

Emparro 20-100-240/24 available 28.02.2013

OUTPUT: 22...28 V DC

INPUT: 85...265 V AC/90...250 V DC

Current: 20 A

Image



- stable output voltage, short-circuit and overload protected
- Wide voltage input
- Protection IP20

Vicarious picture

Input

Voltage range	85...265 V AC/90...250 V DC
Input current	5.2 A (100 V AC); 2.2 A (240 V AC)
Inrush current after 1 ms	max. 13 A (230 V AC)
Power factor	0.94 (230 V AC)
External fuse	max. 20 A (T)
Frequency	50/60 Hz

Output

Output voltage	24 V DC (SELV), $\pm 1\%$; 24...28 V adjustable
Powerboost	+50 % (min. 4 sec.)
Constant current	23.6 A
Hold up time	min. 20 ms (230 V AC); 20 A (24 V DC)
Ripple	max. 50 mV rms
Short-circuit and overload protection	yes
Spikes	max. 200 mV p-p
LED display	LED (green): OK; LED (red): overload, overheating or short-circuit; LED (red): blinking, overheating or short-circuit
Parallel usage/serial usage	max.5 units

General data

Standards	
Temperature range	-25...+60 °C (storage temperature -40...+85 °C)
Relative humidity	5...95 %, no condensation
Mounting method	DIN-rail mountable TH35 (EN 60715)
Efficiency	93.8 % (230 V AC)

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 11/12

Dimension drawing

