

■ DATASHEET: LP411205



■ INPUT

Input rated voltage (2xVac)	115 – 230Vac
Rated voltage range (115/230)	90 - 264Vac
Frequency	47 – 63Hz ± 6%
Input current (115Vac – 230Vac)	1 – 0,7A
Inrush current (Vn – In)	≤ 7A ≤ 5msec.
Internal fuse	T 4A
External fuse (recommended)	6A (MCB curve B)

■ OUTPUT

Output voltage (Vn) (factory setting)	12Vdc
Adjustment range (Vadj)	10 – 15,5Vdc
Start up with capacity load (max.)	≤ 50.000µF
Continuous current at 24V < 40°C	4A (115) 6A (230)
Continuous current at 24V < 50°C	3A (115) 5A (230)
Continuous current at 24V < 60°C	2A (115) 3A (230)
Max. current	In @50°C x 1,8-2,2
Residual ripple	≤ 80m Vpp
Efficiency	≥ 88%
Holdup time	typ. 20msec.
Over temperature protection	YES. Shut down and automatic restart
Overload protection	YES
Over voltage protection	YES
Short-circuit protection	YES Continuous Mode
Parallel connection	YES

■ CLIMATIC DATA

Ambient temperature (operation)	-25 - +70°C (>50°derating 2,5%°C)
Ambient temperature (storage)	-40 - +85°C
Humidity; no moisture condensation	95% to 25°C

GENERAL DATA

Isolation Voltage (Input/Output)	3000Vac
Isolation Voltage (Input / PE)	1605Vac
Isolation voltage (Output/PE)	500Vac
Electrical safety	EN60950 / EN50178 / IEC60950 / SELV EN60950-1 / PELV EN 60204-1
EMC Standards	Immunity: EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-6-2 Emission: EN61000-6-4
Standards conformity	EN60204-1 (safety of electrical equipment machines)
Degree of protection	IP 20
Protection class	I with PE connected
Reliability: MTBF IEC61709	>500.000h
dimension (w-h-d)	50 x 120 x 50
weight	~0,3kg

acc. to EMC 89/336/EEC and EMC 93/68/EEC
low voltage directive 2006/95



CABLE CONNECTION

	Solid (mm ²)	Stranded (mm ²)	AWG	Torque (Nm)	Stripping Length
Input:	0.2 – 2.5	0.2 – 2.5	24 – 14	0.5 – 0.6 Nm	7 mm
Output:	0.2 – 2.5	0.2 – 2.5	24 – 14	0.5 – 0.6 Nm	7 mm
Signal:	0.2 – 2.5	0.2 – 2.5	24 – 14	0.5 – 0.6 Nm	7 mm

DIMENSIONS

