## Emparro 10-100-240/48 S

Screw mounting

Art.No.: 85724
Weight: 1,265 kg
Country of origin: CZ
Model designation: Emparro 10-100-240/48 S

INPUT: 85...265 V AC/90...250 V DC
OUTPUT: 48...56 V DC
Current: 10 A

## Link to Product

### Illustration



Product may differ from Image

### Commercial data

| | |
|---|---|
| URL Webshop | https://shop.murrelektronik.com/85724 |
| GTIN | 4048879670364 |
| EU-Customs tariff number | 85044095 |
| US-Customs tariff number | 8504409580 |
| ECLASS-6.0 | 27049002 |
| ECLASS-6.1 | 27049002 |
| ECLASS-7.0 | 27049002 |
| ECLASS-7.1 | 27049002 |
| ECLASS-8.0 | 27049002 |
| ECLASS-8.1 | 27049002 |
| ECLASS-9.0 | 27040701 |
| ECLASS-9.1 | 27040701 |
| ECLASS-10.0.1 | 27040701 |
| ECLASS-10.1 | 27040701 |
| ECLASS-11.0 | 27040701 |
| ECLASS-11.1 | 27040701 |
| ECLASS-12.0 | 27040701 |
| ECLASS-13.0 | 27040701 |

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|---|---|
| ECLASS-14.0 | 27040701 |
| ETIM-5.0 | EC002540 |
| ETIM-6.0 | EC002540 |
| ETIM-7.0 | EC002540 |
| ETIM-8.0 | EC002540 |
| ETIM-9.0 | EC002540 |
| ETIM-10.0 | EC002540 |
| customs tariff number | 85044095 |
| EAN | 4048879670364 |
| Packaging unit | 1 |
| **Electrical data** | |
| Parallel connection | Yes |
| Number of devices parallel connection max. | 5 |
| Series connection | Yes |
| Number of devices series connection max. | 2 |
| **Electrical data \| Supply** | |
| Protective measure | SELV |
| Power frequency | 50 ... 60 Hz |
| **Electrical data \| Input** | |
| Input voltage AC min. | 85 V |
| Input voltage AC max. | 265 V |
| Nominal input voltage AC | 100 V … 240 V |
| Input voltage DC min. | 90 V |
| Input voltage DC max. | 250 V |
| Nominal current AC | 5.1 A @ 100 V,2.4 A @ 240 V |
| Inrush current max. | 11 A @ 230 V |
| Power factor | 230 V AC |
| Efficiency | 95 % |
| Characteristic back-up fuse | Inertia |
| Fuse protection primary side internal | 10 A |
| **Electrical data \| Output** | |
| Output voltage adjustable | Yes |
| Output voltage DC | 48 V |
| Output voltage DC min. | 48 V |
| Output voltage DC max. | 56 V |
| Output current | 10 A |
| Mains failure bridging min. | 30 ms @ 100 V AC |
| Power Boost | 150 % |
| Duration Power Boost min. | 4 s |
| Spikes (s-s) max. | 200 mV |
| Ripple effective max. | 50 mV |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP20 |
| Overload protection output | Yes |
| Short-circuit protection output | Yes |
| **Mechanical data \| Mounting data** | |
| Height | 123 mm |
| Width | 85 mm |
| Depth | 138 mm |
| Suitable for mounting type | 4 hole screw mounting |
| **Environmental characteristics \| Electromagnetic compatibility** | |

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|---|---|
| Interference emission | EN IEC 55011, IEC 61000-3-2 |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | -40 °C |
| Operating temperature max. | 60 °C |
| Ambient temperature (storage, transport) | -40 °C … 80 °C |
| Relative humidity (operation) | 5 % … 95 % |
| Additional condition relative humidity | no condensation |
| **Conformity** | |
| Product standard | EN IEC 61010-2-201, EN 61204-3 |
| **Approvals** | |
| SEMI F47 | compliant |
| **Connection type 3-3** | |
| Connection type 1 | Alarm |
| Connection type 2 | Input |
| Connection type 3 | Output |
| Family construction form | terminal |
| No. of poles | 2 |
| Gender | female |
| Color contact carrier | green |
| Connection | Spring clamp terminals FK |
| PIN 1 | 13 |
| PIN 2 | 14 |
| Family construction form | terminal |
| No. of poles | 3 |
| Gender | female |
| Color contact carrier | green |
| Connection | Spring clamp terminals FK |
| PIN 1 | PE |
| PIN 2 | N |
| PIN 3 | L |
| Family construction form | terminal |
| No. of poles | 4 |
| Gender | female |
| Color contact carrier | green |
| Connection | Spring clamp terminals FK |
| PIN 1 | - |
| PIN 2 | - |
| PIN 3 | + |
| PIN 4 | + |

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