Linearly Regulated Power Supply 19"/3U 24W

Single Output C 12.2

Ordering Information

Type	Output ( ) Power Boost	Input Voltage *	Installation Width	Article No. *1
C 12.2	O1 = 12V ; 2A	230 Vac	10HP/3U	**101-008-02**

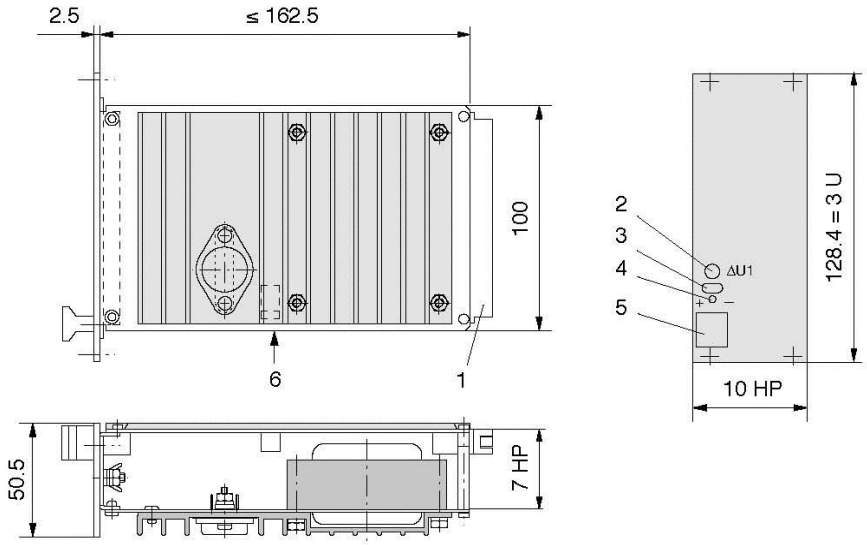
* Range alterable with jumpers (caution: fuse change)

*1 Front panel: front side anodized, backside chromatized

Dimensions in mm

1 = connector
2 = potentiometer
3 = test socket
4 = LED, green
5 = grip
6 = primary fuse

1 HP = 5.08mm



Connector Pin Assignment H11

Free pins may not be connected external!

	Pin
- Output	8
+ Output	14
- Sense Lead	17
+ Sense Lead	20
Live L1	26
Neutral N	29
Earth PE	32
	leading

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EMC + Safety tested

Technical Data

Guaranteed values after a warm-up period of approx. 15 min. at nominal load, measured at the unit`s output.

Output		**O1**			
Output Voltage	[Vdc]	**12**			
Adjustment Range (±)	[V]	1			
Output Current Nominal	[A]	2			
Current Limiting Characteristic Curve	[A]	2.4 fold back			
Type of Regulation		linearly regulated			
Efficiency	[%]	≥ 50			
Voltage Deviation for Load Change 0... 100% (static) Mains Voltage Change Vin min-Vin max	 [mV] [mV]	 ≤ 15 ≤ 15			
Residual Ripple (100Hz)	[mVpp]	≤ 10			
Dynamic Voltage Deviation for ΔIo = 10... 90% Inom	[mV]	≤ 100			
Regulation Time for ΔIo = 10... 90% Inom	[µs]	≤ 100			
Starting Delay	[ms]	≤ 150			
Sense Lead Operation (load line compensation)	[V]	max. 0.25 per load line			
Overload Protection		continuous short-circuit-proof			
Temperature Coefficient	[ppm/K]	≤ 200			
Input Voltage Nominal	[Vac]	**115**		**230**	
Operating Range (alterable by jumpers)	[Vac]	±10%	≈ 103-127	±10%	≈ 207-253
Frequency	[Hz]	50-400 ±10%	≈ 45-440	50-400 ±10%	≈ 45-440
Max. Input Current (nominal range)	[A]	0.6		0.3	
Starting Inrush Current Worst Case $\int i^2 dt$; I_p	 [$A^2 s$] ; [A]	 ≤ 0.03 ; ≤ 6		 ≤ 0.01 ; ≤ 3	
Unit Fuse (primary, internal)	[A]	T 0.63		T 0.315	
Operating Temperature Range (measured 1cm from the heat sink)	[°C]	-25 ... +70, without derating			
Storage Temperature Range	[°C]	-40 ... +85			
Weight approx.	[kg]	1.5			

For definitions, informations about electrical safety, EMC and mechanical stressability see description.