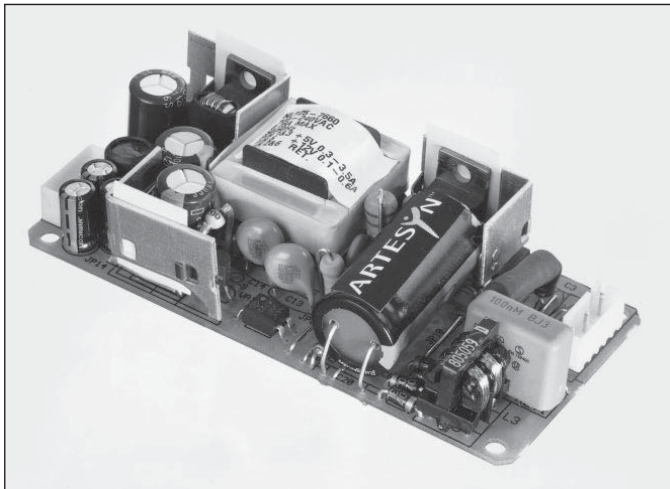


NLP25 SERIES

AC/DC Multi Output: 25 Watts



Features

- 85 - 264VAC universal input range
- Compact open frame: 102 x 53 mm
- UL, CSA, VDE and IEC safety approvals
- EN55022 level B conducted noise
- EN55022 level A radiated noise
- CE marked to LVD
- Meets all relevant immunity standards EN61000-4
- Open frame PCB construction
- Single and multi output models
- Suitable for computer peripherals, ATM, networking systems and for similar OEM operations

Specifications

INPUT VOLTAGE:	90 - 264VAC
FREQUENCY:	47 - 440Hz
INPUT CURRENT:	0.75A @ 120VAC, 0.35A @ 230VAC
EFFICIENCY:	Model dependent, typically 72%
VOLTAGE ADJUSTMENT:	Output voltages are fixed, factory set
OUTPUT POWER:	25W natural convection cooling
TOTAL REGULATION: (Line & Load)	Main output: V1 $\pm 2.0\%$ Auxiliary outputs: $\pm 5.0\%$
RISE TIME:	At turn on 1.0 second maximum
TEMP. CO-EFFICIENT:	$\pm 0.02\%$ per $^{\circ}\text{C}$
OV:	Main output only set at approx. 115 - 145%
SHORT CIRCUIT PROTECT:	Yes with auto recovery
MINIMUM LOAD:	Minimum load required on some models, refer to table
EMC:	EN55022 level A radiated noise EN55022 Level B conducted noise EN61000-4-2 level 3 ESD EN61000-4-4 level 3 electrical fast bursts EN61000-4-5 level 3 surge susceptibility ENV50140 level 3 RF susceptibility EN50141 level 3 RF conducted disturbance
RIPPLE & NOISE:	Typically 1% pk-pk measured over a 50MHz bandwidth with 47uF capacitor
HOLD UP TIME:	5ms at 120VAC
ISOLATION:	Input - output: 3000VAC Input - chassis: 1500VAC Output - chassis: 500VDC
SWITCHING FREQUENCY:	60kHz $\pm 10\%$
SAFETY:	EN60950, UL1950, IEC950 CSA approved
OPERATING TEMP:	0 $^{\circ}\text{C}$ to 50 $^{\circ}\text{C}$
HUMIDITY:	5% - 95% RH non-condensing
ALTITUDE:	Operating 10,000 feet maximum
MTBF:	150,000 hrs per MIL-HDBK-217E
DIMENSIONS:	102 x 53 x 25mm open frame
WEIGHT:	115g
CONNECTORS:	Input J1: mating connector JST type XHP-5 Output J2: mating connector JST type XHP-5

MODEL	Output V1	Output V2	Output V3
NLP25 - 7608	+5V 0.2 - 2A	+12V 0.1- 0.8A	-12V 0 - 0.1A
NLP25 - 7629	+5V 0.2 - 2A	+12V 0.1- 0.8A	
NLP25 - 7605	+5V 5.0A		
NLP25 - 7612	+12V 2.08A		
NLP25 - 7624	+24V 1.04A		
NLP25 - 7617	+48V 0.52A		

Notes:

1. Maximum power 20W, convection cooled multi output models, 25W single output models.
2. Minimum load of required on multi output models to meet design, MTBF and regulation specifications.

