## Power Supply Emparro20-Advanced-3-phase

IN: 3x342 - 575VAC; OUT: 22,5 - 29V/10ADC

Art.No.: 9000-17332-1221110
Weight: 0,660 kg
Country of origin: MY
Model designation: Emparro20-Advanced-3-240-24

Link to Product

### Illustration



Product may differ from Image

### Commercial data

| | |
|---|---|
| URL Webshop | https://shop.murrelektronik.com/9000-17332-1221110 |
| GTIN | 4065909055663 |
| EU-Customs tariff number | 85044083 |
| US-Customs tariff number | 8504409550 |
| 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 |
| ECLASS-14.0 | 27040701 |
| ETIM-5.0 | EC002540 |
| ETIM-6.0 | EC002540 |

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|---|---|
| ETIM-7.0 | EC002540 |
| ETIM-8.0 | EC002540 |
| ETIM-10.0 | EC002540 |
| customs tariff number | 85044083 |
| EAN | 4065909055663 |
| Packaging unit | 1 |
| **Electrical data** | |
| Parallel connection | Yes |
| Number of devices parallel connection max. | 3 |
| Series connection | Yes |
| Number of devices series connection max. | 20 |
| **Electrical data \| Supply** | |
| Protective measure | SELV/PELV |
| Power frequency | 50/60 Hz |
| **Electrical data \| Input** | |
| Phase number input | 3 |
| Input voltage AC min. | 342 V |
| Input voltage AC max. | 575 V |
| Nominal input voltage AC | 3 × 380 V … 500 V |
| Input voltage DC min. | 450.5 V |
| Input voltage DC max. | 810 V |
| Nominal input voltage DC | 530 V … 675 V |
| Nominal current AC | 3 × 0.59 A @ 380 V,0.5 A @ 500 V |
| Nominal current DC | 530 V @ 675 V |
| Power factor | 400 V AC @ 500 V AC |
| Efficiency | 93.1 % @ 400 V AC 93.2 % @ 500 V AC |
| **Electrical data \| Output** | |
| Output voltage DC | 24 V |
| Output voltage DC min. | 22.5 V |
| Output voltage DC max. | 29 V |
| Output current min. | 8.2 A |
| Output current | 10.6 A |
| Output rating | 240 W |
| Mains failure bridging min. | 20 ms @ 400 V AC |
| Mains failure bridging max. | 40 ms @ 500 V AC |
| Power Boost | 150 % |
| Duration Power Boost min. | 5 s |
| Spikes (s-s) max. | 40 mV |
| Ripple (s-s) max. | 10 mV |
| **Diagnostics** | |
| Alarm contact | Yes |
| **Installation \| Connection** | |
| Connection | Push-In spring clamp terminals |
| **Device protection \| Electrical** | |
| Installation height max. ASL | 3000 m |
| Degree of protection (EN IEC 60529) | IP20 |
| Protection class (EN IEC 61140) | I |
| Pollution Degree | 2 |
| Overload protection output | Yes |
| Short-circuit protection output | Yes |
| Overtemperature protection output | Yes |

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|---|---|
| **Device protection \| Mechanical** | |
| Cooling type | Natural convection |
| **Mechanical data \| Material data** | |
| housing | Aluminum |
| Combustibility class housing (UL94) | V-0 |
| Conformal coated PCB | No |
| **Mechanical data \| Mounting data** | |
| Net weight | 780 g |
| Height | 129 mm |
| Width | 55 mm |
| Depth | 138.2 mm |
| mounting position | horizontal, vertical |
| Mounting method | geschnappt |
| Suitable for mounting type | Tragschiene TH35-7.5/TH35-15 |
| **Environmental characteristics \| Electromagnetic compatibility** | |
| Interference emission | EN IEC 61000-6-3 |
| Immunity to interference | EN IEC 61000-6-2 |
| Electrostatic discharge immunity test (IEC 61000-4-2) | Criteria A |
| Radiated, radio-frequency, electromagnetic fields (IEC 61000-4-3) | Criteria A |
| Surge immunity test (IEC 61000-4-5) | Criteria A |
| Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6) | Criteria A |
| Power frequency magnetic field (IEC 61000-4-8) | Criteria A |
| **Environmental characteristics \| Climatic** | |
| Ambient temperature (operation) | -25 °C … 70 °C |
| Ambient temperature (storage, transport) | -40 °C … 85 °C |
| Relative humidity (operation) | 95 % |
| **Environmental product conformity** | |
| REACH ((EC) 1907/2006) | compliant |
| RoHS (2011/65/EU, (EU) 2015/863) | compliant |
| RoHS-Exemption (2011/65/EU) | keine RoHS-Ausnahme |
| China RoHS (SJ/T 11364, GB/T 26572) | EFUP-25 |
| WEEE (2012/19/EU) | compliant |
| Halogen content | halogen-free, JEDEC/ECA JS709 |
| Lead-free | JEDEC JESD97 |
| **Conformity** | |
| CE | 2014/30/EU |
| **Approvals** | |
| UL Listed (US, CA) | E200364 |
| 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 | 4 |
| Gender | female |
| Color contact carrier | green |
| Connection | Spring clamp terminals FK |

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|---|---|
| PIN 1 | 13 3.1 |
| PIN 2 | 14 3.2 |
| PIN 3 | Inhibit + 3.3 |
| PIN 4 | Inhibit - 3.4 |
| Family construction form | terminal |
| No. of poles | 4 |
| Gender | female |
| Color contact carrier | green |
| Connection | Spring clamp terminals FK |
| PIN 1 | L 1 1.1 |
| PIN 2 | L 2 1.2 |
| PIN 3 | L 3 1.3 |
| PIN 4 | PE 1.4 |
| Family construction form | terminal |
| No. of poles | 4 |
| Gender | female |
| Color contact carrier | green |
| Connection | Spring clamp terminals FK |
| PIN 1 | 2.1 |
| PIN 2 | 2.2 |
| PIN 3 | 2.3 |
| PIN 4 | 2.4 |

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