

ECO-RAIL-2 POWER SUPPLY 1-PHASE,

IN: 90-264VAC OUT: 24V/2,5ADC

Art.No.: 85132  
Weight: 0.500 kg  
Country of origin: CN  
Model designation: Eco-Rail-2 2.5-100-240/24

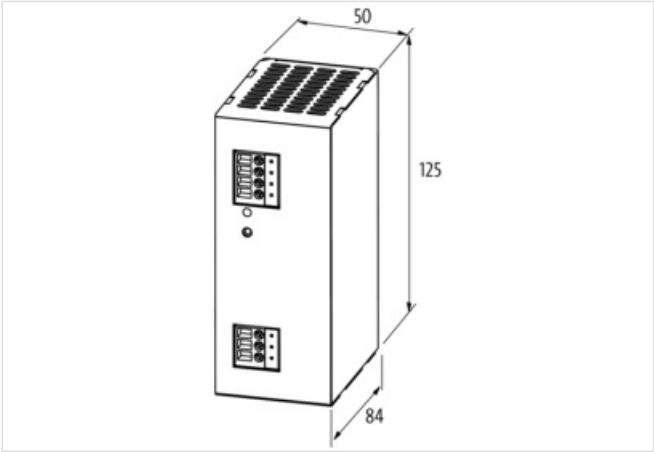
INPUT: 100...240 V AC  
OUTPUT: 23...28 V DC  
Current: 2.5 A  
Mains failure bridging min.  
min. 20 ms (115 V AC); min. 100 ms (230 V AC)

Link to Product

Illustration



Product may differ from Image



| Commercial data          |                                       |
|--------------------------|---------------------------------------|
| URL Webshop              | https://shop.murrelektronik.com/85132 |
| GTIN                     | 4048879694469                         |
| 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      |
| ETIM-7.0              | EC002540      |
| ETIM-8.0              | EC002540      |
| ETIM-9.0              | EC002540      |
| ETIM-10.0             | EC002540      |
| customs tariff number | 85044083      |
| EAN                   | 4048879694469 |
| 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 ... 240 V                 |
| Nominal current AC                    | 1.3 A @ 100 V, 0.6 A @ 240 V    |
| Inrush current max.                   | 20 A @ 230 V                    |
| Efficiency                            | 84 % @ 115 V AC 85 % @ 230 V AC |
| Characteristic back-up fuse           | Inertia                         |
| Fuse protection primary side internal | 4 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            | 2,5 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                     | 125 mm                         |
| Width                      | 50 mm                          |
| Depth                      | 84 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  |
| Operating temperature max. | 40 °C |
| Derating                   | 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

|                          |          |
|--------------------------|----------|
| 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 | + |
|-------|---|