

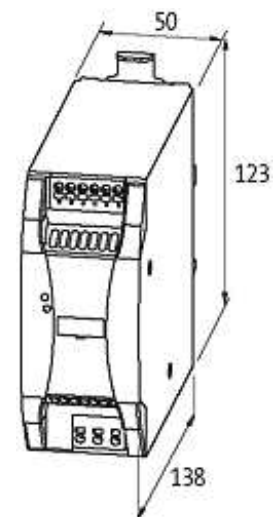
**EMPARRO POWER SUPPLY 1-PHASE,**

IN: 100-240VAC OUT: 48-56VDC/2,5A

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

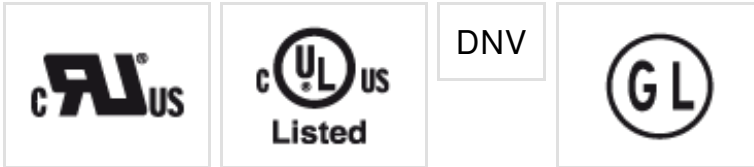
OUTPUT: 48...56 V DC

Current: 2.5 A

[Link to Product](#)**Illustration**

Product may differ from Image

**Approvals**



### Input

|                           |                                    |
|---------------------------|------------------------------------|
| Input voltage             | 85...265 V AC/90...250 V DC        |
| Input current             | 1.2 A (100 V AC); 0.6 A (240 V AC) |
| Inrush current after 1 ms | max. 3.5 A (230 V AC)              |
| Power factor              | 0.87 (230 V AC)                    |
| Primary fusing external   | max. 20 A (T), cable protection    |
| Frequency                 | 50...60 Hz                         |

### General data

|                      |   |
|----------------------|---|
| Standards            | EN 60950-1, EN 61204-3, EN 55011 B, EN 61000-3-2, SEMI F47          |
| Relative humidity    | 5...95 %, no condensation   |
| Efficiency           | 93.7 % (48 V DC/1.88 A)   |
| Dimensions H × W × D | 123×50×138 mm   |
| Mounting method      | DIN-rail mountable TH35 (EN 60715)                                  |
| Temperature range    | -25...+60 °C, ...+70 °C derating (storage temperature -40...+80 °C) |

### Output

|                             |  |
|-----------------------------|--|
| Output voltage              | 48 V DC (SELV), ±1 %; 48...56 V adjustable                         |
| Power Boost                 | lout N × 150 % (min. 4 s)  |
| Output current              | 2.5 A  |
| Mains failure bridging time | min. 30 ms (100 V AC); 2.5 A (48 V DC)                             |
| Ripple                      | max. 50 mVrms  |
| Spikes                      | max. 200 mV p-p  |
| Unit protection             | short-circuit and overload protected                               |
| LED display                 | LED (green): OK; LED (red): overload, overheating or short-circuit |
| Parallel usage/serial usage | max. 5 units/max. 2 units  |

### Commercial data

|                        |          |
|------------------------|----------|
| country of origin      | CZ       |
| customs tariff number  | 85044090 |
| minimum order quantity | 1        |