## ECO-RAIL-2 POWER SUPPLY 1-PHASE,

IN: 90 ... 132 VAC / 173 … 264 VAC OUT: 24V/20ADC

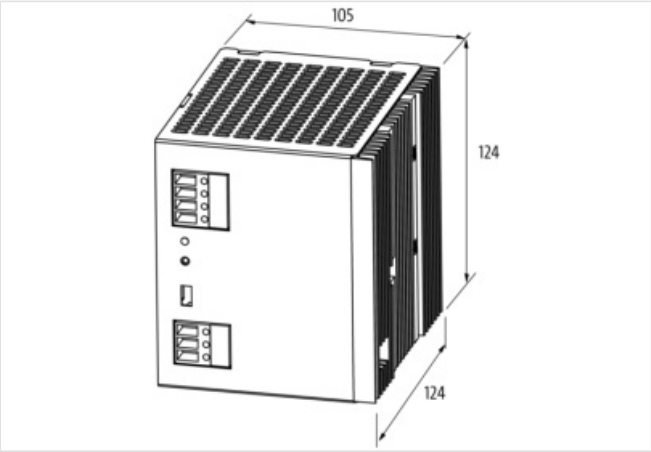
Art.No.: 85137
Weight: 1,600 kg
Country of origin: CN
Model designation: Eco-Rail-2 20-100-240/24

INPUT: 90...132 V AC/173...264 V AC
OUTPUT: 23...28 V DC
Current: 20 A
Mains failure bridging min.
min. 15 ms (115 V AC); min. 20 ms (230 V AC)

## Link to Product

### Illustration






Product may differ from Image

### Commercial data

| | |
|---|---|
| URL Webshop | https://shop.murrelektronik.com/85137 |
| GTIN | 4048879694636 |
| 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 |

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| | |
|---|---|
| ECLASS-12.0 | 27040701 |
| ECLASS-13.0 | 27040701 |
| 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 | 85044083 |
| EAN | 4048879694636 |
| Packaging unit | 1 |
| **Electrical data** | |
| Parallel connection | No |
| Series connection | Yes |
| Number of devices series connection max. | 2 |
| **Electrical data \| Supply** | |
| Power frequency | 50 ... 60 Hz |
| **Electrical data \| Input** | |
| Nominal input voltage AC | 100 V … 200 V |
| Input voltage 1 AC min. | 90 V |
| Input voltage 1 AC max. | 132 V |
| Input voltage 2 AC min. | 173 V |
| Input voltage 2 AC max. | 264 V |
| Nominal current AC | 7.8 A @ 100 V,4 A @ 200 V |
| Inrush current max. | 10 A @ 230 V |
| Efficiency | 89 % @ 115 V AC 90 % @ 230 V AC |
| Characteristic back-up fuse | Inertia |
| Fuse protection primary side internal | 12 A |
| **Electrical data \| Output** | |
| Output voltage adjustable | Yes |
| Output voltage DC | 24 V |
| Output voltage DC min. | 23 V |
| Output voltage DC max. | 28 V |
| Output current | 20 A |
| Spikes (s-s) max. | 100 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 | 124 mm |
| Width | 105 mm |
| Depth | 124 mm |
| Mounting method | geschnappt |
| Suitable for mounting type | Mounting rail TH35, (EN 60715) |
| **Environmental characteristics \| Electromagnetic compatibility** | |
| Interference emission | IEC 61000-3-2 |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | 0 °C |

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| | |
|---|---|
| Operating temperature max. | 40 °C |
| Derating | min. 40 °C |
| Ambient temperature (storage, transport) | -20 °C … 85 °C |
| Relative humidity (operation) | 20 % … 90 % |
| Additional condition relative humidity | no condensation |
| **Conformity** | |
| Product standard | EN IEC 61010-2-201 |
| **Connection type 2-2** | |
| 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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