

Power Supply Emparro20-Advanced-3-phase

IN: 3x342 - 575VAC; OUT: 22,5 - 29V/20ADC

Art.No.: 9000-17332-1421110

Weight: 1.05

Country of origin: MY

Model designation: Emparro20-Advanced-3-480-24

Link to Product

Illustration



Product may differ from Image



Header

Material short text Emparro20-Advanced-3-480-24

Commercial data

| | |
|-----------------------|---|
| URL Webshop | https://shop.murrelektronik.com/9000-17332-1421110 |
| GTIN | 4065909055687 |
| ECLASS-6.0 | 27049002 |
| ECLASS-6.1 | 27049002 |
| ECLASS-7.0 | 27049002 |
| ECLASS-8.0 | 27049002 |
| ECLASS-9.0 | 27040701 |
| ECLASS-10.1 | 27040701 |
| ECLASS-11.1 | 27040701 |
| ECLASS-12.0 | 27040701 |
| ETIM-5.0 | EC002540 |
| ETIM-6.0 | EC002540 |
| ETIM-7.0 | EC002540 |
| ETIM-8.0 | EC002540 |
| customs tariff number | 85044083 |
| EAN | 4065909055687 |
| Packaging unit | 1 |

Electrical data

Security level SELV/PELV

| | |
|--|-----|
| Parallel connection | yes |
| Number of devices parallel connection max. | 3 |
| Series connection | yes |
| Number of devices series connection max. | 20 |

Electrical data | Supply

| | |
|-----------------|--------------|
| Power frequency | 50 ... 60 Hz |
|-----------------|--------------|

Electrical data | Input

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|--------------------------|-------------------------------------|
| Phase number input | 3 |
| Input voltage AC min. | 342 V |
| Input voltage AC max. | 575 V |
| Nominal input voltage AC | 3 × 380 V |
| Input voltage DC min. | 450.5 V |
| Input voltage DC max. | 810 V |
| Nominal input voltage DC | 530 V |
| Nominal current AC | 3 × 0.8 A @ 380 V , 0.65 A @ 500 V |
| Nominal current DC | 530 V , 675 V |
| Power factor | 400 V AC 500 V AC |
| Efficiency | 95.1 % @ 400 V AC 94.9 % @ 500 V AC |

Electrical data | Output

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|-----------------------------|--------|
| Output voltage adjustable | yes |
| Output voltage DC | 24 V |
| Output voltage DC min. | 22.5 V |
| Output voltage DC max. | 29 V |
| Output current | 20 A |
| Output rating | 480 W |
| Mains failure bridging time | 25 ms |
| Power Boost | 150 % |
| Duration Power Boost min. | 5 s |
| Spikes (s-s) max. | 70 mV |
| Ripple (s-s) max. | 35 mV |

Diagnostics

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|---------------|-----|
| Alarm contact | yes |
|---------------|-----|

Installation | Connection

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|------------|--------------------------------|
| Connection | Push-In spring clamp terminals |
|------------|--------------------------------|

Device protection | Electrical

| | |
|-------------------------------------|---------|
| Installation height max. ASL | 3,000 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 |

Device protection | Mechanical

| | |
|--------------|--------------------|
| Cooling type | Natural convection |
|--------------|--------------------|

Mechanical data | Material data

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|-------------------------------------|----------|
| Material housing | Aluminum |
| Combustibility class housing (UL94) | V-0 |
| Conformal coated PCB | no |

Mechanical data | Mounting data

| | |
|------------|---------|
| Net weight | 1,050 g |
|------------|---------|

| | |
|----------------------------|------------------------------|
| Height | 135.7 mm |
| Width | 65 mm |
| Depth | 159.3 mm |
| mounting position | horizontal, vertical |
| Mounting method | geschnappt |
| Suitable for mounting type | Tragschiene TH35-7.5/TH35-15 |

Environmental characteristics | Electromagnetic compatibility

| | |
|---|------------|
| Electrostatic discharge immunity test (IEC 61000-4-2) | Criteria A |
| Radiated, radio-frequency, electromagnetic fields (IEC 61000-4-3) | Criteria A |
| Electrical fast transient/burst immunity test (IEC 61000-4-4) | 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 |

Environmental characteristics | Climatic

| | |
|------------------------------------|--------|
| Ambient temperature min. | -25 °C |
| Ambient temperature max. | 70 °C |
| Storage temperature min. | -40 °C |
| Storage temperature max. | 85 °C |
| Relative humidity max. (operation) | 95 % |

Environmental product conformity

| | |
|-----------------------|-------------------|
| REACH | (EC) No 1907/2006 |
| REACH-SVHC | compliant |
| RoHS | 2011/65/EU |
| WEEE | compliant |
| Halogen-free-Material | JEDEC JS709A |
| Pb-free-Material | JESD97 |

Conformity

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|-----|---|
| CE | 2014/30/EU |
| EMC | IEC/EN 61000-6-2, IEC/EN 61000-6-3 + A1 (2011) / AC |

Approvals

| | |
|----------|-----------|
| UL | E200364 |
| ULc | E200364 |
| SEMI F47 | compliant |