

**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)                    |
| Frequency                 | 50...60 Hz                         |
| Input fuse (internal)     | 6.3 A (T)                          |

**Output**

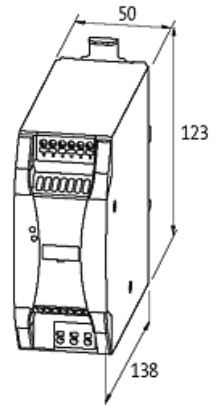
|                             |  |
|-----------------------------|--|
| Output voltage              | 48 V DC (SELV), $\pm 1\%$ ; 48...56 V adjustable                   |
| Power Boost                 | I <sub>out</sub> N $\times$ 150% (min. 4 s)                        |
| Output current              | 2.5 A  |
| Mains failure bridging time | min. 30 ms (100 V AC); 2.5 A (48 V DC)                             |
| Ripple                      | max. 50 mV eff/rms   |
| Spikes                      | max. 200 mV ss/pp  |
| 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  |

**General data**

|                   |   |
|-------------------|---|
| Standards         | EN 60950-1, EN 61204-3, EN 55011 B, EN 61000-3-2, SEMI F47          |
| Relative humidity | 5...95%, no condensation  |
| Protection        | IP20  |
| Efficiency        | 92.8% (110 V AC); 94.6 % (230 V AC)                                 |
| Dimensions H×W×D  | 123×50×138 mm   |
| Connection        | Push-In spring clamp terminals                                      |
| Mounting method   | DIN-rail mountable TH35 (EN 60715)                                  |
| Temperature range | -40...+60 °C, ...+70 °C derating (storage temperature -40...+80 °C) |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85044090      |
| EAN                   | 4048879402675 |
| eClass                | 27049002      |
| Packaging unit        | 1             |

**Sketch**

Product may differ from Image