (latch).
Adjustability: Available at main output VO1 and Aux. output VO2 (Mag. Amp.).
Remote Sense: Installed at main VO1.
Output LED Indicator: Installed.

GENERAL SPECIFICATION

Efficiency: Typ. 74-77.0%.
Switching Frequency: Typ. 65-70K Hz.
Circuit Topology: Forward circuit.
Transient Response: Typ. 3mS following a 25% load change.
Safety Standard: IEC950/UL1950 Class I.
Power Density: 1.46 Watt / Cubic Inch.
Operating Temperature: 0 to +50°C at full load. Derates linearly to +70°C at half load.
Storage Temperature: -20 to +85°C.
Temperature Coefficient: Typ. 0.04%/°C.
Cooling: Forced air flow is recommended for Ta > +50°C full load operation.
Construction format: 12HP(TE)x6Ux280mm. 19" compatible double Eurocard & extended MULTibus format.

Note: All measurements are at nominal input, full load, and +25°C unless otherwise specified.

