

ECO-RAIL-2 POWER SUPPLY 1-PHASE,

IN: 90-264VAC OUT: 24V/1,3ADC

Art.No.: 85131

Weight: 0.400 kg

Country of origin: CN

Model designation: Eco-Rail-2 1.3-100-240/24

INPUT: 100...240 V AC

OUTPUT: 23...28 V DC

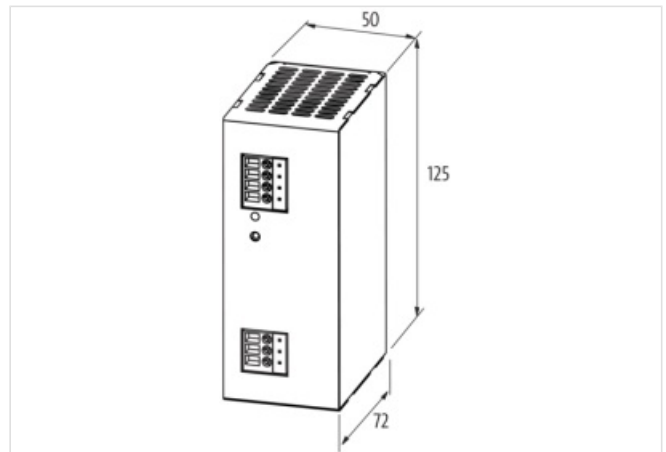
Current: 1.3 A

Mains failure bridging min.

min. 23 ms (115 V AC); min. 130 ms (230 V AC)

Link to Product**Illustration**

Product may differ from Image

**Header**

Material short text Eco-Rail-2 1.3-100-240/24

Commercial data

| | |
|---------------|-------------------------------------------------------------------------------------------|
| URL Webshop | https://shop.murrelektronik.com/85131 |
| GTIN | 4048879694452 |
| 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 |
| ETIM-7.0 | EC002540 |
| ETIM-8.0 | EC002540 |
| customs tariff number | 85044083 |
| EAN | 4048879694452 |
| 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

| | |
|---------------------------------------|---------------------------------|
| Input voltage AC min. | 100 V |
| Input voltage AC max. | 240 V |
| Nominal input voltage AC | 100 V |
| Nominal current AC | 0.7 A @ 100 V , 0.4 A @ 240 V |
| Inrush current max. | 10 A @ 230 V |
| Efficiency | 83 % @ 115 V AC 84 % @ 230 V AC |
| Characteristic back-up fuse | Inertia |
| Fuse protection primary side internal | 2 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 | 1,3 A |
| Spikes (s-s) max. | 50 mV |
| Ripple effective max. | 10 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 | 150 mm |
| Width | 50 mm |
| Depth | 72 mm |
| Mounting method | geschnappt |
| Suitable for mounting type | Mounting rail TH35, (EN 60715) |

Environmental characteristics | Climatic

| | |
|------------------------------------------|-----------------|
| Operating temperature min. | 0 °C |
| Operating temperature max. | 40 °C |
| Derating from | 40 °C |
| Ambient temperature (storage, transport) | -20 °C |
| Relative humidity (operation) | 20 % |
| Additional condition relative humidity | no condensation |

Conformity

| | |
|------------------|--------------------|
| Product standard | EN IEC 61010-2-201 |
| EMC | EN 61000-3-2 |

Connection type 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 | + |