

**Emparro 20-100-240/24**

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

OUTPUT: 24...28 V DC

Current: 20 A

**Image**

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

Vicarious picture

**Input**

Input voltage	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. 23 A (230 V AC)
Power factor	0.96 (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	+150 % (min. 4 sec.)
Constant current	20 A
Mains failure bridging time	min. 30 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
Parallel usage/serial usage	max. 5 units/max. 2 units

**General data**

Standards	(EN 60950-1), (EN 61204-3), (EN 55011 B), (EN 61000-3-2)
Relative humidity	5...95 %, no condensation
Efficiency	93.8 % (230 V AC)
Temperature range	-25...+60 °C (storage temperature -40...+85 °C)
Mounting method	DIN-rail mountable TH35 (EN 60715)

**Commercial data**

Net weight	1256
Weight unit	gram
Basic unit	pc.
Customs tariff number	85044090
Unit (piece)	1
Minimum order quantity (piece)	1

**Functions**

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 08/13

Dimension drawing

